Appendix D
Master Database Table
(On CD)

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	160.3M	1/6/2011		Gen Prep	DE046	20.8	1	MOIST	MOISTURE	20.8		0.50	0.50	%					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	300.0	1/14/2011		METHOD	DE046	20.8	1	16984-48-8	FLUORIDE	2.3	J	1.0	1.3	mg/kg	J		J	Q	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	314.0	1/12/2011		METHOD	DE046	20.8	1	14797-73-0	PERCHLORATE	37.9	U	11.4	37.9	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7440-31-5	TIN	12.1	U	1.21	12.1	mg/kg	U	J	U	B, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7429-90-5	ALUMINUM	15100		6.11	24.3	mg/kg					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7439-89-6	IRON	18600		5.72	24.3	mg/kg					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7439-93-2	LITHIUM	22.7	J	0.27	2.4	mg/kg	J		J	*#	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7439-95-4	MAGNESIUM	4410		3.08	12.1	mg/kg					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7439-96-5	MANGANESE	287		0.0947	0.607	mg/kg					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7440-09-7	POTASSIUM	3130		21.9	60.7	mg/kg					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7440-23-5	SODIUM	75	J	45.3	121	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7440-24-6	STRONTIUM	16.2	J	0.0753	0.607	mg/kg	J		J	*#	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7440-32-6	TITANIUM	1090		0.461	1.21	mg/kg					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7440-42-8	BORON	5	J	1.08	6.07	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7440-67-7	Zirconium	1.2	J	1.02	6.07	mg/kg	J	J	J	FD, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7440-70-2	CALCIUM	2620		7.44	24.3	mg/kg					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6010B	12/30/2010	NA	3050B	DE046	20.8	1	7723-14-0	PHOSPHORUS	462		0.680	12.1	mg/kg					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/6/2011	NA	3050B	DE046	20.8	2	7782-49-2	SELENIUM	0.183	J	0.0495	0.495	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7439-98-7	MOLYBDENUM	0.747	J	0.0619	0.124	mg/kg	J		J	E, Q	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-39-3	BARIUM	122	J	0.134	0.495	mg/kg	J		J	E, *#	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7439-92-1	LEAD	18.4	J	0.0129	0.248	mg/kg	J		J	E, *#	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-02-0	NICKEL	16.3	J	0.124	0.495	mg/kg	J		J	E, Q, *#	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-22-4	SILVER	0.0727	J	0.0149	0.124	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-28-0	THALLIUM	0.366	J	0.0371	0.124	mg/kg	J		J	Q	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-36-0	ANTIMONY	0.248	UJ	0.0743	0.248	mg/kg	UJ	J	UJ	B, Q, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-38-2	ARSENIC	5.3	J	0.0743	0.495	mg/kg	J		J	E, Q	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-41-7	BERYLLIUM	0.646		0.0198	0.124	mg/kg					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-43-9	CADMIUM	0.267	J	0.0446	0.124	mg/kg	J		J	Q	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-47-3	CHROMIUM	21.4	J	0.149	0.495	mg/kg	J		J	E	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-48-4	COBALT	6.69	J	0.0248	0.124	mg/kg	J		J	E	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-50-8	COPPER	10.4	J	0.0817	0.495	mg/kg	J		J	E	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-62-2	VANADIUM	40.6	J	0.0272	0.124	mg/kg	J		J	E, Q, *#	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	6020	1/5/2011	NA	3050B	DE046	20.8	2	7440-66-6	ZINC	86.4	J	0.693	3.71	mg/kg	J		J	E, *#	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	7199	1/20/2011		3060A	DE046	20.8	1	18540-29-9	HEXAVALENT CHROMIUM	0.37	J	0.25	1.3	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	7471A	12/28/2010	NA	METHOD	DE046	20.8	1	7439-97-6	MERCURY	0.0285	J	0.0036	0.125	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	1024-57-3	HEPTACHLOR EPOXIDE	0.078	J	0.043	0.21	ug/kg	J	J	J	FD, L, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	1031-07-8	ENDOSULFAN SULFATE	0.43	U	0.083	0.43	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	2385-85-5	MIREX	0.095	J	0.083	0.43	ug/kg	J	J	J	FD, Z, *#	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	309-00-2	ALDRIN	0.21	U	0.083	0.21	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	319-84-6	ALPHA-BHC	0.21	U	0.043	0.21	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	319-85-7	BETA-BHC	0.21	U	0.076	0.21	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	319-86-8	DELTA-BHC	0.21	U	0.045	0.21	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	33213-65-9	ENDOSULFAN II	0.43	U	0.083	0.43	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	50-29-3	4,4'-DDT	0.86	J	0.083	0.43	ug/kg	J		J	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	53494-70-5	ENDRIN KETONE	0.43	U	0.083	0.43	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	57-74-9	Chlordane	4.3	U	1.0	4.3	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	58-89-9	gamma-BHC (Lindane)	0.21	U	0.043	0.21	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	60-57-1	DIELDRIN	0.43	U	0.12	0.43	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	72-20-8	ENDRIN	0.43	U	0.083	0.43	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	72-43-5	METHOXYCHLOR	2.1	U	0.43	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	72-54-8	4,4'-DDD	0.48	U	0.48	0.48	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	72-55-9	4,4'-DDE	0.71	J	0.083	0.43	ug/kg	J		J	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	7421-93-4	ENDRIN ALDEHYDE	0.27	J	0.083	0.43	ug/kg	J	J	J	FD, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	76-44-8	HEPTACHLOR	0.21	U	0.076	0.21	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	8001-35-2	TOXAPHENE	8.3	U	2.8	8.3	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8081A	1/14/2011		3550B	DE046	20.8	1	959-98-8	ENDOSULFAN I	0.21	U	0.056	0.21	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	11096-82-5	AROCLOR 1260	2.1	UJ	0.42	2.1	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	11097-69-1	AROCLOR 1254	2.1	UJ	0.42	2.1	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	11100-14-4	Aroclor 1268	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	11104-28-2	AROCLOR 1221	2.1	U	0.63	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	11126-42-4	Aroclor 5460	4.2	UJ	1.3	4.2	ug/kg	UJ	U	UJ	FD, L	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	11141-16-5	AROCLOR 1232	2.1	U	0.66	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	12642-23-8	Aroclor 5442	4.2	UJ	1.3	4.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	12672-29-6	AROCLOR 1248	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	12674-11-2	AROCLOR 1016	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	37324-23-5	Aroclor 1262	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	53469-21-9	AROCLOR 1242	2.1	U	0.63	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8082	12/31/2010		3550B	DE046	20.8	1	63496-31-1	Aroclor 5432	4.2	UJ	1.3	4.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8151A	1/6/2011		3550B	DE046	20.8	1	120-36-5	DICHLOROPROP	2.1	U	1.0	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8151A	1/6/2011		3550B	DE046	20.8	1	1918-00-9	DICAMBA	1.5	U	0.51	1.5	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8151A	1/6/2011		3550B	DE046	20.8	1	75-99-0	DALAPON	11	UJ	5.6	11	ug/kg	UJ	U	UJ	C	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8151A	1/6/2011		3550B	DE046	20.8	1	88-85-7	DINOSEB	3	UJ	1.0	3.0	ug/kg	UJ	U	UJ	C	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8151A	1/6/2011		3550B	DE046	20.8	1	93-65-2	MCPP	320	U	95	320	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8151A	1/6/2011		3550B	DE046	20.8	1	93-72-1	2,4,5-TP (Silvex)	0.18	J	0.095	0.21	ug/kg	J	J	J	FD, Z, *#	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8151A	1/6/2011		3550B	DE046	20.8	1	93-76-5	2,4,5-T	0.21	U	0.10	0.21	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8151A	1/6/2011		3550B	DE046	20.8	1	94-74-6	MCPA	320	U	96	320	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8151A	1/6/2011		3550B	DE046	20.8	1	94-75-7	2,4-D	4.5	UJ	1.5	4.5	ug/kg	UJ	U	UJ	C	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8151A	1/6/2011		3550B	DE046	20.8	1	94-82-6	2,4-DB	5.8	U	5.8	5.8	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	100-01-6	4-NITROANILINE	210	U	84	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	100-02-7	4-NITROPHENOL	630	U	210	630	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	100-51-6	BENZYL ALCOHOL	630	U	210	630	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	105-67-9	2,4-DIMETHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	106-44-5	4-METHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	106-46-7	1,4-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	106-47-8	4-CHLOROANILINE	210	U	84	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	108-68-9	3,5-Dimethylphenol	210	U	42	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	108-95-2	PHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	22	J	21	420	ug/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	118-74-1	HEXACHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	120-82-1	1,2,4-TRICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	120-83-2	2,4-DICHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	121-14-2	2,4-DINITROTOLUENE	210	U	42	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	132-64-9	DIBENZOFURAN	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	51-28-5	2,4-DINITROPHENOL	2500	U	840	2500	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	630	U	210	630	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	541-73-1	1,3-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	59-50-7	4-CHLORO-3-METHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	606-20-2	2,6-DINITROTOLUENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	62-53-3	ANILINE	630	U	210	630	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	65-85-0	BENZOIC ACID	630	U	210	630	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	67-72-1	HEXACHLOROETHANE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	210	U	42	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	630	U	210	630	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	78-59-1	ISOPHORONE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	86-30-6	N-NITROSODIPHENYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	86-74-8	CARBAZOLE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	87-68-3	HEXACHLOROBUTADIENE	210	U	84	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	87-86-5	PENTACHLOROPHENOL	630	U	210	630	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	88-06-2	2,4,6-TRICHLOROPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	88-74-4	2-NITROANILINE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	88-75-5	2-NITROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	91-58-7	2-CHLORONAPHTHALENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	91-94-1	3,3'-DICHLOROBENZIDINE	420	U	130	420	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	92-87-5	BENZIDINE	4200	U	1500	4200	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	95-48-7	2-METHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	95-50-1	1,2-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	95-57-8	2-CHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	95-95-4	2,4,5-TRICHLOROPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	98-95-3	NITROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C	1/18/2011		3550B	DE046	20.8	1	99-09-2	3-NITROANILINE	210	U	42	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	117-84-0	Di-n-octylphthalate	23	UJ	7.6	23	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	120-12-7	ANTHRACENE	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	129-00-0	PYRENE	2.1	UJ	0.84	2.1	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	131-11-3	Dimethylphthalate	23	U	7.6	23	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	191-24-2	BENZO(G,H,I)PERYLENE	2.1	UJ	0.84	2.1	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2.1	UJ	0.84	2.1	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	205-99-2	BENZO(B)FLUORANTHENE	2.1	UJ	0.84	2.1	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	206-44-0	FLUORANTHENE	2.1	UJ	0.84	2.1	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	207-08-9	BENZO(K)FLUORANTHENE	2.1	UJ	0.84	2.1	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	208-96-8	ACENAPHTHYLENE	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	218-01-9	CHRYSENE	0.71	J	0.42	2.1	ug/kg	J	J	J	FD, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	50-32-8	BENZO(A)PYRENE	2.1	UJ	0.84	2.1	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	56-55-3	BENZO(A)ANTHRACENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	62-75-9	N-NITROSODIMETHYLAMINE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	83-32-9	ACENAPHTHENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	84-66-2	Diethylphthalate	23	U	7.6	23	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	84-74-2	Di-n-butylphthalate	23	U	7.6	23	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	85-01-8	PHENANTHRENE	0.85	J	0.84	2.1	ug/kg	J	J	J	FD, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	85-68-7	Butylbenzylphthalate	23	U	7.6	23	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	86-73-7	FLUORENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	90-12-0	1-METHYLNAPHTHALENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	91-20-3	NAPHTHALENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	8270C SIM	1/11/2011		3550B	DE046	20.8	1	91-57-6	2-METHYLNAPHTHALENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	9045M	12/27/2010		Gen Prep	DE046	20.8	1	pH	PH	5.94		0.0100	0.0100	pH unit					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172036	ASTM D1498	12/27/2010		Gen Prep	DE046	20.8	1	REDOX	Oxidation Reduction Potential	541		10.0	10.0	mv					MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	2/6/2011		METHOD	DX029	20.8	1	51207-31-9	2,3,7,8-TCDF	4.47		0.0501	1.26	ng/kg		B		Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	1746-01-6	2,3,7,8-TCDD	0.0424	J	0.0395	1.26	ng/kg	J	JQ	J	FD, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.927	J	0.0582	6.31	ng/kg	J	JB	J	Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	3268-87-9	OCDD	70.8		0.0398	12.6	ng/kg		B			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	8.87		0.0535	6.31	ng/kg		B			MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	39001-02-0	OCDF	3.65	J	0.0494	12.6	ng/kg	J	JB	J	Z	MDL	PQL	6344803.704	1906894.735

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	39227-28-6	1,2,3,4,7,8-HxCDD	6.31	U	0.0576	6.31	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	40321-76-4	1,2,3,7,8-PECDD	6.31	U	0.0514	6.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	51207-31-9	2,3,7,8-TCDF	4.94		0.119	1.26	ng/kg				Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.31	U	0.0337	6.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	57117-31-4	2,3,4,7,8-PECDF	6.31	U	0.0422	6.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	57117-41-6	1,2,3,7,8-PECDF	1.94	J	0.0419	6.31	ng/kg	J	JB	J	Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	57117-44-9	1,2,3,6,7,8-HXCDF	6.31	U	0.0423	6.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.893	J	0.0590	6.31	ng/kg	J	JBQ	J	Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.31	U	0.0456	6.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	6.31	U	0.0236	6.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	70648-26-9	1,2,3,4,7,8-HXCDF	6.31	U	0.0477	6.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
DUP01-SIV-QC-122010	12/20/2010	FD	0	0.5	ft bgs	SE	SED	SED-005-SIV-SD-0.0-0.5	6172046	1613B	1/28/2011		METHOD	DX029	20.8	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.31	U	0.0514	6.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	160.3M	1/7/2011		Gen Prep	DE050	15.9	1	MOIST	MOISTURE	15.9		0.50	0.50	%					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	300.0	1/14/2011		METHOD	DE050	15.9	1	16984-48-8	FLUORIDE	1.2	UJ	0.95	1.2	mg/kg	UJ	U	UJ	FD	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	314.0	1/14/2011		METHOD	DE050	15.9	1	14797-73-0	PERCHLORATE	35.7	U	10.7	35.7	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7429-90-5	ALUMINUM	13700		5.70	22.6	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7439-89-6	IRON	20400		5.33	22.6	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7439-93-2	LITHIUM	26.9		0.25	2.3	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7439-95-4	MAGNESIUM	5760		2.88	11.3	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7439-96-5	MANGANESE	300		0.0883	0.566	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7440-09-7	POTASSIUM	3540		20.4	56.6	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7440-23-5	SODIUM	70.3	J	42.2	113	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7440-24-6	STRONTIUM	13.3		0.0702	0.566	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7440-31-5	TIN	11.3	U	1.13	11.3	mg/kg	U	J	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7440-32-6	TITANIUM	1260		0.430	1.13	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7440-42-8	BORON	4.68	J	1.01	5.66	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7440-67-7	Zirconium	3.82	J	0.951	5.66	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7440-70-2	CALCIUM	2800		6.94	22.6	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6010B	12/30/2010	NA	3050B	DE050	15.9	1	7723-14-0	PHOSPHORUS	487		0.634	11.3	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7782-49-2	SELENIUM	0.131	J	0.0457	0.457	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7439-98-7	MOLYBDENUM	0.545	J	0.0572	0.114	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-39-3	BARIUM	112		0.123	0.457	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7439-92-1	LEAD	10.3	J	0.0119	0.229	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-02-0	NICKEL	13.1	J	0.114	0.457	mg/kg	J		J	Q, *#	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-22-4	SILVER	0.0362	J	0.0137	0.114	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-28-0	THALLIUM	0.282		0.0343	0.114	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-36-0	ANTIMONY	0.0806	J	0.0686	0.229	mg/kg	J	J	J	Q, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-38-2	ARSENIC	6.94	J	0.0686	0.457	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-41-7	BERYLLIUM	0.565		0.0183	0.114	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-43-9	CADMIUM	0.239	J	0.0412	0.114	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-47-3	CHROMIUM	22	J	0.137	0.457	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-48-4	COBALT	6.5	J	0.0229	0.114	mg/kg	J		J	*#	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-50-8	COPPER	9.16	J	0.0755	0.457	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-62-2	VANADIUM	45.8	J	0.0252	0.114	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	6020	1/3/2011	NA	3050B	DE050	15.9	2	7440-66-6	ZINC	82.1		0.640	3.43	mg/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	7199	1/23/2011		3060A	DE050	15.9	1	18540-29-9	HEXAVALENT CHROMIUM	0.31	J	0.24	1.2	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	7471A	12/28/2010	NA	METHOD	DE050	15.9	1	7439-97-6	MERCURY	0.11	U	0.0032	0.110	mg/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	1024-57-3	HEPTACHLOR EPOXIDE	0.2	UJ	0.040	0.20	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	1031-07-8	ENDOSULFAN SULFATE	0.4	UJ	0.23	0.40	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	2385-85-5	MIREX	0.4	UJ	0.15	0.40	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	309-00-2	ALDRIN	0.2	UJ	0.078	0.20	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	319-84-6	ALPHA-BHC	0.2	UJ	0.040	0.20	ug/kg	UJ	U	UJ	S, L	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	319-85-7	BETA-BHC	0.2	UJ	0.071	0.20	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	319-86-8	DELTA-BHC	0.2	UJ	0.043	0.20	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	33213-65-9	ENDOSULFAN II	0.4	UJ	0.078	0.40	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	50-29-3	4,4'-DDT	0.49	UJ	0.49	0.49	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	53494-70-5	ENDRIN KETONE	0.4	UJ	0.078	0.40	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	57-74-9	Chlordane	4	UJ	0.95	4.0	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	58-89-9	gamma-BHC (Lindane)	0.2	UJ	0.040	0.20	ug/kg	UJ	U	UJ	S, L	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	60-57-1	DIELDRIN	0.4	UJ	0.078	0.40	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	72-20-8	ENDRIN	0.4	UJ	0.078	0.40	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	72-43-5	METHOXYCHLOR	2	UJ	0.40	2.0	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	72-54-8	4,4'-DDD	0.4	UJ	0.078	0.40	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	72-55-9	4,4'-DDE	0.4	UJ	0.27	0.40	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	7421-93-4	ENDRIN ALDEHYDE	0.4	UJ	0.078	0.40	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	76-44-8	HEPTACHLOR	0.2	UJ	0.071	0.20	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	8001-35-2	TOXAPHENE	7.8	UJ	2.6	7.8	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8081A	1/26/2011		3550B	DE050	15.9	1	959-98-8	ENDOSULFAN I	0.2	UJ	0.052	0.20	ug/kg	UJ	U	UJ	S	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	11096-82-5	AROCLOR 1260	0.68	J	0.39	2.0	ug/kg	J	J	J	S, L, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	11097-69-1	AROCLOR 1254	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	11100-14-4	Aroclor 1268	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	11104-28-2	AROCLOR 1221	2	U	0.59	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	11126-42-4	Aroclor 5460	1.9	J	1.2	3.9	ug/kg	J	J	J	S, L, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	11141-16-5	AROCLOR 1232	2	U	0.62	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	12642-23-8	Aroclor 5442	3.9	UJ	1.2	3.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	12672-29-6	AROCLOR 1248	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	12674-11-2	AROCLOR 1016	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	37324-23-5	Aroclor 1262	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	53469-21-9	AROCLOR 1242	2	U	0.59	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8082	1/6/2011		3550B	DE050	15.9	1	63496-31-1	Aroclor 5432	3.9	UJ	1.2	3.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8151A	1/7/2011		3550B	DE050	15.9	1	120-36-5	DICHLOROPROP	0.96	J	0.95	2.0	ug/kg	J	J	J	FD, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8151A	1/7/2011		3550B	DE050	15.9	1	1918-00-9	DICAMBA	1.2	J	0.48	1.4	ug/kg	J	J	J	FD, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8151A	1/7/2011		3550B	DE050	15.9	1	75-99-0	DALAPON	11	U	5.2	11	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8151A	1/7/2011		3550B	DE050	15.9	1	88-85-7	DINOSEB	2.9	R	0.95	2.9	ug/kg	R	U	R	L	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8151A	1/7/2011		3550B	DE050	15.9	1	93-65-2	MCPP	300	U	89	300	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8151A	1/7/2011		3550B	DE050	15.9	1	93-72-1	2,4,5-TP (Silvex)	0.18	J	0.089	0.20	ug/kg	J	J	J	FD, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8151A	1/7/2011		3550B	DE050	15.9	1	93-76-5	2,4,5-T	0.2	U	0.098	0.20	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8151A	1/7/2011		3550B	DE050	15.9	1	94-74-6	MCPA	300	U	90	300	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8151A	1/7/2011		3550B	DE050	15.9	1	94-75-7	2,4-D	4.3	U	1.4	4.3	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8151A	1/7/2011		3550B	DE050	15.9	1	94-82-6	2,4-DB	4.4	U	4.4	4.4	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	100-01-6	4-NITROANILINE	200	U	79	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	100-02-7	4-NITROPHENOL	590	U	200	590	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	100-51-6	BENZYL ALCOHOL	590	U	200	590	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	105-67-9	2,4-DIMETHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	106-44-5	4-METHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	106-46-7	1,4-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	106-47-8	4-CHLOROANILINE	200	U	79	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	108-68-9	3,5-Dimethylphenol	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	108-95-2	PHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	87	J	20	400	ug/kg	J	J	J	FD, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	118-74-1	HEXACHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	120-82-1	1,2,4-TRICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	120-83-2	2,4-DICHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	121-14-2	2,4-DINITROTOLUENE	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	132-64-9	DIBENZOFURAN	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	51-28-5	2,4-DINITROPHENOL	2400	U	790	2400	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	590	U	200	590	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	541-73-1	1,3-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	59-50-7	4-CHLORO-3-METHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	606-20-2	2,6-DINITROTOLUENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	62-53-3	ANILINE	590	U	200	590	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	65-85-0	BENZOIC ACID	590	U	200	590	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	67-72-1	HEXACHLOROETHANE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	590	U	200	590	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	78-59-1	ISOPHORONE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	86-30-6	N-NITROSODIPHENYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	86-74-8	CARBAZOLE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	87-68-3	HEXACHLOROBUTADIENE	200	U	79	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	87-86-5	PENTACHLOROPHENOL	590	U	200	590	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	88-06-2	2,4,6-TRICHLOROPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	88-74-4	2-NITROANILINE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	88-75-5	2-NITROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	91-58-7	2-CHLORONAPHTHALENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	91-94-1	3,3'-DICHLOROBENZIDINE	400	U	120	400	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	92-87-5	BENZIDINE	4000	U	1400	4000	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	95-48-7	2-METHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	95-50-1	1,2-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	95-57-8	2-CHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	95-95-4	2,4,5-TRICHLOROPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	98-95-3	NITROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C	1/18/2011		3550B	DE050	15.9	1	99-09-2	3-NITROANILINE	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	117-84-0	Di-n-octylphthalate	21	U	7.1	21	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	120-12-7	ANTHRACENE	2	U	0.40	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	129-00-0	PYRENE	1.1	J	0.79	2.0	ug/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	131-11-3	Dimethylphthalate	21	U	7.1	21	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	191-24-2	BENZO(G,H,I)PERYLENE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	205-99-2	BENZO(B)FLUORANTHENE	1.5	J	0.79	2.0	ug/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	206-44-0	FLUORANTHENE	1.6	J	0.79	2.0	ug/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	207-08-9	BENZO(K)FLUORANTHENE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	208-96-8	ACENAPHTHYLENE	0.47	J	0.40	2.0	ug/kg	J	J	J	FD, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	218-01-9	CHRYSENE	1.1	J	0.40	2.0	ug/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	50-32-8	BENZO(A)PYRENE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	56-55-3	BENZO(A)ANTHRACENE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	62-75-9	N-NITROSODIMETHYLAMINE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	83-32-9	ACENAPHTHENE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	84-66-2	Diethylphthalate	21	U	7.1	21	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	84-74-2	Di-n-butylphthalate	21	U	7.1	21	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	85-01-8	PHENANTHRENE	1.1	J	0.79	2.0	ug/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	85-68-7	Butylbenzylphthalate	21	U	7.1	21	ug/kg		U			MDL	PQL	6344349.523	1907255.432

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	86-73-7	FLUORENE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	90-12-0	1-METHYLNAPHTHALENE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	91-20-3	NAPHTHALENE	2.4		0.79	2.0	ug/kg					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	8270C SIM	1/12/2011		3550B	DE050	15.9	1	91-57-6	2-METHYLNAPHTHALENE	2	U	0.79	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	9045M	12/27/2010		Gen Prep	DE050	15.9	1	pH	PH	6.52		0.0100	0.0100	pH unit					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172315	ASTM D1498	12/27/2010		Gen Prep	DE050	15.9	1	REDOX	Oxidation Reduction Potential	522		10.0	10.0	mv					MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	1746-01-6	2,3,7,8-TCDD	1.19	U	0.0378	1.19	ng/kg		U			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	19408-74-3	1,2,3,7,8,9-HXCDD	5.95	U	0.0382	5.95	ng/kg	U	JB	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	3268-87-9	OCDD	14.7		0.0375	11.9	ng/kg		B			MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	2.04	J	0.0419	5.95	ng/kg	J	JBQ	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	39001-02-0	OCDF	11.9	U	0.0465	11.9	ng/kg	U	JB	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	39227-28-6	1,2,3,4,7,8-HxCDD	5.95	U	0.0383	5.95	ng/kg	U	JB	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	40321-76-4	1,2,3,7,8-PECDD	5.95	U	0.0382	5.95	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	51207-31-9	2,3,7,8-TCDF	0.176	J	0.0565	1.19	ng/kg	J	JQ	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.95	U	0.0283	5.95	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	57117-31-4	2,3,4,7,8-PECDF	5.95	U	0.0268	5.95	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	57117-41-6	1,2,3,7,8-PECDF	5.95	U	0.0270	5.95	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.95	U	0.0237	5.95	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.183	J	0.0385	5.95	ng/kg	J	JBQ	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.95	U	0.0250	5.95	ng/kg	U	JB	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.494	J	0.0197	5.95	ng/kg	J	JB	J	Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.95	U	0.0270	5.95	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
DUP02-SIV-QC-122110	12/21/2010	FD	0	0.5	ft bgs	SE	SED	SED-002-SIV-SD-0.0-0.5	6172362	1613B	1/29/2011		METHOD	DX033	15.9	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.95	U	0.0285	5.95	ng/kg	U	JB	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	160.3M	12/20/2010		Gen Prep	DE045	12.1	1	MOIST	MOISTURE	12.1		0.50	0.50	%					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	300.0	1/11/2011		METHOD	DE045	12.1	1	16984-48-8	FLUORIDE	1.2		0.91	1.1	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	314.0	1/11/2011		METHOD	DE045	12.1	1	14797-73-0	PERCHLORATE	34.1	U	10.2	34.1	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7429-90-5	ALUMINUM	17400		5.61	22.3	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7439-89-6	IRON	20400		5.25	22.3	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7439-93-2	LITHIUM	23.8		0.25	2.2	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7439-95-4	MAGNESIUM	4420		2.83	11.2	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7439-96-5	MANGANESE	440		0.0870	0.558	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7440-09-7	POTASSIUM	4070		20.1	55.8	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7440-23-5	SODIUM	110	J	41.6	112	mg/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7440-24-6	STRONTIUM	27.2		0.0692	0.558	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7440-31-5	TIN	11.2	U	1.12	11.2	mg/kg	U	J	U	B, Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7440-32-6	TITANIUM	1160		0.424	1.12	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7440-42-8	BORON	8.79		0.993	5.58	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7440-67-7	Zirconium	4.21	J	0.937	5.58	mg/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7440-70-2	CALCIUM	5250		6.84	22.3	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6010B	12/30/2010	NA	3050B	DE045	12.1	1	7723-14-0	PHOSPHORUS	423		0.625	11.2	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7439-92-1	LEAD	15.3	J	0.0115	0.221	mg/kg	J		J	Q	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-02-0	NICKEL	16	J	0.110	0.442	mg/kg	J		J	Q, *#	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-22-4	SILVER	0.0983	J	0.0133	0.110	mg/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-28-0	THALLIUM	0.335		0.0331	0.110	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-36-0	ANTIMONY	0.118	J	0.0663	0.221	mg/kg	J	J	J	Q, Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-38-2	ARSENIC	7.32	J	0.0663	0.442	mg/kg	J		J	Q	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-41-7	BERYLLIUM	0.73		0.0177	0.110	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-43-9	CADMIUM	0.457	J	0.0398	0.110	mg/kg	J		J	Q	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-47-3	CHROMIUM	26.7	J	0.133	0.442	mg/kg	J		J	Q	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-48-4	COBALT	7.38	J	0.0221	0.110	mg/kg	J		J	*#	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-50-8	COPPER	13.2	J	0.0729	0.442	mg/kg	J		J	Q	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-62-2	VANADIUM	48.4	J	0.0243	0.110	mg/kg	J		J	Q	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-66-6	ZINC	88.8		0.619	3.31	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7782-49-2	SELENIUM	0.23	J	0.0442	0.442	mg/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7439-98-7	MOLYBDENUM	1.05	J	0.0552	0.110	mg/kg	J		J	Q	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	6020	1/3/2011	NA	3050B	DE045	12.1	2	7440-39-3	BARIUM	138		0.119	0.442	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	7199	1/20/2011		3060A	DE045	12.1	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.23	1.1	mg/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	7471A	12/28/2010	NA	METHOD	DE045	12.1	2.5	7439-97-6	MERCURY	0.927		0.0080	0.280	mg/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/14/2011		3550B	DE045	12.1	5	50-29-3	4,4'-DDT	7.8		0.38	1.9	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/14/2011		3550B	DE045	12.1	5	72-54-8	4,4'-DDD	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	1024-57-3	HEPTACHLOR EPOXIDE	0.45	U	0.45	0.45	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	1031-07-8	ENDOSULFAN SULFATE	0.39	U	0.075	0.39	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	2385-85-5	MIREX	0.39	U	0.075	0.39	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	309-00-2	ALDRIN	0.19	U	0.075	0.19	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	319-84-6	ALPHA-BHC	0.19	U	0.039	0.19	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	319-85-7	BETA-BHC	0.19	U	0.068	0.19	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	319-86-8	DELTA-BHC	0.074	J	0.041	0.19	ug/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	33213-65-9	ENDOSULFAN II	2.1	U	2.1	2.1	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	53494-70-5	ENDRIN KETONE	0.39	U	0.075	0.39	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	57-74-9	Chlordane	3.9	U	0.91	3.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	58-89-9	gamma-BHC (Lindane)	0.19	U	0.039	0.19	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	60-57-1	DIELDRIN	0.47	U	0.47	0.47	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	72-20-8	ENDRIN	0.39	U	0.075	0.39	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	72-43-5	METHOXYCHLOR	1.9	U	0.39	1.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	72-55-9	4,4'-DDE	2.6	U	2.6	2.6	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	7421-93-4	ENDRIN ALDEHYDE	0.89	U	0.89	0.89	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	76-44-8	HEPTACHLOR	0.19	U	0.068	0.19	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	8001-35-2	TOXAPHENE	7.5	U	2.5	7.5	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8081A	1/8/2011		3550B	DE045	12.1	1	959-98-8	ENDOSULFAN I	0.19	U	0.050	0.19	ug/kg		U			MDL	PQL	6344480.717	1907070.218

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	11096-82-5	AROCLOR 1260	18	J	0.75	3.9	ug/kg	J		J	S	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	11097-69-1	AROCLOR 1254	43	J	0.75	3.9	ug/kg	J		J	S	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	11100-14-4	Aroclor 1268	3.9	U	0.75	3.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	11104-28-2	AROCLOR 1221	3.9	U	1.1	3.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	11126-42-4	Aroclor 5460	8.2	J	2.3	7.5	ug/kg	J		J	S, L	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	11141-16-5	AROCLOR 1232	3.9	U	1.2	3.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	12642-23-8	Aroclor 5442	7.5	UJ	2.3	7.5	ug/kg	UJ	U	UJ	L	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	12672-29-6	AROCLOR 1248	3.9	U	0.75	3.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	12674-11-2	AROCLOR 1016	3.9	U	0.75	3.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	37324-23-5	Aroclor 1262	3.9	U	0.75	3.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	53469-21-9	AROCLOR 1242	3.9	U	1.1	3.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8082	1/6/2011		3550B	DE045	12.1	2	63496-31-1	Aroclor 5432	7.5	UJ	2.3	7.5	ug/kg	UJ	U	UJ	L	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8151A	1/1/2011		3550B	DE045	12.1	1	120-36-5	DICHLOROPROP	1.9	U	0.91	1.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8151A	1/1/2011		3550B	DE045	12.1	1	1918-00-9	DICAMBA	1.9		0.46	1.4	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8151A	1/1/2011		3550B	DE045	12.1	1	75-99-0	DALAPON	10	U	5.0	10	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8151A	1/1/2011		3550B	DE045	12.1	1	88-85-7	DINOSEB	2.7	R	0.91	2.7	ug/kg	R	U	R	L	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8151A	1/1/2011		3550B	DE045	12.1	1	93-65-2	MCPP	280	U	85	280	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8151A	1/1/2011		3550B	DE045	12.1	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.085	0.19	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8151A	1/1/2011		3550B	DE045	12.1	1	93-76-5	2,4,5-T	0.19	U	0.093	0.19	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8151A	1/1/2011		3550B	DE045	12.1	1	94-74-6	MCPA	490	U	490	490	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8151A	1/1/2011		3550B	DE045	12.1	1	94-75-7	2,4-D	4.1	U	1.4	4.1	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8151A	1/1/2011		3550B	DE045	12.1	1	94-82-6	2,4-DB	1.9	U	1.7	1.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	100-01-6	4-NITROANILINE	190	U	76	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	100-02-7	4-NITROPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	100-51-6	BENZYL ALCOHOL	570	U	190	570	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	106-44-5	4-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	106-47-8	4-CHLOROANILINE	190	U	76	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	108-68-9	3,5-Dimethylphenol	190	U	38	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	121-14-2	2,4-DINITROTOLUENE	190	U	38	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	51-28-5	2,4-DINITROPHENOL	2300	U	760	2300	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	62-53-3	ANILINE	570	U	190	570	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	65-85-0	BENZOIC ACID	570	U	190	570	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	38	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	570	U	190	570	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	87-68-3	HEXACHLOROBUTADIENE	190	U	76	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	87-86-5	PENTACHLOROPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	91-94-1	3,3'-DICHLOROBENZIDINE	380	U	110	380	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	92-87-5	BENZIDINE	3800	U	1300	3800	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	95-48-7	2-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C	1/18/2011		3550B	DE045	12.1	1	99-09-2	3-NITROANILINE	190	U	38	190	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	41		6.8	20	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	117-84-0	Di-n-octylphthalate	20	U	6.8	20	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	120-12-7	ANTHRACENE	0.63	J	0.38	1.9	ug/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	129-00-0	PYRENE	2.8		0.76	1.9	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	131-11-3	Dimethylphthalate	20	U	6.8	20	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	191-24-2	BENZO(G,H,I)PERYLENE	0.77	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	205-99-2	BENZO(B)FLUORANTHENE	3.4		0.76	1.9	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	206-44-0	FLUORANTHENE	4.1		0.76	1.9	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	207-08-9	BENZO(K)FLUORANTHENE	1.3	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	218-01-9	CHRYSENE	5.8		0.38	1.9	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	50-32-8	BENZO(A)PYRENE	0.96	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	56-55-3	BENZO(A)ANTHRACENE	1.3	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	83-32-9	ACENAPHTHENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	84-66-2	Diethylphthalate	20	U	6.8	20	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	84-74-2	Di-n-butylphthalate	20	U	6.8	20	ug/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	85-01-8	PHENANTHRENE	6.8		0.76	1.9	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	85-68-7	Butylbenzylphthalate	7.1	J	6.8	20	ug/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	86-73-7	FLUORENE	3		0.76	1.9	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	90-12-0	1-METHYLNAPHTHALENE	1.8	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	91-20-3	NAPHTHALENE	3.8		0.76	1.9	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	8270C SIM	1/11/2011		3550B	DE045	12.1	1	91-57-6	2-METHYLNAPHTHALENE	2.1		0.76	1.9	ug/kg					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	9045M	12/21/2010		Gen Prep	DE045	12.1	1	pH	PH	7.16		0.0100	0.0100	pH unit					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169022	ASTM D1498	12/21/2010		Gen Prep	DE045	12.1	1	REDOX	Oxidation Reduction Potential	509		10.0	10.0	mv					MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	2/6/2011		METHOD	DX029	12.1	1	51207-31-9	2,3,7,8-TCDF	1.76		0.0584	1.14	ng/kg		B		Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	1746-01-6	2,3,7,8-TCDD	0.0787	J	0.0567	1.14	ng/kg	J	J	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	19408-74-3	1,2,3,7,8,9-HXCDD	1.21	J	0.0709	5.69	ng/kg	J	JB	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	3268-87-9	OCDD	236		0.0587	11.4	ng/kg		B			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	27.7		0.0706	5.69	ng/kg		B			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	39001-02-0	OCDF	4.93	J	0.0487	11.4	ng/kg	J	JB	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	39227-28-6	1,2,3,4,7,8-HxCDD	5.69	U	0.0714	5.69	ng/kg	U	JB	U	B, Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	40321-76-4	1,2,3,7,8-PECDD	5.69	U	0.0919	5.69	ng/kg		U			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	51207-31-9	2,3,7,8-TCDF	1.74		0.154	1.14	ng/kg				Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.69	U	0.0485	5.69	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	57117-31-4	2,3,4,7,8-PECDF	1.66	J	0.0580	5.69	ng/kg	J	JB	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	57117-41-6	1,2,3,7,8-PECDF	11.7		0.0613	5.69	ng/kg		B			MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.69	U	0.0576	5.69	ng/kg	U	JB	U	B, Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	57653-85-7	1,2,3,6,7,8-HXCDD	1.56	J	0.0747	5.69	ng/kg	J	JB	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.69	U	0.0596	5.69	ng/kg	U	JB	U	B, Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.69	U	0.0356	5.69	ng/kg	U	JB	U	B, Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	70648-26-9	1,2,3,4,7,8-HXCDF	1.12	J	0.0610	5.69	ng/kg	J	JB	J	Z	MDL	PQL	6344480.717	1907070.218
SED-001-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169037	1613B	1/28/2011		METHOD	DX029	12.1	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.69	U	0.0625	5.69	ng/kg	U	JB	U	B, Z	MDL	PQL	6344480.717	1907070.218
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	160.3M	1/7/2011		Gen Prep	DE050	16.4	1	MOIST	MOISTURE	16.4		0.50	0.50	%					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	300.0	1/14/2011		METHOD	DE050	16.4	1	16984-48-8	FLUORIDE	1.1	J	0.96	1.2	mg/kg	J	J	J	FD, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	314.0	1/14/2011		METHOD	DE050	16.4	1	14797-73-0	PERCHLORATE	35.9	U	10.8	35.9	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7429-90-5	ALUMINUM	14600		5.73	22.8	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7439-89-6	IRON	22100		5.37	22.8	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7439-93-2	LITHIUM	29.2		0.25	2.3	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7439-95-4	MAGNESIUM	6260		2.89	11.4	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7439-96-5	MANGANESE	332		0.0889	0.570	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7440-09-7	POTASSIUM	3940		20.5	57.0	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7440-23-5	SODIUM	74.9	J	42.5	114	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7440-24-6	STRONTIUM	13.6		0.0706	0.570	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7440-31-5	TIN	11.4	U	1.14	11.4	mg/kg	U	J	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7440-32-6	TITANIUM	1360		0.433	1.14	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7440-42-8	BORON	4.65	J	1.01	5.70	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7440-67-7	Zirconium	4.42	J	0.957	5.70	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7440-70-2	CALCIUM	2940		6.98	22.8	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6010B	12/30/2010	NA	3050B	DE050	16.4	1	7723-14-0	PHOSPHORUS	501		0.638	11.4	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7782-49-2	SELENIUM	0.153	J	0.0469	0.469	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7439-98-7	MOLYBDENUM	0.457	J	0.0586	0.117	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-39-3	BARIUM	104		0.127	0.469	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7439-92-1	LEAD	10	J	0.0122	0.235	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-02-0	NICKEL	12.1	J	0.117	0.469	mg/kg	J		J	Q, *#	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-22-4	SILVER	0.0286	J	0.0141	0.117	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-28-0	THALLIUM	0.296		0.0352	0.117	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-36-0	ANTIMONY	0.111	J	0.0704	0.235	mg/kg	J	J	J	Q, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-38-2	ARSENIC	6.18	J	0.0704	0.469	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-41-7	BERYLLIUM	0.574		0.0188	0.117	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-43-9	CADMIUM	0.233	J	0.0422	0.117	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-47-3	CHROMIUM	20.4	J	0.141	0.469	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-48-4	COBALT	5.89	J	0.0235	0.117	mg/kg	J		J	*#	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-50-8	COPPER	8.69	J	0.0774	0.469	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-62-2	VANADIUM	42.4	J	0.0258	0.117	mg/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	6020	1/3/2011	NA	3050B	DE050	16.4	2	7440-66-6	ZINC	70.9		0.657	3.52	mg/kg					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	7199	1/23/2011		3060A	DE050	16.4	1	18540-29-9	HEXAVALENT CHROMIUM	0.25	J	0.24	1.2	mg/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	7471A	12/28/2010	NA	METHOD	DE050	16.4	1	7439-97-6	MERCURY	0.114	U	0.0033	0.114	mg/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	1024-57-3	HEPTACHLOR EPOXIDE	0.2	U	0.041	0.20	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	1031-07-8	ENDOSULFAN SULFATE	0.41	U	0.27	0.41	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	2385-85-5	MIREX	0.41	U	0.13	0.41	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	309-00-2	ALDRIN	0.2	U	0.079	0.20	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	319-84-6	ALPHA-BHC	0.2	UJ	0.041	0.20	ug/kg	UJ	U	UJ	L	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	319-85-7	BETA-BHC	0.2	U	0.072	0.20	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	319-86-8	DELTA-BHC	0.2	U	0.043	0.20	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	33213-65-9	ENDOSULFAN II	0.41	U	0.079	0.41	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	50-29-3	4,4'-DDT	0.55	U	0.55	0.55	ug/kg		U			MDL	PQL	6344349.523	1907255.432

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	53494-70-5	ENDRIN KETONE	0.41	U	0.079	0.41	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	57-74-9	Chlordane	4.1	U	0.96	4.1	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	58-89-9	gamma-BHC (Lindane)	0.2	UJ	0.041	0.20	ug/kg	UJ	U	UJ	L	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	60-57-1	DIELDRIN	0.41	U	0.079	0.41	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	72-20-8	ENDRIN	0.41	U	0.079	0.41	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	72-43-5	METHOXYCHLOR	2	U	0.41	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	72-54-8	4,4'-DDD	0.41	U	0.079	0.41	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	72-55-9	4,4'-DDE	0.41	U	0.39	0.41	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	7421-93-4	ENDRIN ALDEHYDE	0.41	U	0.079	0.41	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	76-44-8	HEPTACHLOR	0.2	U	0.072	0.20	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	8001-35-2	TOXAPHENE	7.9	U	2.6	7.9	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8081A	1/26/2011		3550B	DE050	16.4	1	959-98-8	ENDOSULFAN I	0.2	U	0.057	0.20	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	11096-82-5	AROCLOR 1260	0.65	J	0.39	2.0	ug/kg	J	J	J	S, Q, L, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	11097-69-1	AROCLOR 1254	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	11100-14-4	Aroclor 1268	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	11104-28-2	AROCLOR 1221	2	U	0.60	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	11126-42-4	Aroclor 5460	1.3	J	1.2	3.9	ug/kg	J	J	J	S, L, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	11141-16-5	AROCLOR 1232	2	U	0.62	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	12642-23-8	Aroclor 5442	3.9	UJ	1.2	3.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	12672-29-6	AROCLOR 1248	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	12674-11-2	AROCLOR 1016	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	37324-23-5	Aroclor 1262	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	53469-21-9	AROCLOR 1242	2	U	0.60	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8082	1/6/2011		3550B	DE050	16.4	1	63496-31-1	Aroclor 5432	3.9	UJ	1.2	3.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8151A	1/7/2011		3550B	DE050	16.4	1	120-36-5	DICHLOROPROP	2	UJ	0.96	2.0	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8151A	1/7/2011		3550B	DE050	16.4	1	1918-00-9	DICAMBA	1.4	UJ	0.48	1.4	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8151A	1/7/2011		3550B	DE050	16.4	1	75-99-0	DALAPON	11	U	5.3	11	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8151A	1/7/2011		3550B	DE050	16.4	1	88-85-7	DINOSEB	2.9	R	0.96	2.9	ug/kg	R	U	R	L	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8151A	1/7/2011		3550B	DE050	16.4	1	93-65-2	MCPP	300	U	90	300	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8151A	1/7/2011		3550B	DE050	16.4	1	93-72-1	2,4,5-TP (Silvex)	0.2	UJ	0.090	0.20	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8151A	1/7/2011		3550B	DE050	16.4	1	93-76-5	2,4,5-T	0.2	U	0.098	0.20	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8151A	1/7/2011		3550B	DE050	16.4	1	94-74-6	MCPA	300	U	91	300	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8151A	1/7/2011		3550B	DE050	16.4	1	94-75-7	2,4-D	4.3	U	1.4	4.3	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8151A	1/7/2011		3550B	DE050	16.4	1	94-82-6	2,4-DB	3.7	U	3.7	3.7	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	100-01-6	4-NITROANILINE	200	U	80	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	100-02-7	4-NITROPHENOL	600	U	200	600	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	100-51-6	BENZYL ALCOHOL	600	U	200	600	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	105-67-9	2,4-DIMETHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	106-44-5	4-METHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	106-46-7	1,4-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	106-47-8	4-CHLOROANILINE	200	U	80	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	108-68-9	3,5-Dimethylphenol	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	108-95-2	PHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	45	J	20	400	ug/kg	J	J	J	FD, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	118-74-1	HEXACHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	120-82-1	1,2,4-TRICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	120-83-2	2,4-DICHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	121-14-2	2,4-DINITROTOLUENE	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	132-64-9	DIBENZOFURAN	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	51-28-5	2,4-DINITROPHENOL	2400	U	800	2400	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	600	U	200	600	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	541-73-1	1,3-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	59-50-7	4-CHLORO-3-METHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	606-20-2	2,6-DINITROTOLUENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	62-53-3	ANILINE	600	U	200	600	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	65-85-0	BENZOIC ACID	600	U	200	600	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	67-72-1	HEXACHLOROETHANE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	600	U	200	600	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	78-59-1	ISOPHORONE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	86-30-6	N-NITROSODIPHENYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	86-74-8	CARBAZOLE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	87-68-3	HEXACHLOROBUTADIENE	200	U	80	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	87-86-5	PENTACHLOROPHENOL	600	U	200	600	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	88-06-2	2,4,6-TRICHLOROPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	88-74-4	2-NITROANILINE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	88-75-5	2-NITROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	91-58-7	2-CHLORONAPHTHALENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	91-94-1	3,3'-DICHLOROBENZIDINE	400	U	120	400	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	92-87-5	BENZIDINE	4000	UJ	1400	4000	ug/kg	UJ	U	UJ	Q	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	95-48-7	2-METHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	95-50-1	1,2-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	95-57-8	2-CHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	95-95-4	2,4,5-TRICHLOROPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	98-95-3	NITROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C	1/18/2011		3550B	DE050	16.4	1	99-09-2	3-NITROANILINE	200	U	40	200	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	117-84-0	Di-n-octylphthalate	22	U	7.2	22	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	120-12-7	ANTHRACENE	2	U	0.40	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	129-00-0	PYRENE	1.3	J	0.80	2.0	ug/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	131-11-3	Dimethylphthalate	22	U	7.2	22	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	191-24-2	BENZO(G,H,I)PERYLENE	2	UJ	0.80	2.0	ug/kg	UJ	U	UJ	Q	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	205-99-2	BENZO(B)FLUORANTHENE	1.3	J	0.80	2.0	ug/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	206-44-0	FLUORANTHENE	1.1	J	0.80	2.0	ug/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	207-08-9	BENZO(K)FLUORANTHENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	208-96-8	ACENAPHTHYLENE	2	UJ	0.40	2.0	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	218-01-9	CHRYSENE	0.9	J	0.40	2.0	ug/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	50-32-8	BENZO(A)PYRENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	56-55-3	BENZO(A)ANTHRACENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	62-75-9	N-NITROSODIMETHYLAMINE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	83-32-9	ACENAPHTHENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	84-66-2	Diethylphthalate	22	U	7.2	22	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	84-74-2	Di-n-butylphthalate	22	U	7.2	22	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	85-01-8	PHENANTHRENE	0.93	J	0.80	2.0	ug/kg	J	J	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	85-68-7	Butylbenzylphthalate	22	U	7.2	22	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	86-73-7	FLUORENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	90-12-0	1-METHYLNAPHTHALENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	91-20-3	NAPHTHALENE	2.6	J	0.80	2.0	ug/kg	J		J	Q	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	8270C SIM	1/12/2011		3550B	DE050	16.4	1	91-57-6	2-METHYLNAPHTHALENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	9045M	12/27/2010		Gen Prep	DE050	16.4	1	pH	PH	6.51		0.0100	0.0100	pH unit					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172316	ASTM D1498	12/27/2010		Gen Prep	DE050	16.4	1	REDOX	Oxidation Reduction Potential	536		10.0	10.0	mv					MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	1746-01-6	2,3,7,8-TCDD	1.2	U	0.0480	1.20	ng/kg		U			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	19408-74-3	1,2,3,7,8,9-HXCDD	5.98	U	0.0422	5.98	ng/kg	U	JB	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	3268-87-9	OCDD	13.8		0.0410	12.0	ng/kg		B			MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	2.08	J	0.0438	5.98	ng/kg	J	JB	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	39001-02-0	OCDF	12	U	0.0444	12.0	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	39227-28-6	1,2,3,4,7,8-HxCDD	5.98	U	0.0421	5.98	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	40321-76-4	1,2,3,7,8-PECDD	5.98	U	0.0465	5.98	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	51207-31-9	2,3,7,8-TCDF	0.112	J	0.0642	1.20	ng/kg	J	JQ	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.98	U	0.0337	5.98	ng/kg	U	JB	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	57117-31-4	2,3,4,7,8-PECDF	5.98	U	0.0300	5.98	ng/kg	U	JB	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	57117-41-6	1,2,3,7,8-PECDF	5.98	U	0.0301	5.98	ng/kg	U	JB	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.98	U	0.0279	5.98	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.149	J	0.0432	5.98	ng/kg	J	JBQ	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.98	U	0.0306	5.98	ng/kg	U	JB	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.578	J	0.0245	5.98	ng/kg	J	JB	J	Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.98	U	0.0312	5.98	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-002-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172363	1613B	1/29/2011		METHOD	DX033	16.4	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.98	U	0.0348	5.98	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344349.523	1907255.432
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	160.3M	1/6/2011		Gen Prep	DE046	26.1	1	MOIST	MOISTURE	26.1		0.50	0.50	%					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	300.0	1/14/2011		METHOD	DE046	26.1	1	16984-48-8	FLUORIDE	2.9	J	1.1	1.4	mg/kg	J		J	Q	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	314.0	1/12/2011		METHOD	DE046	26.1	1	14797-73-0	PERCHLORATE	40.6	U	12.2	40.6	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7440-31-5	TIN	12.9	U	1.29	12.9	mg/kg	U	J	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7429-90-5	ALUMINUM	10400		6.48	25.8	mg/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7439-89-6	IRON	14800		6.07	25.8	mg/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7439-93-2	LITHIUM	20.3	J	0.28	2.6	mg/kg	J		J	*#	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7439-95-4	MAGNESIUM	3220		3.27	12.9	mg/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7439-96-5	MANGANESE	190		0.101	0.644	mg/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7440-09-7	POTASSIUM	2930		23.2	64.4	mg/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7440-23-5	SODIUM	99.8	J	48.1	129	mg/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7440-24-6	STRONTIUM	14.6	J	0.0799	0.644	mg/kg	J		J	*#	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7440-32-6	TITANIUM	856		0.490	1.29	mg/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7440-42-8	BORON	5.57	J	1.15	6.44	mg/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7440-67-7	Zirconium	1.21	J	1.08	6.44	mg/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7440-70-2	CALCIUM	2810		7.90	25.8	mg/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6010B	12/30/2010	NA	3050B	DE046	26.1	1	7723-14-0	PHOSPHORUS	378		0.722	12.9	mg/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/6/2011	NA	3050B	DE046	26.1	2	7782-49-2	SELENIUM	0.155	J	0.0531	0.531	mg/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7439-98-7	MOLYBDENUM	0.396	J	0.0663	0.133	mg/kg	J		J	E, Q	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-39-3	BARIUM	101	J	0.143	0.531	mg/kg	J		J	E, *#	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7439-92-1	LEAD	11	J	0.0138	0.265	mg/kg	J		J	E, *#	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-02-0	NICKEL	11.2	J	0.133	0.531	mg/kg	J		J	E, Q, *#	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-22-4	SILVER	0.0333	J	0.0159	0.133	mg/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-28-0	THALLIUM	0.291	J	0.0398	0.133	mg/kg	J		J	Q	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-36-0	ANTIMONY	0.265	UJ	0.0796	0.265	mg/kg	UJ	J	UJ	B, Q, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-38-2	ARSENIC	8.91	J	0.0796	0.531	mg/kg	J		J	E, Q	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-41-7	BERYLLIUM	0.565		0.0212	0.133	mg/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-43-9	CADMIUM	0.164	J	0.0478	0.133	mg/kg	J		J	Q	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-47-3	CHROMIUM	17.3	J	0.159	0.531	mg/kg	J		J	E	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-48-4	COBALT	6.47	J	0.0265	0.133	mg/kg	J		J	E	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-50-8	COPPER	8.4	J	0.0876	0.531	mg/kg	J		J	E	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-62-2	VANADIUM	36.5	J	0.0292	0.133	mg/kg	J		J	E, Q, *#	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	6020	1/5/2011	NA	3050B	DE046	26.1	2	7440-66-6	ZINC	71.6	J	0.743	3.98	mg/kg	J		J	E, *#	MDL	PQL	6344801.091	1907465.272

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	7199	1/20/2011		3060A	DE046	26.1	1	18540-29-9	HEXAVALENT CHROMIUM	1.4	U	0.27	1.4	mg/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	7471A	12/28/2010	NA	METHOD	DE046	26.1	1	7439-97-6	MERCURY	0.0761	J	0.0037	0.128	mg/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	5	50-29-3	4,4'-DDT	11		0.45	2.3	ug/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	1024-57-3	HEPTACHLOR EPOXIDE	0.74	U	0.74	0.74	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	1031-07-8	ENDOSULFAN SULFATE	0.46	U	0.089	0.46	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	2385-85-5	MIREX	0.46	U	0.089	0.46	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	309-00-2	ALDRIN	0.22	U	0.089	0.22	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	319-84-6	ALPHA-BHC	0.22	U	0.046	0.22	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	319-85-7	BETA-BHC	0.22	U	0.081	0.22	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	319-86-8	DELTA-BHC	0.22	U	0.049	0.22	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	33213-65-9	ENDOSULFAN II	1.7	U	1.7	1.7	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	53494-70-5	ENDRIN KETONE	0.46	U	0.089	0.46	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	57-74-9	Chlordane	4.6	U	1.1	4.6	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	58-89-9	gamma-BHC (Lindane)	0.058	J	0.046	0.22	ug/kg	J	J	J	S, Z, *#	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	60-57-1	DIELDRIN	0.93	U	0.93	0.93	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	72-20-8	ENDRIN	1.2	J	0.089	0.46	ug/kg	J		J	S, *#	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	72-43-5	METHOXYCHLOR	2.2	U	0.46	2.2	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	72-54-8	4,4'-DDD	0.46	U	0.22	0.46	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	72-55-9	4,4'-DDE	2.7	U	2.7	2.7	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	7421-93-4	ENDRIN ALDEHYDE	0.8	U	0.80	0.80	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	76-44-8	HEPTACHLOR	0.22	U	0.081	0.22	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	8001-35-2	TOXAPHENE	8.9	U	3.0	8.9	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8081A	1/14/2011		3550B	DE046	26.1	1	959-98-8	ENDOSULFAN I	0.22	U	0.060	0.22	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	11096-82-5	AROCLOR 1260	45		2.2	12	ug/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	11097-69-1	AROCLOR 1254	63		2.2	12	ug/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	11100-14-4	Aroclor 1268	12	U	2.2	12	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	11104-28-2	AROCLOR 1221	12	U	3.4	12	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	11126-42-4	Aroclor 5460	22	UJ	6.8	22	ug/kg	UJ	U	UJ	L	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	11141-16-5	AROCLOR 1232	12	U	3.5	12	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	12642-23-8	Aroclor 5442	22	UJ	6.8	22	ug/kg	UJ	U	UJ	L	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	12672-29-6	AROCLOR 1248	12	U	2.2	12	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	12674-11-2	AROCLOR 1016	12	U	2.2	12	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	37324-23-5	Aroclor 1262	12	U	2.2	12	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	53469-21-9	AROCLOR 1242	12	U	3.4	12	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8082	12/31/2010		3550B	DE046	26.1	5	63496-31-1	Aroclor 5432	22	UJ	6.8	22	ug/kg	UJ	U	UJ	L	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8151A	1/6/2011		3550B	DE046	26.1	1	120-36-5	DICHLOROPROP	2.3	U	1.1	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8151A	1/6/2011		3550B	DE046	26.1	1	1918-00-9	DICAMBA	1.6	U	0.54	1.6	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8151A	1/6/2011		3550B	DE046	26.1	1	75-99-0	DALAPON	12	UJ	6.0	12	ug/kg	UJ	U	UJ	C	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8151A	1/6/2011		3550B	DE046	26.1	1	88-85-7	DINOSEB	3.2	UJ	1.1	3.2	ug/kg	UJ	U	UJ	C	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8151A	1/6/2011		3550B	DE046	26.1	1	93-65-2	MCPP	220	J	100	340	ug/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8151A	1/6/2011		3550B	DE046	26.1	1	93-72-1	2,4,5-TP (Silvex)	0.23	U	0.10	0.23	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8151A	1/6/2011		3550B	DE046	26.1	1	93-76-5	2,4,5-T	0.23	U	0.11	0.23	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8151A	1/6/2011		3550B	DE046	26.1	1	94-74-6	MCPA	340	J	100	340	ug/kg	J	J	J	*#	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8151A	1/6/2011		3550B	DE046	26.1	1	94-75-7	2,4-D	4.9	UJ	1.6	4.9	ug/kg	UJ	U	UJ	C	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8151A	1/6/2011		3550B	DE046	26.1	1	94-82-6	2,4-DB	2.3	U	0.92	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	100-01-6	4-NITROANILINE	230	U	90	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	100-02-7	4-NITROPHENOL	680	U	230	680	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	100-51-6	BENZYL ALCOHOL	680	U	230	680	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	105-67-9	2,4-DIMETHYLPHENOL	230	U	45	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	106-44-5	4-METHYLPHENOL	230	U	45	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	106-46-7	1,4-DICHLOROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	106-47-8	4-CHLOROANILINE	230	U	90	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	108-68-9	3,5-Dimethylphenol	230	U	45	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	108-95-2	PHENOL	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	118-74-1	HEXACHLOROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	120-82-1	1,2,4-TRICHLOROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	120-83-2	2,4-DICHLOROPHENOL	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	121-14-2	2,4-DINITROTOLUENE	230	U	45	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	132-64-9	DIBENZOFURAN	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	51-28-5	2,4-DINITROPHENOL	2700	U	900	2700	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	680	U	230	680	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	541-73-1	1,3-DICHLOROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	59-50-7	4-CHLORO-3-METHYLPHENOL	230	U	45	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	606-20-2	2,6-DINITROTOLUENE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	62-53-3	ANILINE	680	U	230	680	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	65-85-0	BENZOIC ACID	680	U	230	680	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	67-72-1	HEXACHLOROETHANE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	230	U	45	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	680	U	230	680	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	78-59-1	ISOPHORONE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	86-30-6	N-NITROSODIPHENYLAMINE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	86-74-8	CARBAZOLE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	87-68-3	HEXACHLOROBUTADIENE	230	U	90	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	87-86-5	PENTACHLOROPHENOL	680	U	230	680	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	88-06-2	2,4,6-TRICHLOROPHENOL	230	U	45	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	88-74-4	2-NITROANILINE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	88-75-5	2-NITROPHENOL	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	91-58-7	2-CHLORONAPHTHALENE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	91-94-1	3,3'-DICHLOROBENZIDINE	450	U	140	450	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	92-87-5	BENZIDINE	4500	U	1600	4500	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	95-48-7	2-METHYLPHENOL	230	U	45	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	95-50-1	1,2-DICHLOROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	95-57-8	2-CHLOROPHENOL	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	95-95-4	2,4,5-TRICHLOROPHENOL	230	U	45	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	98-95-3	NITROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C	1/18/2011		3550B	DE046	26.1	1	99-09-2	3-NITROANILINE	230	U	45	230	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	38		8.1	24	ug/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	117-84-0	Di-n-octylphthalate	24	U	8.1	24	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	120-12-7	ANTHRACENE	2.3	U	0.45	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	129-00-0	PYRENE	1.3	J	0.90	2.3	ug/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	131-11-3	Dimethylphthalate	24	U	8.1	24	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	191-24-2	BENZO(G,H,I)PERYLENE	1	J	0.90	2.3	ug/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2.3	U	0.90	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	205-99-2	BENZO(B)FLUORANTHENE	1.9	J	0.90	2.3	ug/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	206-44-0	FLUORANTHENE	1.5	J	0.90	2.3	ug/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	207-08-9	BENZO(K)FLUORANTHENE	2.3	U	0.90	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	208-96-8	ACENAPHTHYLENE	2.3	U	0.45	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	218-01-9	CHRYSENE	7.1		0.45	2.3	ug/kg					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	50-32-8	BENZO(A)PYRENE	2.3	U	0.90	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.3	U	0.90	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	56-55-3	BENZO(A)ANTHRACENE	2.3	U	0.90	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	62-75-9	N-NITROSODIMETHYLAMINE	2.3	U	0.90	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	83-32-9	ACENAPHTHENE	2.3	U	0.90	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	84-66-2	Diethylphthalate	24	U	8.1	24	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	84-74-2	Di-n-butylphthalate	24	U	8.1	24	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	85-01-8	PHENANTHRENE	1.3	J	0.90	2.3	ug/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	85-68-7	Butylbenzylphthalate	17	J	8.1	24	ug/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	86-73-7	FLUORENE	2.3	U	0.90	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	90-12-0	1-METHYLNAPHTHALENE	2.3	U	0.90	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	91-20-3	NAPHTHALENE	0.91	J	0.90	2.3	ug/kg	J	J	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	8270C SIM	1/11/2011		3550B	DE046	26.1	1	91-57-6	2-METHYLNAPHTHALENE	2.3	U	0.90	2.3	ug/kg		U			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	9045M	12/27/2010		Gen Prep	DE046	26.1	1	pH	PH	7.06		0.0100	0.0100	pH unit					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172037	ASTM D1498	12/27/2010		Gen Prep	DE046	26.1	1	REDOX	Oxidation Reduction Potential	344		10.0	10.0	mv					MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	1746-01-6	2,3,7,8-TCDD	0.108	J	0.0541	1.35	ng/kg	J	JQ	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	19408-74-3	1,2,3,7,8,9-HXCDD	6.77	U	0.0752	6.77	ng/kg	U	JB	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	3268-87-9	OCDD	223		0.0706	13.5	ng/kg		B			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	22.1		0.0862	6.77	ng/kg		B			MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	39001-02-0	OCDF	8.23	J	0.0748	13.5	ng/kg	J	JB	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	39227-28-6	1,2,3,4,7,8-HxCDD	6.77	U	0.0760	6.77	ng/kg	U	JB	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	40321-76-4	1,2,3,7,8-PECDD	6.77	U	0.0816	6.77	ng/kg	U	JB	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	51207-31-9	2,3,7,8-TCDF	0.719	J	0.124	1.35	ng/kg	J	JQ	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.77	U	0.0502	6.77	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	57117-31-4	2,3,4,7,8-PECDF	6.77	U	0.0490	6.77	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	57117-41-6	1,2,3,7,8-PECDF	1.98	J	0.0510	6.77	ng/kg	J	JB	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	57117-44-9	1,2,3,6,7,8-HXCDF	6.77	U	0.0486	6.77	ng/kg	U	JB	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	57653-85-7	1,2,3,6,7,8-HXCDD	1.06	J	0.0809	6.77	ng/kg	J	JB	J	Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.77	U	0.0522	6.77	ng/kg	U	JB	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	6.77	U	0.0299	6.77	ng/kg	U	JB	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	70648-26-9	1,2,3,4,7,8-HXCDF	6.77	U	0.0536	6.77	ng/kg	U	JB	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-003-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172047	1613B	1/28/2011		METHOD	DX029	26.1	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.77	U	0.0609	6.77	ng/kg	U	JB	U	B, Z	MDL	PQL	6344801.091	1907465.272
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	60-57-1	DIELDRIN	0.42	R	0.082	0.42	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	72-20-8	ENDRIN	0.42	R	0.082	0.42	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	72-43-5	METHOXYCHLOR	2.1	R	0.42	2.1	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	72-54-8	4,4'-DDD	0.42	R	0.082	0.42	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	72-55-9	4,4'-DDE	0.42	R	0.082	0.42	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	7421-93-4	ENDRIN ALDEHYDE	0.42	R	0.082	0.42	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	76-44-8	HEPTACHLOR	0.21	R	0.074	0.21	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	8001-35-2	TOXAPHENE	8.2	R	2.7	8.2	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	959-98-8	ENDOSULFAN I	0.21	R	0.054	0.21	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	11096-82-5	AROCLOR 1260	2.1		0.41	2.1	ug/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	11097-69-1	AROCLOR 1254	3.2		0.41	2.1	ug/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	11100-14-4	Aroclor 1268	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	11104-28-2	AROCLOR 1221	2.1	U	0.62	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	11126-42-4	Aroclor 5460	4.1	UJ	1.2	4.1	ug/kg	UJ	U	UJ	L	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	11141-16-5	AROCLOR 1232	2.1	U	0.64	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	12642-23-8	Aroclor 5442	4.1	UJ	1.2	4.1	ug/kg	UJ	U	UJ	L	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	12672-29-6	AROCLOR 1248	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	12674-11-2	AROCLOR 1016	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	37324-23-5	Aroclor 1262	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	53469-21-9	AROCLOR 1242	2.1	U	0.62	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8082	1/6/2011		3550B	DE045	19.2	1	63496-31-1	Aroclor 5432	4.1	UJ	1.2	4.1	ug/kg	UJ	U	UJ	L	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8151A	1/1/2011		3550B	DE045	19.2	1	120-36-5	DICHLOROPROP	2.1	U	0.99	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8151A	1/1/2011		3550B	DE045	19.2	1	1918-00-9	DICAMBA	1.5	U	0.50	1.5	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8151A	1/1/2011		3550B	DE045	19.2	1	75-99-0	DALAPON	11	U	5.4	11	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8151A	1/1/2011		3550B	DE045	19.2	1	88-85-7	DINOSEB	3	R	0.99	3.0	ug/kg	R	U	R	L	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8151A	1/1/2011		3550B	DE045	19.2	1	93-65-2	MCPP	310	U	93	310	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8151A	1/1/2011		3550B	DE045	19.2	1	93-72-1	2,4,5-TP (Silvex)	0.21	U	0.093	0.21	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8151A	1/1/2011		3550B	DE045	19.2	1	93-76-5	2,4,5-T	0.21	U	0.10	0.21	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8151A	1/1/2011		3550B	DE045	19.2	1	94-74-6	MCPA	310	U	94	310	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8151A	1/1/2011		3550B	DE045	19.2	1	94-75-7	2,4-D	4.5	U	1.5	4.5	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8151A	1/1/2011		3550B	DE045	19.2	1	94-82-6	2,4-DB	2.1	U	0.77	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	100-01-6	4-NITROANILINE	210	U	83	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	100-02-7	4-NITROPHENOL	620	U	210	620	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	100-51-6	BENZYL ALCOHOL	620	U	210	620	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	105-67-9	2,4-DIMETHYLPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	106-44-5	4-METHYLPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	106-46-7	1,4-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	106-47-8	4-CHLOROANILINE	210	U	83	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	108-68-9	3,5-Dimethylphenol	210	U	41	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	108-95-2	PHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	118-74-1	HEXACHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	120-82-1	1,2,4-TRICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	120-83-2	2,4-DICHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	121-14-2	2,4-DINITROTOLUENE	210	U	41	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	132-64-9	DIBENZOFURAN	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	51-28-5	2,4-DINITROPHENOL	2500	U	830	2500	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	620	U	210	620	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	541-73-1	1,3-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	59-50-7	4-CHLORO-3-METHYLPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	606-20-2	2,6-DINITROTOLUENE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	62-53-3	ANILINE	620	U	210	620	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	65-85-0	BENZOIC ACID	620	U	210	620	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	67-72-1	HEXACHLOROETHANE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	210	U	41	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	620	U	210	620	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	78-59-1	ISOPHORONE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	86-30-6	N-NITROSODIPHENYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	86-74-8	CARBAZOLE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	87-68-3	HEXACHLOROBUTADIENE	210	U	83	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	87-86-5	PENTACHLOROPHENOL	620	U	210	620	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	88-06-2	2,4,6-TRICHLOROPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	88-74-4	2-NITROANILINE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	88-75-5	2-NITROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	91-58-7	2-CHLORONAPHTHALENE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	91-94-1	3,3'-DICHLOROBENZIDINE	410	U	120	410	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	92-87-5	BENZIDINE	4100	U	1400	4100	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	95-48-7	2-METHYLPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	95-50-1	1,2-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	95-57-8	2-CHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	95-95-4	2,4,5-TRICHLOROPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	98-95-3	NITROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C	1/18/2011		3550B	DE045	19.2	1	99-09-2	3-NITROANILINE	210	U	41	210	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	8.2	J	7.4	22	ug/kg	J	J	J	Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	117-84-0	Di-n-octylphthalate	22	U	7.4	22	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	120-12-7	ANTHRACENE	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	129-00-0	PYRENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	131-11-3	Dimethylphthalate	22	U	7.4	22	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	191-24-2	BENZO(G,H,I)PERYLENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	205-99-2	BENZO(B)FLUORANTHENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	206-44-0	FLUORANTHENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	207-08-9	BENZO(K)FLUORANTHENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	208-96-8	ACENAPHTHYLENE	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	218-01-9	CHRYSENE	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	50-32-8	BENZO(A)PYRENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	56-55-3	BENZO(A)ANTHRACENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	62-75-9	N-NITROSODIMETHYLAMINE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	83-32-9	ACENAPHTHENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	84-66-2	Diethylphthalate	22	U	7.4	22	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	84-74-2	Di-n-butylphthalate	22	U	7.4	22	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	85-01-8	PHENANTHRENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	85-68-7	Butylbenzylphthalate	22	U	7.4	22	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	86-73-7	FLUORENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	90-12-0	1-METHYLNAPHTHALENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	91-20-3	NAPHTHALENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8270C SIM	1/11/2011		3550B	DE045	19.2	1	91-57-6	2-METHYLNAPHTHALENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	9045M	12/21/2010		Gen Prep	DE045	19.2	1	pH	PH	7.88		0.0100	0.0100	pH unit					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	ASTM D1498	12/21/2010		Gen Prep	DE045	19.2	1	REDOX	Oxidation Reduction Potential	471		10.0	10.0	mv					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	160.3M	12/20/2010		Gen Prep	DE045	19.2	1	MOIST	MOISTURE	19.2		0.50	0.50	%					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	300.0	1/11/2011		METHOD	DE045	19.2	1	16984-48-8	FLUORIDE	1.3		0.99	1.2	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	314.0	1/11/2011		METHOD	DE045	19.2	1	14797-73-0	PERCHLORATE	37.1	U	11.1	37.1	ug/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7429-90-5	ALUMINUM	27300		6.23	24.8	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7439-89-6	IRON	32800		5.83	24.8	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7439-93-2	LITHIUM	34.3		0.27	2.5	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7439-95-4	MAGNESIUM	9100		3.14	12.4	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7439-96-5	MANGANESE	398		0.0965	0.619	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7440-09-7	POTASSIUM	6980		22.3	61.9	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7440-23-5	SODIUM	155		46.2	124	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7440-24-6	STRONTIUM	67.1		0.0767	0.619	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7440-31-5	TIN	12.4	U	1.24	12.4	mg/kg	U	J	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7440-32-6	TITANIUM	1550		0.470	1.24	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7440-42-8	BORON	15.7		1.10	6.19	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7440-67-7	Zirconium	6.96		1.04	6.19	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7440-70-2	CALCIUM	31400		7.59	24.8	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6010B	12/30/2010	NA	3050B	DE045	19.2	1	7723-14-0	PHOSPHORUS	641		0.693	12.4	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7439-92-1	LEAD	12.9	J	0.0125	0.240	mg/kg	J		J	Q	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-02-0	NICKEL	21.8	J	0.120	0.481	mg/kg	J		J	Q, *#	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-22-4	SILVER	0.0368	J	0.0144	0.120	mg/kg	J	J	J	Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-28-0	THALLIUM	0.454		0.0360	0.120	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-36-0	ANTIMONY	0.113	J	0.0721	0.240	mg/kg	J	J	J	Q, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-38-2	ARSENIC	8.81	J	0.0721	0.481	mg/kg	J		J	Q	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-41-7	BERYLLIUM	0.797		0.0192	0.120	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-43-9	CADMIUM	0.371	J	0.0433	0.120	mg/kg	J		J	Q	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-47-3	CHROMIUM	43.6	J	0.144	0.481	mg/kg	J		J	Q	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-48-4	COBALT	11.6	J	0.0240	0.120	mg/kg	J		J	*#	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-50-8	COPPER	17.8	J	0.0793	0.481	mg/kg	J		J	Q	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-62-2	VANADIUM	83.9	J	0.0264	0.120	mg/kg	J		J	Q	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-66-6	ZINC	113		0.673	3.60	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7782-49-2	SELENIUM	0.517		0.0481	0.481	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7439-98-7	MOLYBDENUM	0.614	J	0.0601	0.120	mg/kg	J		J	Q	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	6020	1/3/2011	NA	3050B	DE045	19.2	2	7440-39-3	BARIUM	147		0.130	0.481	mg/kg					MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	7199	1/20/2011		3060A	DE045	19.2	1	18540-29-9	HEXAVALENT CHROMIUM	0.37	J	0.25	1.2	mg/kg	J	J	J	Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	7471A	12/28/2010	NA	METHOD	DE045	19.2	1	7439-97-6	MERCURY	0.0343	J	0.0033	0.114	mg/kg	J	J	J	Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	1024-57-3	HEPTACHLOR EPOXIDE	0.21	R	0.042	0.21	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	1031-07-8	ENDOSULFAN SULFATE	0.42	R	0.082	0.42	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	2385-85-5	MIREX	0.42	R	0.082	0.42	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	309-00-2	ALDRIN	0.21	R	0.082	0.21	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	319-84-6	ALPHA-BHC	0.21	R	0.042	0.21	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	319-85-7	BETA-BHC	0.21	R	0.074	0.21	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	319-86-8	DELTA-BHC	0.21	R	0.045	0.21	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	33213-65-9	ENDOSULFAN II	0.42	R	0.14	0.42	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	50-29-3	4,4'-DDT	0.42	R	0.082	0.42	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	53494-70-5	ENDRIN KETONE	0.42	R	0.082	0.42	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	57-74-9	Chlordane	4.2	R	0.99	4.2	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169023	8081A	1/8/2011		3550B	DE045	19.2	1	58-89-9	gamma-BHC (Lindane)	0.21	R	0.042	0.21	ug/kg	R	U	R	S	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	1746-01-6	2,3,7,8-TCDD	1.24	U	0.0360	1.24	ng/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	19408-74-3	1,2,3,7,8,9-HXCDD	6.19	U	0.0725	6.19	ng/kg	U	JB	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	3268-87-9	OCDD	240		0.0682	12.4	ng/kg		B			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	21.9		0.0610	6.19	ng/kg		B			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	39001-02-0	OCDF	52.6		0.0569	12.4	ng/kg		B			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	39227-28-6	1,2,3,4,7,8-HxCDD	6.19	U	0.0691	6.19	ng/kg	U	JB	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	40321-76-4	1,2,3,7,8-PECDD	6.19	U	0.0458	6.19	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	51207-31-9	2,3,7,8-TCDF	1.24	U	0.0552	1.24	ng/kg		U			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.19	U	0.0632	6.19	ng/kg	U	JB	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	57117-31-4	2,3,4,7,8-PECDF	6.19	U	0.0295	6.19	ng/kg	U	JB	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	57117-41-6	1,2,3,7,8-PECDF	6.19	U	0.0295	6.19	ng/kg	U	JB	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	57117-44-9	1,2,3,6,7,8-HXCDF	6.19	U	0.0485	6.19	ng/kg	U	JB	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.85	J	0.0715	6.19	ng/kg	J	JB	J	Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.19	U	0.0548	6.19	ng/kg	U	JB	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	17.4		0.0458	6.19	ng/kg		B			MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	70648-26-9	1,2,3,4,7,8-HXCDF	6.19	U	0.0557	6.19	ng/kg	U	JB	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-004-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169038	1613B	1/28/2011		METHOD	DX029	19.2	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.19	U	0.0624	6.19	ng/kg	U	JB	U	B, Z	MDL	PQL	6344733.517	1906955.867
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	160.3M	1/6/2011		Gen Prep	DE046	19.1	1	MOIST	MOISTURE	19.1		0.50	0.50	%					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	300.0	1/14/2011		METHOD	DE046	19.1	1	16984-48-8	FLUORIDE	2.6	J	0.99	1.2	mg/kg	J		J	Q	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	314.0	1/12/2011		METHOD	DE046	19.1	1	14797-73-0	PERCHLORATE	37.1	U	11.1	37.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7440-31-5	TIN	12	U	1.20	12.0	mg/kg	U	J	U	B, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7429-90-5	ALUMINUM	15200		6.04	24.0	mg/kg					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7439-89-6	IRON	19200		5.65	24.0	mg/kg					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7439-93-2	LITHIUM	22.6	J	0.26	2.4	mg/kg	J		J	*#	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7439-95-4	MAGNESIUM	4420		3.05	12.0	mg/kg					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7439-96-5	MANGANESE	287		0.0936	0.600	mg/kg					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7440-09-7	POTASSIUM	3360		21.6	60.0	mg/kg					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7440-23-5	SODIUM	75.7	J	44.8	120	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7440-24-6	STRONTIUM	15.8	J	0.0744	0.600	mg/kg	J		J	*#	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7440-32-6	TITANIUM	1140		0.456	1.20	mg/kg					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7440-42-8	BORON	4.11	J	1.07	6.00	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7440-67-7	Zirconium	6	UJ	1.01	6.00	mg/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7440-70-2	CALCIUM	2560		7.36	24.0	mg/kg					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6010B	12/30/2010	NA	3050B	DE046	19.1	1	7723-14-0	PHOSPHORUS	451		0.672	12.0	mg/kg					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/6/2011	NA	3050B	DE046	19.1	2	7782-49-2	SELENIUM	0.199	J	0.0480	0.480	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7439-98-7	MOLYBDENUM	0.819	J	0.0600	0.120	mg/kg	J		J	E, Q	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-39-3	BARIUM	113	J	0.130	0.480	mg/kg	J		J	E, *#	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7439-92-1	LEAD	16.5	J	0.0125	0.240	mg/kg	J		J	E, *#	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-02-0	NICKEL	17.6	J	0.120	0.480	mg/kg	J		J	E, Q, *#	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-22-4	SILVER	0.0489	J	0.0144	0.120	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-28-0	THALLIUM	0.358	J	0.0360	0.120	mg/kg	J		J	Q	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-36-0	ANTIMONY	0.24	UJ	0.0720	0.240	mg/kg	UJ	J	UJ	B, Q, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-38-2	ARSENIC	5.63	J	0.0720	0.480	mg/kg	J		J	E, Q	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-41-7	BERYLLIUM	0.649		0.0192	0.120	mg/kg					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-43-9	CADMIUM	0.224	J	0.0432	0.120	mg/kg	J		J	Q	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-47-3	CHROMIUM	25.3	J	0.144	0.480	mg/kg	J		J	E	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-48-4	COBALT	6.97	J	0.0240	0.120	mg/kg	J		J	E	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-50-8	COPPER	11	J	0.0792	0.480	mg/kg	J		J	E	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-62-2	VANADIUM	43.7	J	0.0264	0.120	mg/kg	J		J	E, Q, *#	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	6020	1/5/2011	NA	3050B	DE046	19.1	2	7440-66-6	ZINC	82.4	J	0.672	3.60	mg/kg	J		J	E, *#	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	7199	1/20/2011		3060A	DE046	19.1	1	18540-29-9	HEXAVALENT CHROMIUM	0.6	J	0.25	1.2	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	7471A	12/28/2010	NA	METHOD	DE046	19.1	1	7439-97-6	MERCURY	0.0309	J	0.0035	0.120	mg/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	1024-57-3	HEPTACHLOR EPOXIDE	0.21	UJ	0.10	0.21	ug/kg	UJ	U	UJ	FD, S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	1031-07-8	ENDOSULFAN SULFATE	0.42	UJ	0.082	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	2385-85-5	MIREX	0.42	UJ	0.10	0.42	ug/kg	UJ	U	UJ	FD, S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	309-00-2	ALDRIN	0.21	UJ	0.082	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	319-84-6	ALPHA-BHC	0.21	UJ	0.042	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	319-85-7	BETA-BHC	0.21	UJ	0.074	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	319-86-8	DELTA-BHC	0.21	UJ	0.044	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	33213-65-9	ENDOSULFAN II	0.42	UJ	0.15	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	50-29-3	4,4'-DDT	0.83	UJ	0.83	0.83	ug/kg	UJ	U	UJ	FD, S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	53494-70-5	ENDRIN KETONE	0.42	UJ	0.082	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	57-74-9	Chlordane	4.2	UJ	3.3	4.2	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	58-89-9	gamma-BHC (Lindane)	0.21	UJ	0.042	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	60-57-1	DIELDRIN	0.42	UJ	0.082	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	72-20-8	ENDRIN	0.42	UJ	0.091	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	72-43-5	METHOXYCHLOR	2.1	UJ	0.42	2.1	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	72-54-8	4,4'-DDD	0.42	UJ	0.082	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	72-55-9	4,4'-DDE	0.53	UJ	0.53	0.53	ug/kg	UJ	U	UJ	FD, S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	7421-93-4	ENDRIN ALDEHYDE	0.42	UJ	0.19	0.42	ug/kg	UJ	U	UJ	FD, S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	76-44-8	HEPTACHLOR	0.21	UJ	0.074	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	8001-35-2	TOXAPHENE	8.2	UJ	2.7	8.2	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8081A	1/14/2011		3550B	DE046	19.1	1	959-98-8	ENDOSULFAN I	0.21	UJ	0.054	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	11096-82-5	AROCLOR 1260	4.2	J	0.82	4.2	ug/kg	J	J	J	FD, S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	11097-69-1	AROCLOR 1254	12	J	0.82	4.2	ug/kg	J		J	FD, S	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	11100-14-4	Aroclor 1268	4.2	U	0.82	4.2	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	11104-28-2	AROCLOR 1221	4.2	U	1.2	4.2	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	11126-42-4	Aroclor 5460	8	J	2.5	8.2	ug/kg	J	J	J	FD, S, L, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	11141-16-5	AROCLOR 1232	4.2	U	1.3	4.2	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	12642-23-8	Aroclor 5442	8.2	UJ	2.5	8.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	12672-29-6	AROCLOR 1248	4.2	U	0.82	4.2	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	12674-11-2	AROCLOR 1016	4.2	U	0.82	4.2	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	37324-23-5	Aroclor 1262	4.2	U	0.82	4.2	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	53469-21-9	AROCLOR 1242	4.2	U	1.2	4.2	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8082	12/31/2010		3550B	DE046	19.1	2	63496-31-1	Aroclor 5432	8.2	UJ	2.5	8.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8151A	1/6/2011		3550B	DE046	19.1	1	120-36-5	DICHLOROPROP	2.1	U	0.99	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8151A	1/6/2011		3550B	DE046	19.1	1	1918-00-9	DICAMBA	1.5	U	0.49	1.5	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8151A	1/6/2011		3550B	DE046	19.1	1	75-99-0	DALAPON	11	UJ	5.4	11	ug/kg	UJ	U	UJ	C	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8151A	1/6/2011		3550B	DE046	19.1	1	88-85-7	DINOSEB	3	UJ	0.99	3.0	ug/kg	UJ	U	UJ	C	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8151A	1/6/2011		3550B	DE046	19.1	1	93-65-2	MCPP	310	U	93	310	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8151A	1/6/2011		3550B	DE046	19.1	1	93-72-1	2,4,5-TP (Silvex)	0.21	UJ	0.093	0.21	ug/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8151A	1/6/2011		3550B	DE046	19.1	1	93-76-5	2,4,5-T	0.21	U	0.10	0.21	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8151A	1/6/2011		3550B	DE046	19.1	1	94-74-6	MCPA	310	U	94	310	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8151A	1/6/2011		3550B	DE046	19.1	1	94-75-7	2,4-D	4.4	UJ	1.5	4.4	ug/kg	UJ	U	UJ	C	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8151A	1/6/2011		3550B	DE046	19.1	1	94-82-6	2,4-DB	4.6	U	4.6	4.6	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	100-01-6	4-NITROANILINE	210	U	82	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	100-02-7	4-NITROPHENOL	620	U	210	620	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	100-51-6	BENZYL ALCOHOL	620	U	210	620	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	105-67-9	2,4-DIMETHYLPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	106-44-5	4-METHYLPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	106-46-7	1,4-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	106-47-8	4-CHLOROANILINE	210	U	82	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	108-68-9	3,5-Dimethylphenol	210	U	41	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	108-95-2	PHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	23	J	21	410	ug/kg	J	J	J	Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	118-74-1	HEXACHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	120-82-1	1,2,4-TRICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	120-83-2	2,4-DICHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	121-14-2	2,4-DINITROTOLUENE	210	U	41	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	132-64-9	DIBENZOFURAN	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	51-28-5	2,4-DINITROPHENOL	2500	U	820	2500	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	620	U	210	620	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	541-73-1	1,3-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	59-50-7	4-CHLORO-3-METHYLPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	606-20-2	2,6-DINITROTOLUENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	62-53-3	ANILINE	620	U	210	620	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	65-85-0	BENZOIC ACID	620	U	210	620	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	67-72-1	HEXACHLOROETHANE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	210	U	41	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	620	U	210	620	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	78-59-1	ISOPHORONE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	86-30-6	N-NITROSODIPHENYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	86-74-8	CARBAZOLE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	87-68-3	HEXACHLOROBUTADIENE	210	U	82	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	87-86-5	PENTACHLOROPHENOL	620	U	210	620	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	88-06-2	2,4,6-TRICHLOROPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	88-74-4	2-NITROANILINE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	88-75-5	2-NITROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	91-58-7	2-CHLORONAPHTHALENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	91-94-1	3,3'-DICHLOROBENZIDINE	410	U	120	410	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	92-87-5	BENZIDINE	4100	UJ	1400	4100	ug/kg	UJ	U	UJ	Q	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	95-48-7	2-METHYLPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	95-50-1	1,2-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	95-57-8	2-CHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	95-95-4	2,4,5-TRICHLOROPHENOL	210	U	41	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	98-95-3	NITROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C	1/18/2011		3550B	DE046	19.1	1	99-09-2	3-NITROANILINE	210	U	41	210	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	117-84-0	Di-n-octylphthalate	15	J	7.4	22	ug/kg	J	J	J	FD, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	120-12-7	ANTHRACENE	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	129-00-0	PYRENE	2.1	J	0.82	2.1	ug/kg	J		J	FD	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	131-11-3	Dimethylphthalate	22	U	7.4	22	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	J	0.82	2.1	ug/kg	J	J	J	FD, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.4	J	0.82	2.1	ug/kg	J	J	J	FD, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	205-99-2	BENZO(B)FLUORANTHENE	2.6	J	0.82	2.1	ug/kg	J		J	FD, C	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	206-44-0	FLUORANTHENE	2.6	J	0.82	2.1	ug/kg	J		J	FD	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	207-08-9	BENZO(K)FLUORANTHENE	0.84	J	0.82	2.1	ug/kg	J	J	J	FD, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	208-96-8	ACENAPHTHYLENE	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	218-01-9	CHRYSENE	2.6	J	0.41	2.1	ug/kg	J		J	FD	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	50-32-8	BENZO(A)PYRENE	1.2	J	0.82	2.1	ug/kg	J	J	J	FD, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.1	U	0.82	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	56-55-3	BENZO(A)ANTHRACENE	2.1	U	0.82	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	62-75-9	N-NITROSODIMETHYLAMINE	2.1	UJ	0.82	2.1	ug/kg	UJ	U	UJ	Q	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	83-32-9	ACENAPHTHENE	2.1	U	0.82	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	84-66-2	Diethylphthalate	22	U	7.4	22	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	84-74-2	Di-n-butylphthalate	22	U	7.4	22	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	85-01-8	PHENANTHRENE	1.6	J	0.82	2.1	ug/kg	J	J	J	FD, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	85-68-7	Butylbenzylphthalate	22	U	7.4	22	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	86-73-7	FLUORENE	2.1	U	0.82	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	90-12-0	1-METHYLNAPHTHALENE	2.1	U	0.82	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	91-20-3	NAPHTHALENE	2.1	U	0.82	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	8270C SIM	1/10/2011		3550B	DE046	19.1	1	91-57-6	2-METHYLNAPHTHALENE	2.1	U	0.82	2.1	ug/kg		U			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	9045M	12/27/2010		Gen Prep	DE046	19.1	1	pH	PH	6.64		0.0100	0.0100	pH unit					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172038	ASTM D1498	12/27/2010		Gen Prep	DE046	19.1	1	REDOX	Oxidation Reduction Potential	434		10.0	10.0	mv					MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	2/6/2011		METHOD	DX029	19.1	1	51207-31-9	2,3,7,8-TCDF	4.24		0.0488	1.24	ng/kg		B		Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	1746-01-6	2,3,7,8-TCDD	1.24	UJ	0.0511	1.24	ng/kg	UJ	U	UJ	FD	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.99	J	0.0604	6.18	ng/kg	J	JB	J	Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	3268-87-9	OCDD	62.3		0.0467	12.4	ng/kg		B			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	8.71		0.0585	6.18	ng/kg		B			MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	39001-02-0	OCDF	3.16	J	0.0512	12.4	ng/kg	J	JB	J	Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	39227-28-6	1,2,3,4,7,8-HxCDD	6.18	U	0.0614	6.18	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	40321-76-4	1,2,3,7,8-PECDD	6.18	U	0.0578	6.18	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	51207-31-9	2,3,7,8-TCDF	4.44		0.138	1.24	ng/kg				Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.18	U	0.0391	6.18	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	57117-31-4	2,3,4,7,8-PECDF	6.18	U	0.0475	6.18	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	57117-41-6	1,2,3,7,8-PECDF	2.12	J	0.0476	6.18	ng/kg	J	JB	J	Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	57117-44-9	1,2,3,6,7,8-HXCDF	6.18	U	0.0440	6.18	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.918	J	0.0655	6.18	ng/kg	J	JB	J	Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.18	U	0.0491	6.18	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	6.18	U	0.0267	6.18	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	70648-26-9	1,2,3,4,7,8-HXCDF	6.18	U	0.0514	6.18	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344803.704	1906894.735

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-005-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172048	1613B	1/28/2011		METHOD	DX029	19.1	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.18	U	0.0564	6.18	ng/kg	U	JB	U	B, Z	MDL	PQL	6344803.704	1906894.735
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-22-4	SILVER	0.0845	J	0.0147	0.122	mg/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-28-0	THALLIUM	0.449		0.0367	0.122	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-36-0	ANTIMONY	0.174	J	0.0734	0.245	mg/kg	J	J	J	Q, Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-38-2	ARSENIC	7.45	J	0.0734	0.490	mg/kg	J		J	Q	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-41-7	BERYLLIUM	0.991		0.0196	0.122	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-43-9	CADMIUM	0.752	J	0.0441	0.122	mg/kg	J		J	Q	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	1024-57-3	HEPTACHLOR EPOXIDE	0.21	UJ	0.072	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	1031-07-8	ENDOSULFAN SULFATE	0.42	UJ	0.11	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	2385-85-5	MIREX	0.42	UJ	0.082	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	309-00-2	ALDRIN	0.21	UJ	0.082	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	319-84-6	ALPHA-BHC	0.21	UJ	0.080	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	319-85-7	BETA-BHC	0.21	UJ	0.075	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	319-86-8	DELTA-BHC	0.14	J	0.045	0.21	ug/kg	J	J	J	S, Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	33213-65-9	ENDOSULFAN II	0.42	UJ	0.31	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	50-29-3	4,4'-DDT	1.2	UJ	1.2	1.2	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	53494-70-5	ENDRIN KETONE	0.42	UJ	0.36	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	57-74-9	Chlordane	4.2	UJ	4.1	4.2	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	58-89-9	gamma-BHC (Lindane)	0.21	UJ	0.042	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	60-57-1	DIELDRIN	0.5	UJ	0.50	0.50	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	72-20-8	ENDRIN	0.42	UJ	0.082	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	72-43-5	METHOXYCHLOR	2.1	UJ	0.42	2.1	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	72-54-8	4,4'-DDD	1.3	UJ	1.3	1.3	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	72-55-9	4,4'-DDE	1	UJ	1.0	1.0	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	7421-93-4	ENDRIN ALDEHYDE	0.42	UJ	0.082	0.42	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	76-44-8	HEPTACHLOR	0.21	UJ	0.075	0.21	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	8001-35-2	TOXAPHENE	8.2	UJ	2.7	8.2	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8081A	1/8/2011		3550B	DE045	19.9	1	959-98-8	ENDOSULFAN I	0.43	UJ	0.43	0.43	ug/kg	UJ	U	UJ	S	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	11096-82-5	AROCLOR 1260	4.9		0.41	2.1	ug/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	11097-69-1	AROCLOR 1254	4.8		0.41	2.1	ug/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	11100-14-4	Aroclor 1268	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	11104-28-2	AROCLOR 1221	2.1	U	0.62	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	11126-42-4	Aroclor 5460	7.6	J	1.2	4.1	ug/kg	J		J	L	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	11141-16-5	AROCLOR 1232	2.1	U	0.65	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	12642-23-8	Aroclor 5442	4.1	UJ	1.2	4.1	ug/kg	UJ	U	UJ	L	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	12672-29-6	AROCLOR 1248	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	12674-11-2	AROCLOR 1016	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	37324-23-5	Aroclor 1262	2.1	U	0.41	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	53469-21-9	AROCLOR 1242	2.1	U	0.62	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8082	1/6/2011		3550B	DE045	19.9	1	63496-31-1	Aroclor 5432	4.1	UJ	1.2	4.1	ug/kg	UJ	U	UJ	L	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8151A	1/1/2011		3550B	DE045	19.9	1	120-36-5	DICHLOROPROP	2	J	1.0	2.1	ug/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8151A	1/1/2011		3550B	DE045	19.9	1	1918-00-9	DICAMBA	0.78	J	0.50	1.5	ug/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8151A	1/1/2011		3550B	DE045	19.9	1	75-99-0	DALAPON	11	U	5.5	11	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8151A	1/1/2011		3550B	DE045	19.9	1	88-85-7	DINOSEB	3	R	1.0	3.0	ug/kg	R	U	R	L	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8151A	1/1/2011		3550B	DE045	19.9	1	93-65-2	MCPP	360		94	310	ug/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8151A	1/1/2011		3550B	DE045	19.9	1	93-72-1	2,4,5-TP (Silvex)	0.21	U	0.094	0.21	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8151A	1/1/2011		3550B	DE045	19.9	1	93-76-5	2,4,5-T	0.21	U	0.10	0.21	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8151A	1/1/2011		3550B	DE045	19.9	1	94-74-6	MCPA	390		95	310	ug/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8151A	1/1/2011		3550B	DE045	19.9	1	94-75-7	2,4-D	4.5	U	1.5	4.5	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8151A	1/1/2011		3550B	DE045	19.9	1	94-82-6	2,4-DB	2.1	U	0.77	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	100-01-6	4-NITROANILINE	210	U	83	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	100-02-7	4-NITROPHENOL	620	U	210	620	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	100-51-6	BENZYL ALCOHOL	620	U	210	620	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	105-67-9	2,4-DIMETHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	106-44-5	4-METHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	106-46-7	1,4-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	106-47-8	4-CHLOROANILINE	210	U	83	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	108-68-9	3,5-Dimethylphenol	210	U	42	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	108-95-2	PHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	118-74-1	HEXACHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	120-82-1	1,2,4-TRICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	120-83-2	2,4-DICHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	121-14-2	2,4-DINITROTOLUENE	210	U	42	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	132-64-9	DIBENZOFURAN	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	51-28-5	2,4-DINITROPHENOL	2500	U	830	2500	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	620	U	210	620	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	541-73-1	1,3-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	59-50-7	4-CHLORO-3-METHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	606-20-2	2,6-DINITROTOLUENE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	62-53-3	ANILINE	620	U	210	620	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	65-85-0	BENZOIC ACID	620	U	210	620	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	67-72-1	HEXACHLOROETHANE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	210	U	42	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	620	U	210	620	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	78-59-1	ISOPHORONE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	86-30-6	N-NITROSODIPHENYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	86-74-8	CARBAZOLE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	87-68-3	HEXACHLOROBUTADIENE	210	U	83	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	87-86-5	PENTACHLOROPHENOL	620	U	210	620	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	88-06-2	2,4,6-TRICHLOROPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	88-74-4	2-NITROANILINE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	88-75-5	2-NITROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	91-58-7	2-CHLORONAPHTHALENE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	91-94-1	3,3'-DICHLOROBENZIDINE	420	U	120	420	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	92-87-5	BENZIDINE	4200	U	1500	4200	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	95-48-7	2-METHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	95-50-1	1,2-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	95-57-8	2-CHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	95-95-4	2,4,5-TRICHLOROPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	98-95-3	NITROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C	1/18/2011		3550B	DE045	19.9	1	99-09-2	3-NITROANILINE	210	U	42	210	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	54		7.5	22	ug/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	117-84-0	Di-n-octylphthalate	22	U	7.5	22	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	120-12-7	ANTHRACENE	0.83	J	0.42	2.1	ug/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	129-00-0	PYRENE	11		0.83	2.1	ug/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	131-11-3	Dimethylphthalate	22	U	7.5	22	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	191-24-2	BENZO(G,H,I)PERYLENE	1.2	J	0.83	2.1	ug/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1	J	0.83	2.1	ug/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	205-99-2	BENZO(B)FLUORANTHENE	5.4		0.83	2.1	ug/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	206-44-0	FLUORANTHENE	16		0.83	2.1	ug/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	207-08-9	BENZO(K)FLUORANTHENE	1.7	J	0.83	2.1	ug/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	208-96-8	ACENAPHTHYLENE	0.55	J	0.42	2.1	ug/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	218-01-9	CHRYSENE	6.9		0.42	2.1	ug/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	50-32-8	BENZO(A)PYRENE	1.7	J	0.83	2.1	ug/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	56-55-3	BENZO(A)ANTHRACENE	1.5	J	0.83	2.1	ug/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	62-75-9	N-NITROSODIMETHYLAMINE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	83-32-9	ACENAPHTHENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	84-66-2	Diethylphthalate	22	U	7.5	22	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	84-74-2	Di-n-butylphthalate	22	U	7.5	22	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	85-01-8	PHENANTHRENE	14		0.83	2.1	ug/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	85-68-7	Butylbenzylphthalate	13	J	7.5	22	ug/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	86-73-7	FLUORENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	90-12-0	1-METHYLNAPHTHALENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	91-20-3	NAPHTHALENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	8270C SIM	1/11/2011		3550B	DE045	19.9	1	91-57-6	2-METHYLNAPHTHALENE	2.1	U	0.83	2.1	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	9045M	12/21/2010		Gen Prep	DE045	19.9	1	pH	PH	6.29		0.0100	0.0100	pH unit					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	ASTM D1498	12/21/2010		Gen Prep	DE045	19.9	1	REDOX	Oxidation Reduction Potential	599		10.0	10.0	mv					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	160.3M	12/20/2010		Gen Prep	DE045	19.9	1	MOIST	MOISTURE	19.9		0.50	0.50	%					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	300.0	1/11/2011		METHOD	DE045	19.9	1	16984-48-8	FLUORIDE	1.2	U	1.0	1.2	mg/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	314.0	1/11/2011		METHOD	DE045	19.9	1	14797-73-0	PERCHLORATE	37.5	U	11.2	37.5	ug/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7429-90-5	ALUMINUM	30200		6.04	24.0	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7439-89-6	IRON	30300		5.65	24.0	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7439-93-2	LITHIUM	26.5		0.26	2.4	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7439-95-4	MAGNESIUM	6430		3.05	12.0	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7439-96-5	MANGANESE	454		0.0936	0.600	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7440-09-7	POTASSIUM	5400		21.6	60.0	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7440-23-5	SODIUM	113	J	44.8	120	mg/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7440-24-6	STRONTIUM	32.8		0.0744	0.600	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7440-31-5	TIN	12	U	1.20	12.0	mg/kg	U	J	U	B, Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7440-32-6	TITANIUM	1460		0.456	1.20	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7440-42-8	BORON	11.3		1.07	6.00	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7440-67-7	Zirconium	6.11		1.01	6.00	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7440-70-2	CALCIUM	4880		7.36	24.0	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6010B	12/30/2010	NA	3050B	DE045	19.9	1	7723-14-0	PHOSPHORUS	526		0.672	12.0	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7439-92-1	LEAD	31.1	J	0.0127	0.245	mg/kg	J		J	Q	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-02-0	NICKEL	21.8	J	0.122	0.490	mg/kg	J		J	Q, *#	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-47-3	CHROMIUM	38	J	0.147	0.490	mg/kg	J		J	Q	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-48-4	COBALT	10.3	J	0.0245	0.122	mg/kg	J		J	*#	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-50-8	COPPER	17.7	J	0.0808	0.490	mg/kg	J		J	Q	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-62-2	VANADIUM	68.9	J	0.0269	0.122	mg/kg	J		J	Q	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-66-6	ZINC	186		0.685	3.67	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7782-49-2	SELENIUM	0.193	J	0.0490	0.490	mg/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7439-98-7	MOLYBDENUM	0.893	J	0.0612	0.122	mg/kg	J		J	Q	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	6020	1/3/2011	NA	3050B	DE045	19.9	2	7440-39-3	BARIUM	184		0.132	0.490	mg/kg					MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	7199	1/20/2011		3060A	DE045	19.9	1	18540-29-9	HEXAVALENT CHROMIUM	0.35	J	0.25	1.2	mg/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169021	7471A	12/28/2010	NA	METHOD	DE045	19.9	1	7439-97-6	MERCURY	0.0233	J	0.0034	0.120	mg/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	1746-01-6	2,3,7,8-TCDD	0.0794	J	0.0486	1.25	ng/kg	J	JQ	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	19408-74-3	1,2,3,7,8,9-HXCDD	1.51	J	0.0883	6.24	ng/kg	J	JB	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	3268-87-9	OCDD	259		0.0858	12.5	ng/kg		B			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	29		0.0773	6.24	ng/kg		B			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	39001-02-0	OCDF	9.52	J	0.0597	12.5	ng/kg	J	JB	J	Z	MDL	PQL	6345046.935	1906990.737

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	39227-28-6	1,2,3,4,7,8-HxCDD	6.24	U	0.0876	6.24	ng/kg	U	JB	U	B, Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	40321-76-4	1,2,3,7,8-PECDD	6.24	U	0.0831	6.24	ng/kg		U			MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	51207-31-9	2,3,7,8-TCDF	1.1	J	0.147	1.25	ng/kg	J	J	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.24	U	0.0760	6.24	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	57117-31-4	2,3,4,7,8-PECDF	1.28	J	0.0603	6.24	ng/kg	J	JB	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	57117-41-6	1,2,3,7,8-PECDF	1.38	J	0.0592	6.24	ng/kg	J	JB	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	57117-44-9	1,2,3,6,7,8-HXCDF	6.24	U	0.0659	6.24	ng/kg	U	JB	U	B, Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	57653-85-7	1,2,3,6,7,8-HXCDD	1.69	J	0.0875	6.24	ng/kg	J	JB	J	Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.24	U	0.0695	6.24	ng/kg	U	JB	U	B, Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	6.24	U	0.0543	6.24	ng/kg	U	JB	U	B, Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	70648-26-9	1,2,3,4,7,8-HXCDF	6.24	U	0.0714	6.24	ng/kg	U	JB	U	B, Z	MDL	PQL	6345046.935	1906990.737
SED-006-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169036	1613B	1/28/2011		METHOD	DX029	19.9	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.24	U	0.0748	6.24	ng/kg	U	JB	U	B, Z	MDL	PQL	6345046.935	1906990.737
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	120-82-1	1,2,4-TRICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	120-83-2	2,4-DICHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	121-14-2	2,4-DINITROTOLUENE	200	U	41	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	132-64-9	DIBENZOFURAN	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	191-24-2	BENZO(G,H,I)PERYLENE	22	J	20	200	ug/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	51-28-5	2,4-DINITROPHENOL	2400	U	810	2400	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	610	U	200	610	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	541-73-1	1,3-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	59-50-7	4-CHLORO-3-METHYLPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	606-20-2	2,6-DINITROTOLUENE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	62-53-3	ANILINE	610	U	200	610	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	65-85-0	BENZOIC ACID	610	U	200	610	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	67-72-1	HEXACHLOROETHANE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	200	U	41	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	610	U	200	610	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	78-59-1	ISOPHORONE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	86-30-6	N-NITROSODIPHENYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	86-74-8	CARBAZOLE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	87-68-3	HEXACHLOROBUTADIENE	200	U	81	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	87-86-5	PENTACHLOROPHENOL	610	U	200	610	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	88-06-2	2,4,6-TRICHLOROPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	88-74-4	2-NITROANILINE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	88-75-5	2-NITROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	91-58-7	2-CHLORONAPHTHALENE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	91-94-1	3,3'-DICHLOROBENZIDINE	410	U	120	410	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	92-87-5	BENZIDINE	4100	U	1400	4100	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	95-48-7	2-METHYLPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	95-50-1	1,2-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	95-57-8	2-CHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	95-95-4	2,4,5-TRICHLOROPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	98-95-3	NITROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	99-09-2	3-NITROANILINE	200	U	41	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	28		7.3	22	ug/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	117-84-0	Di-n-octylphthalate	22	UJ	7.3	22	ug/kg	UJ	U	UJ	I	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	120-12-7	ANTHRACENE	0.69	J	0.41	2.0	ug/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	129-00-0	PYRENE	6.8		0.81	2.0	ug/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	131-11-3	Dimethylphthalate	22	U	7.3	22	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	193-39-5	INDENO(1,2,3-CD)PYRENE	5.9	J	0.81	2.0	ug/kg	J		J	I	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	205-99-2	BENZO(B)FLUORANTHENE	35	J	0.81	2.0	ug/kg	J		J	I	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	206-44-0	FLUORANTHENE	3.8		0.81	2.0	ug/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	207-08-9	BENZO(K)FLUORANTHENE	2	UJ	0.81	2.0	ug/kg	UJ	U	UJ	I	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	208-96-8	ACENAPHTHYLENE	2	U	0.41	2.0	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	218-01-9	CHRYSENE	29		0.41	2.0	ug/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	50-32-8	BENZO(A)PYRENE	10	J	0.81	2.0	ug/kg	J		J	I	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	53-70-3	DIBENZO(A,H)ANTHRACENE	5.7	J	0.81	2.0	ug/kg	J		J	I	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	56-55-3	BENZO(A)ANTHRACENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	62-75-9	N-NITROSODIMETHYLAMINE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	83-32-9	ACENAPHTHENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	84-66-2	Diethylphthalate	22	U	7.3	22	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	84-74-2	Di-n-butylphthalate	22	U	7.3	22	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	85-01-8	PHENANTHRENE	1.4	J	0.81	2.0	ug/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	85-68-7	Butylbenzylphthalate	14	J	7.3	22	ug/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	86-73-7	FLUORENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	90-12-0	1-METHYLNAPHTHALENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	91-20-3	NAPHTHALENE	0.86	J	0.81	2.0	ug/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C SIM	1/11/2011		3550B	DE046	17.8	1	91-57-6	2-METHYLNAPHTHALENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	9045M	12/27/2010		Gen Prep	DE046	17.8	1	pH	PH	7.88		0.0100	0.0100	pH unit					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	ASTM D1498	12/27/2010		Gen Prep	DE046	17.8	1	REDOX	Oxidation Reduction Potential	471		10.0	10.0	mv					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	160.3M	1/6/2011		Gen Prep	DE046	17.8	1	MOIST	MOISTURE	17.8		0.50	0.50	%					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	300.0	1/14/2011		METHOD	DE046	17.8	1	16984-48-8	FLUORIDE	1.9	J	0.97	1.2	mg/kg	J		J	Q	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	314.0	1/12/2011		METHOD	DE046	17.8	1	14797-73-0	PERCHLORATE	36.5	U	10.9	36.5	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7440-31-5	TIN	11.8	U	1.18	11.8	mg/kg	U	J	U	B, Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7429-90-5	ALUMINUM	11300		5.94	23.6	mg/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7439-89-6	IRON	17200		5.56	23.6	mg/kg					MDL	PQL	6345335.932	1907744.857

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7439-93-2	LITHIUM	18.2	J	0.26	2.4	mg/kg	J		J	*#	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7439-95-4	MAGNESIUM	3910		3.00	11.8	mg/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7439-96-5	MANGANESE	277		0.0921	0.591	mg/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7440-09-7	POTASSIUM	2880		21.3	59.1	mg/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7440-23-5	SODIUM	69.5	J	44.1	118	mg/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7440-24-6	STRONTIUM	24.3	J	0.0732	0.591	mg/kg	J		J	*#	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7440-32-6	TITANIUM	906		0.449	1.18	mg/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7440-42-8	BORON	7.37		1.05	5.91	mg/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7440-67-7	Zirconium	1.02	J	0.992	5.91	mg/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7440-70-2	CALCIUM	3980		7.24	23.6	mg/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6010B	12/30/2010	NA	3050B	DE046	17.8	1	7723-14-0	PHOSPHORUS	427		0.661	11.8	mg/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/6/2011	NA	3050B	DE046	17.8	2	7782-49-2	SELENIUM	0.168	J	0.0468	0.468	mg/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7439-98-7	MOLYBDENUM	0.495	J	0.0585	0.117	mg/kg	J		J	E, Q	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-39-3	BARIUM	96.6	J	0.126	0.468	mg/kg	J		J	E, *#	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7439-92-1	LEAD	11.7	J	0.0122	0.234	mg/kg	J		J	E, *#	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-02-0	NICKEL	12.8	J	0.117	0.468	mg/kg	J		J	E, Q, *#	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-22-4	SILVER	0.0542	J	0.0140	0.117	mg/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-28-0	THALLIUM	0.234	J	0.0351	0.117	mg/kg	J		J	Q	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-36-0	ANTIMONY	0.234	UJ	0.0702	0.234	mg/kg	UJ	J	UJ	B, Q, Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-38-2	ARSENIC	4.12	J	0.0702	0.468	mg/kg	J		J	E, Q	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-41-7	BERYLLIUM	0.439		0.0187	0.117	mg/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-43-9	CADMIUM	0.305	J	0.0421	0.117	mg/kg	J		J	Q	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-47-3	CHROMIUM	16.5	J	0.140	0.468	mg/kg	J		J	E	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-48-4	COBALT	5.12	J	0.0234	0.117	mg/kg	J		J	E	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-50-8	COPPER	10.8	J	0.0772	0.468	mg/kg	J		J	E	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-62-2	VANADIUM	32.3	J	0.0257	0.117	mg/kg	J		J	E, Q, *#	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	6020	1/5/2011	NA	3050B	DE046	17.8	2	7440-66-6	ZINC	111	J	0.655	3.51	mg/kg	J		J	E, *#	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	7199	1/20/2011		3060A	DE046	17.8	1	18540-29-9	HEXAVALENT CHROMIUM	1.2	U	0.24	1.2	mg/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	7471A	12/28/2010	NA	METHOD	DE046	17.8	1	7439-97-6	MERCURY	0.0257	J	0.0033	0.114	mg/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/22/2011		3550B	DE046	17.8	5	50-29-3	4,4'-DDT	3.8	J	0.40	2.1	ug/kg	J		J	C, M	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	1024-57-3	HEPTACHLOR EPOXIDE	0.24	U	0.24	0.24	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	1031-07-8	ENDOSULFAN SULFATE	0.41	U	0.080	0.41	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	2385-85-5	MIREX	0.41	U	0.080	0.41	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	309-00-2	ALDRIN	0.2	U	0.080	0.20	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	319-84-6	ALPHA-BHC	0.2	U	0.041	0.20	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	319-85-7	BETA-BHC	0.2	U	0.073	0.20	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	319-86-8	DELTA-BHC	0.2	U	0.044	0.20	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	33213-65-9	ENDOSULFAN II	0.41	U	0.080	0.41	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	53494-70-5	ENDRIN KETONE	0.41	U	0.080	0.41	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	57-74-9	Chlordane	5.7	U	5.7	5.7	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	58-89-9	gamma-BHC (Lindane)	0.06	J	0.041	0.20	ug/kg	J	J	J	Z, *#	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	60-57-1	DIELDRIN	0.41	U	0.32	0.41	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	72-20-8	ENDRIN	0.41	U	0.19	0.41	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	72-43-5	METHOXYCHLOR	2	U	0.41	2.0	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	72-54-8	4,4'-DDD	0.41	U	0.080	0.41	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	72-55-9	4,4'-DDE	1.6		0.080	0.41	ug/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	7421-93-4	ENDRIN ALDEHYDE	0.79	U	0.79	0.79	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	76-44-8	HEPTACHLOR	0.2	U	0.12	0.20	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	8001-35-2	TOXAPHENE	8	UJ	2.7	8.0	ug/kg	UJ	U	UJ	C	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8081A	1/14/2011		3550B	DE046	17.8	1	959-98-8	ENDOSULFAN I	0.2	U	0.054	0.20	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	11096-82-5	AROCLOR 1260	27		0.80	4.1	ug/kg					MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	11097-69-1	AROCLOR 1254	3.1	J	0.80	4.1	ug/kg	J	J	J	Z, *#	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	11100-14-4	Aroclor 1268	4.1	U	0.80	4.1	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	11104-28-2	AROCLOR 1221	4.1	U	1.2	4.1	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	11126-42-4	Aroclor 5460	9.6	J	2.4	8.0	ug/kg	J		J	L	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	11141-16-5	AROCLOR 1232	4.1	U	1.3	4.1	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	12642-23-8	Aroclor 5442	8	UJ	2.4	8.0	ug/kg	UJ	U	UJ	L	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	12672-29-6	AROCLOR 1248	4.1	U	0.80	4.1	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	12674-11-2	AROCLOR 1016	4.1	U	0.80	4.1	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	37324-23-5	Aroclor 1262	4.1	U	0.80	4.1	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	53469-21-9	AROCLOR 1242	4.1	U	1.2	4.1	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8082	12/31/2010		3550B	DE046	17.8	2	63496-31-1	Aroclor 5432	8	UJ	2.4	8.0	ug/kg	UJ	U	UJ	L	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8151A	1/7/2011		3550B	DE046	17.8	1	120-36-5	DICHLOROPROP	2.1	U	0.97	2.1	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8151A	1/7/2011		3550B	DE046	17.8	1	1918-00-9	DICAMBA	1.5	U	0.49	1.5	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8151A	1/7/2011		3550B	DE046	17.8	1	75-99-0	DALAPON	11	U	5.4	11	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8151A	1/7/2011		3550B	DE046	17.8	1	88-85-7	DINOSEB	2.9	U	0.97	2.9	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8151A	1/7/2011		3550B	DE046	17.8	1	93-65-2	MCPP	300	U	91	300	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8151A	1/7/2011		3550B	DE046	17.8	1	93-72-1	2,4,5-TP (Silvex)	0.21	U	0.091	0.21	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8151A	1/7/2011		3550B	DE046	17.8	1	93-76-5	2,4,5-T	0.21	U	0.10	0.21	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8151A	1/7/2011		3550B	DE046	17.8	1	94-74-6	MCPA	300	U	92	300	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8151A	1/7/2011		3550B	DE046	17.8	1	94-75-7	2,4-D	4.4	U	1.5	4.4	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8151A	1/7/2011		3550B	DE046	17.8	1	94-82-6	2,4-DB	2.3	J	0.75	2.1	ug/kg	J		J	*#	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	100-01-6	4-NITROANILINE	200	U	81	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	100-02-7	4-NITROPHENOL	610	U	200	610	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	100-51-6	BENZYL ALCOHOL	610	U	200	610	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	105-67-9	2,4-DIMETHYLPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	106-44-5	4-METHYLPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	106-46-7	1,4-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	106-47-8	4-CHLOROANILINE	200	U	81	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	108-68-9	3,5-Dimethylphenol	200	U	41	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	108-95-2	PHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172042	8270C	1/18/2011		3550B	DE046	17.8	1	118-74-1	HEXACHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	1746-01-6	2,3,7,8-TCDD	0.13	J	0.0521	1.22	ng/kg	J	JQ	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	19408-74-3	1,2,3,7,8,9-HXCDD	1.39	J	0.0738	6.08	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	3268-87-9	OCDD	337		0.0752	12.2	ng/kg		B			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	46.2		0.0968	6.08	ng/kg		B			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	39001-02-0	OCDF	9.62	J	0.0602	12.2	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.782	J	0.109	6.08	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	40321-76-4	1,2,3,7,8-PECDD	0.58	J	0.0908	6.08	ng/kg	J	JBQ	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	51207-31-9	2,3,7,8-TCDF	0.307	J	0.166	1.22	ng/kg	J	J	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	1	J	0.0529	6.08	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	57117-31-4	2,3,4,7,8-PECDF	2.16	J	0.0807	6.08	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	57117-41-6	1,2,3,7,8-PECDF	0.751	J	0.0717	6.08	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	57117-44-9	1,2,3,6,7,8-HXCDF	1.8	J	0.106	6.08	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	57653-85-7	1,2,3,6,7,8-HXCDD	2.45	J	0.0945	6.08	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	60851-34-5	2,3,4,6,7,8-HXCDF	1.9	J	0.0607	6.08	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	8.14		0.0928	6.08	ng/kg		B			MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	70648-26-9	1,2,3,4,7,8-HXCDF	3.3	J	0.142	6.08	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-007-SIV-SD-0.0-0.6	12/20/2010	N	0	0.6	ft bgs	SE	SED		6172051	1613B	2/7/2011		METHOD	DX029	17.8	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.69	J	0.0710	6.08	ng/kg	J	JB	J	Z	MDL	PQL	6345335.932	1907744.857
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	160.3M	1/6/2011		Gen Prep	DE046	32.7	1	MOIST	MOISTURE	32.7		0.50	0.50	%					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	300.0	1/14/2011		METHOD	DE046	32.7	1	16984-48-8	FLUORIDE	2.7	J	1.2	1.5	mg/kg	J		J	Q	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	314.0	1/12/2011		METHOD	DE046	32.7	1	14797-73-0	PERCHLORATE	29.4	J	13.4	44.6	ug/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7440-31-5	TIN	14.2	U	1.42	14.2	mg/kg	U	J	U	B, Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7429-90-5	ALUMINUM	12800		7.12	28.3	mg/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7439-89-6	IRON	19500		6.67	28.3	mg/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7439-93-2	LITHIUM	23.9	J	0.31	2.8	mg/kg	J		J	*#	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7439-95-4	MAGNESIUM	4440		3.59	14.2	mg/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7439-96-5	MANGANESE	293		0.110	0.708	mg/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7440-09-7	POTASSIUM	3590		25.5	70.8	mg/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7440-23-5	SODIUM	82.4	J	52.8	142	mg/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7440-24-6	STRONTIUM	19.3	J	0.0877	0.708	mg/kg	J		J	*#	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7440-32-6	TITANIUM	1110		0.538	1.42	mg/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7440-42-8	BORON	6.76	J	1.26	7.08	mg/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7440-67-7	Zirconium	1.44	J	1.19	7.08	mg/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7440-70-2	CALCIUM	3610		8.67	28.3	mg/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6010B	12/30/2010	NA	3050B	DE046	32.7	1	7723-14-0	PHOSPHORUS	415		0.792	14.2	mg/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/6/2011	NA	3050B	DE046	32.7	2	7782-49-2	SELENIUM	0.199	J	0.0594	0.594	mg/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7439-98-7	MOLYBDENUM	0.508	J	0.0743	0.149	mg/kg	J		J	E, Q	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-39-3	BARIUM	89.9	J	0.160	0.594	mg/kg	J		J	E, *#	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7439-92-1	LEAD	16.9	J	0.0155	0.297	mg/kg	J		J	E, *#	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-02-0	NICKEL	12.3	J	0.149	0.594	mg/kg	J		J	E, Q, *#	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-22-4	SILVER	0.0811	J	0.0178	0.149	mg/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-28-0	THALLIUM	0.268	J	0.0446	0.149	mg/kg	J		J	Q	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-36-0	ANTIMONY	0.297	UJ	0.0892	0.297	mg/kg	UJ	J	UJ	B, Q, Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-38-2	ARSENIC	12.9	J	0.0892	0.594	mg/kg	J		J	E, Q	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-41-7	BERYLLIUM	0.499		0.0238	0.149	mg/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-43-9	CADMIUM	0.238	J	0.0535	0.149	mg/kg	J		J	Q	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-47-3	CHROMIUM	16.3	J	0.178	0.594	mg/kg	J		J	E	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-48-4	COBALT	5.85	J	0.0297	0.149	mg/kg	J		J	E	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-50-8	COPPER	10.2	J	0.0981	0.594	mg/kg	J		J	E	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-62-2	VANADIUM	31.2	J	0.0327	0.149	mg/kg	J		J	E, Q, *#	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	6020	1/5/2011	NA	3050B	DE046	32.7	2	7440-66-6	ZINC	67.9	J	0.832	4.46	mg/kg	J		J	E, *#	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	7199	1/20/2011		3060A	DE046	32.7	1	18540-29-9	HEXAVALENT CHROMIUM	1.5	U	0.30	1.5	mg/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	7471A	12/28/2010	NA	METHOD	DE046	32.7	1	7439-97-6	MERCURY	0.106	J	0.0043	0.148	mg/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/22/2011		3550B	DE046	32.7	5	50-29-3	4,4'-DDT	10	J	0.49	2.5	ug/kg	J		J	C, M	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	1024-57-3	HEPTACHLOR EPOXIDE	0.64	R	0.64	0.64	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	1031-07-8	ENDOSULFAN SULFATE	0.51	R	0.098	0.51	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	2385-85-5	MIREX	0.51	R	0.098	0.51	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	309-00-2	ALDRIN	0.25	R	0.098	0.25	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	319-84-6	ALPHA-BHC	0.25	R	0.051	0.25	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	319-85-7	BETA-BHC	0.25	R	0.089	0.25	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	319-86-8	DELTA-BHC	0.25	R	0.053	0.25	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	33213-65-9	ENDOSULFAN II	0.79	R	0.79	0.79	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	53494-70-5	ENDRIN KETONE	0.51	R	0.098	0.51	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	57-74-9	Chlordane	5.1	R	1.2	5.1	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	58-89-9	gamma-BHC (Lindane)	0.25	R	0.051	0.25	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	60-57-1	DIELDRIN	0.64	R	0.64	0.64	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	72-20-8	ENDRIN	0.98	R	0.98	0.98	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	72-43-5	METHOXYCHLOR	2.5	R	0.51	2.5	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	72-54-8	4,4'-DDD	0.51	R	0.098	0.51	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	72-55-9	4,4'-DDE	2.8	R	2.8	2.8	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	7421-93-4	ENDRIN ALDEHYDE	0.51	R	0.46	0.51	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	76-44-8	HEPTACHLOR	0.25	R	0.089	0.25	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	8001-35-2	TOXAPHENE	9.8	R	3.3	9.8	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8081A	1/15/2011		3550B	DE046	32.7	1	959-98-8	ENDOSULFAN I	0.25	R	0.065	0.25	ug/kg	R	U	R	S	MDL	PQL	6345059.314	1907692.995

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	11096-82-5	AROCLOR 1260	25	U	4.9	25	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	11097-69-1	AROCLOR 1254	300		4.9	25	ug/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	11100-14-4	Aroclor 1268	25	U	4.9	25	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	11104-28-2	AROCLOR 1221	25	U	7.4	25	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	11126-42-4	Aroclor 5460	49	UJ	15	49	ug/kg	UJ	U	UJ	L	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	11141-16-5	AROCLOR 1232	25	U	7.7	25	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	12642-23-8	Aroclor 5442	49	UJ	15	49	ug/kg	UJ	U	UJ	L	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	12672-29-6	AROCLOR 1248	25	U	4.9	25	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	12674-11-2	AROCLOR 1016	25	U	4.9	25	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	37324-23-5	Aroclor 1262	25	U	4.9	25	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	53469-21-9	AROCLOR 1242	25	U	7.4	25	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8082	12/31/2010		3550B	DE046	32.7	10	63496-31-1	Aroclor 5432	49	UJ	15	49	ug/kg	UJ	U	UJ	L	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8151A	1/7/2011		3550B	DE046	32.7	1	120-36-5	DICHLOROPROP	2.5	U	1.2	2.5	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8151A	1/7/2011		3550B	DE046	32.7	1	1918-00-9	DICAMBA	1.8	U	0.59	1.8	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8151A	1/7/2011		3550B	DE046	32.7	1	75-99-0	DALAPON	13	U	6.5	13	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8151A	1/7/2011		3550B	DE046	32.7	1	88-85-7	DINOSEB	3.6	U	1.2	3.6	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8151A	1/7/2011		3550B	DE046	32.7	1	93-65-2	MCPP	370	U	140	370	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8151A	1/7/2011		3550B	DE046	32.7	1	93-72-1	2,4,5-TP (Silvex)	0.25	U	0.11	0.25	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8151A	1/7/2011		3550B	DE046	32.7	1	93-76-5	2,4,5-T	0.25	U	0.12	0.25	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8151A	1/7/2011		3550B	DE046	32.7	1	94-74-6	MCPA	370	U	240	370	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8151A	1/7/2011		3550B	DE046	32.7	1	94-75-7	2,4-D	5.3	U	1.8	5.3	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8151A	1/7/2011		3550B	DE046	32.7	1	94-82-6	2,4-DB	3.4	U	3.4	3.4	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	100-01-6	4-NITROANILINE	250	U	99	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	100-02-7	4-NITROPHENOL	740	U	250	740	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	100-51-6	BENZYL ALCOHOL	740	U	250	740	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	105-67-9	2,4-DIMETHYLPHENOL	250	U	50	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	106-44-5	4-METHYLPHENOL	250	U	50	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	106-46-7	1,4-DICHLOROBENZENE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	106-47-8	4-CHLOROANILINE	250	U	99	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	108-68-9	3,5-Dimethylphenol	250	U	50	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	108-95-2	PHENOL	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	118-74-1	HEXACHLOROBENZENE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	120-82-1	1,2,4-TRICHLOROBENZENE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	120-83-2	2,4-DICHLOROPHENOL	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	121-14-2	2,4-DINITROTOLUENE	250	U	50	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	132-64-9	DIBENZOFURAN	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	51-28-5	2,4-DINITROPHENOL	3000	U	990	3000	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	740	U	250	740	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	541-73-1	1,3-DICHLOROBENZENE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	59-50-7	4-CHLORO-3-METHYLPHENOL	250	U	50	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	606-20-2	2,6-DINITROTOLUENE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	62-53-3	ANILINE	740	U	250	740	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	65-85-0	BENZOIC ACID	740	U	250	740	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	67-72-1	HEXACHLOROETHANE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	250	U	50	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	740	U	250	740	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	78-59-1	ISOPHORONE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	86-30-6	N-NITROSODIPHENYLAMINE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	86-74-8	CARBAZOLE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	87-68-3	HEXACHLOROBUTADIENE	250	U	99	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	87-86-5	PENTACHLOROPHENOL	740	U	250	740	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	88-06-2	2,4,6-TRICHLOROPHENOL	250	U	50	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	88-74-4	2-NITROANILINE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	88-75-5	2-NITROPHENOL	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	91-58-7	2-CHLORONAPHTHALENE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	91-94-1	3,3'-DICHLOROBENZIDINE	500	U	150	500	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	92-87-5	BENZIDINE	5000	U	1700	5000	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	95-48-7	2-METHYLPHENOL	250	U	50	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	95-50-1	1,2-DICHLOROBENZENE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	95-57-8	2-CHLOROPHENOL	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	95-95-4	2,4,5-TRICHLOROPHENOL	250	U	50	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	98-95-3	NITROBENZENE	250	U	25	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C	1/19/2011		3550B	DE046	32.7	1	99-09-2	3-NITROANILINE	250	U	50	250	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	69		8.9	27	ug/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	117-84-0	Di-n-octylphthalate	27	U	8.9	27	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	120-12-7	ANTHRACENE	0.51	J	0.50	2.5	ug/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	129-00-0	PYRENE	3.1		0.99	2.5	ug/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	131-11-3	Dimethylphthalate	27	U	8.9	27	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	191-24-2	BENZO(G,H,I)PERYLENE	2	J	0.99	2.5	ug/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.2	J	0.99	2.5	ug/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	205-99-2	BENZO(B)FLUORANTHENE	3.4		0.99	2.5	ug/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	206-44-0	FLUORANTHENE	3.2		0.99	2.5	ug/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	207-08-9	BENZO(K)FLUORANTHENE	1.2	J	0.99	2.5	ug/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	208-96-8	ACENAPHTHYLENE	2.5	U	0.50	2.5	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	218-01-9	CHRYSENE	8.6		0.50	2.5	ug/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	50-32-8	BENZO(A)PYRENE	1.4	J	0.99	2.5	ug/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.5	U	0.99	2.5	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	56-55-3	BENZO(A)ANTHRACENE	1.6	J	0.99	2.5	ug/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	62-75-9	N-NITROSODIMETHYLAMINE	2.5	U	0.99	2.5	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	83-32-9	ACENAPHTHENE	2.5	U	0.99	2.5	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	84-66-2	Diethylphthalate	27	U	8.9	27	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	84-74-2	Di-n-butylphthalate	27	U	8.9	27	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	85-01-8	PHENANTHRENE	4.1		0.99	2.5	ug/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	85-68-7	Butylbenzylphthalate	9.9	J	8.9	27	ug/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	86-73-7	FLUORENE	2.5	U	0.99	2.5	ug/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	90-12-0	1-METHYLNAPHTHALENE	2.2	J	0.99	2.5	ug/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	91-20-3	NAPHTHALENE	4.4		0.99	2.5	ug/kg					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	8270C SIM	1/12/2011		3550B	DE046	32.7	1	91-57-6	2-METHYLNAPHTHALENE	2.1	J	0.99	2.5	ug/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	9045M	12/27/2010		Gen Prep	DE046	32.7	1	pH	PH	6.59		0.0100	0.0100	pH unit					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172043	ASTM D1498	12/27/2010		Gen Prep	DE046	32.7	1	REDOX	Oxidation Reduction Potential	505		10.0	10.0	mv					MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	1746-01-6	2,3,7,8-TCDD	1.49	U	0.0774	1.49	ng/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	19408-74-3	1,2,3,7,8,9-HXCDD	1.28	J	0.100	7.43	ng/kg	J	JB	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	3268-87-9	OCDD	180		0.0938	14.9	ng/kg		B			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	18.9		0.0976	7.43	ng/kg		B			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	39001-02-0	OCDF	7.73	J	0.119	14.9	ng/kg	J	JB	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	39227-28-6	1,2,3,4,7,8-HxCDD	7.43	U	0.102	7.43	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	40321-76-4	1,2,3,7,8-PECDD	7.43	U	0.107	7.43	ng/kg		U			MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	51207-31-9	2,3,7,8-TCDF	1.1	J	0.158	1.49	ng/kg	J	J	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	7.43	U	0.0941	7.43	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	57117-31-4	2,3,4,7,8-PECDF	1.17	J	0.0719	7.43	ng/kg	J	JB	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	57117-41-6	1,2,3,7,8-PECDF	3.1	J	0.0749	7.43	ng/kg	J	JB	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	57117-44-9	1,2,3,6,7,8-HXCDF	7.43	U	0.0701	7.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	57653-85-7	1,2,3,6,7,8-HXCDD	1.37	J	0.103	7.43	ng/kg	J	JB	J	Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	60851-34-5	2,3,4,6,7,8-HXCDF	7.43	U	0.0738	7.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	7.43	U	0.0730	7.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	70648-26-9	1,2,3,4,7,8-HXCDF	7.43	U	0.0743	7.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6345059.314	1907692.995
SED-008-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172052	1613B	1/28/2011		METHOD	DX029	32.7	1	72918-21-9	1,2,3,7,8,9-HXCDF	7.43	U	0.0874	7.43	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345059.314	1907692.995
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.54	U	0.0489	6.54	ng/kg	U	JB	U	B, Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	57117-31-4	2,3,4,7,8-PECDF	0.956	J	0.0582	6.54	ng/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	57117-41-6	1,2,3,7,8-PECDF	0.618	J	0.0618	6.54	ng/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.282	J	0.0401	6.54	ng/kg	J	JBQ	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.49	J	0.0620	6.54	ng/kg	J	JQ	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.54	U	0.0405	6.54	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.52	J	0.0378	6.54	ng/kg	J	JB	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.531	J	0.0460	6.54	ng/kg	J	JBQ	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.54	U	0.0452	6.54	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	300.0	1/27/2011		METHOD	DE060	23.5	1	16984-48-8	FLUORIDE	1.8		1.0	1.3	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	314.0	1/25/2011		METHOD	DE060	23.5	1	14797-73-0	PERCHLORATE	39.2	U	11.8	39.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7429-90-5	ALUMINUM	10700		6.58	26.1	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7439-89-6	IRON	19800		6.16	26.1	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7439-93-2	LITHIUM	26.2		0.29	2.6	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7439-95-4	MAGNESIUM	5720		3.32	13.1	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7439-96-5	MANGANESE	306		0.102	0.654	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7440-09-7	POTASSIUM	3270		23.5	65.4	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7440-23-5	SODIUM	64	J	48.8	131	mg/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7440-24-6	STRONTIUM	22.9		0.0810	0.654	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7440-31-5	TIN	2.74	J	1.31	13.1	mg/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7440-32-6	TITANIUM	997		0.497	1.31	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7440-42-8	BORON	6.54	U	1.16	6.54	mg/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7440-67-7	Zirconium	6.54	U	1.10	6.54	mg/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7440-70-2	CALCIUM	8140		8.01	26.1	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6010B	1/21/2011	NA	3050B	DE060	23.5	1	7723-14-0	PHOSPHORUS	474		0.732	13.1	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7439-92-1	LEAD	12.8		0.0132	0.254	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-02-0	NICKEL	14.7		0.127	0.508	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-22-4	SILVER	0.0798	J	0.0152	0.127	mg/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-28-0	THALLIUM	0.323		0.0381	0.127	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-36-0	ANTIMONY	0.118	J	0.0761	0.254	mg/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-38-2	ARSENIC	37.9		0.102	0.508	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-41-7	BERYLLIUM	0.549		0.0203	0.127	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-43-9	CADMIUM	0.211		0.0508	0.127	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-47-3	CHROMIUM	19.1		0.152	0.508	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-48-4	COBALT	6.53		0.0254	0.127	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-50-8	COPPER	11.2		0.0838	0.508	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-62-2	VANADIUM	32.4		0.0279	0.127	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-66-6	ZINC	57.9		0.711	3.81	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7782-49-2	SELENIUM	0.179	J	0.0508	0.508	mg/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7439-98-7	MOLYBDENUM	0.435		0.0635	0.127	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	6020	1/21/2011	NA	3050B	DE060	23.5	2	7440-39-3	BARIUM	69.6		0.137	0.508	mg/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	7199	1/29/2011		3060A	DE060	23.5	1	18540-29-9	HEXAVALENT CHROMIUM	1.3	U	0.26	1.3	mg/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	7471A	1/24/2011	NA	METHOD	DE060	23.5	1	7439-97-6	MERCURY	0.022	J	0.0036	0.127	mg/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	1024-57-3	HEPTACHLOR EPOXIDE	0.22	UJ	0.044	0.22	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	1031-07-8	ENDOSULFAN SULFATE	0.44	UJ	0.086	0.44	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	2385-85-5	MIREX	0.44	UJ	0.086	0.44	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	309-00-2	ALDRIN	0.22	UJ	0.086	0.22	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	319-84-6	ALPHA-BHC	0.22	UJ	0.044	0.22	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	319-85-7	BETA-BHC	0.22	UJ	0.078	0.22	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	319-86-8	DELTA-BHC	0.22	UJ	0.047	0.22	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	33213-65-9	ENDOSULFAN II	0.44	UJ	0.34	0.44	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	50-29-3	4,4'-DDT	1.9	UJ	1.9	1.9	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	53494-70-5	ENDRIN KETONE	0.44	UJ	0.38	0.44	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	57-74-9	Chlordane	4.4	UJ	3.0	4.4	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	58-89-9	gamma-BHC (Lindane)	0.22	UJ	0.044	0.22	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	60-57-1	DIELDRIN	0.44	UJ	0.086	0.44	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	72-20-8	ENDRIN	0.44	UJ	0.086	0.44	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	72-43-5	METHOXYCHLOR	2.2	UJ	0.44	2.2	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	72-54-8	4,4'-DDD	0.44	UJ	0.34	0.44	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	72-55-9	4,4'-DDE	1.5	UJ	1.5	1.5	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	7421-93-4	ENDRIN ALDEHYDE	0.54	UJ	0.54	0.54	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	76-44-8	HEPTACHLOR	0.26	UJ	0.26	0.26	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	8001-35-2	TOXAPHENE	8.6	UJ	2.9	8.6	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8081A	2/3/2011		3550B	DE060	23.5	1	959-98-8	ENDOSULFAN I	0.22	UJ	0.058	0.22	ug/kg	UJ	U	UJ	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	11096-82-5	AROCLOR 1260	3.3	J	0.43	2.2	ug/kg	J		J	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	11097-69-1	AROCLOR 1254	3.7	J	0.43	2.2	ug/kg	J		J	S	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	11100-14-4	Aroclor 1268	2.2	U	0.43	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	11104-28-2	AROCLOR 1221	2.2	U	0.65	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	11126-42-4	Aroclor 5460	3	J	1.3	4.3	ug/kg	J	J	J	S, L, Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	11141-16-5	AROCLOR 1232	2.2	U	0.68	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	12642-23-8	Aroclor 5442	4.3	UJ	1.3	4.3	ug/kg	UJ	U	UJ	L	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	12672-29-6	AROCLOR 1248	2.2	U	0.43	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	12674-11-2	AROCLOR 1016	2.2	U	0.43	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	37324-23-5	Aroclor 1262	2.2	U	0.43	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	53469-21-9	AROCLOR 1242	2.2	U	0.65	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8082	1/27/2011		3550B	DE060	23.5	1	63496-31-1	Aroclor 5432	4.3	UJ	1.3	4.3	ug/kg	UJ	U	UJ	L	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8151A	2/2/2011		3550B	DE060	23.5	1	120-36-5	DICHLOROPROP	2.2	U	1.0	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8151A	2/2/2011		3550B	DE060	23.5	1	1918-00-9	DICAMBA	1.6	U	0.52	1.6	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8151A	2/2/2011		3550B	DE060	23.5	1	75-99-0	DALAPON	12	U	5.8	12	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8151A	2/2/2011		3550B	DE060	23.5	1	88-85-7	DINOSEB	3.1	R	1.0	3.1	ug/kg	R	U	R	L	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8151A	2/2/2011		3550B	DE060	23.5	1	93-65-2	MCPP	340	R	340	340	ug/kg	R	U	R	Q	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8151A	2/2/2011		3550B	DE060	23.5	1	93-72-1	2,4,5-TP (Silvex)	0.22	U	0.098	0.22	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8151A	2/2/2011		3550B	DE060	23.5	1	93-76-5	2,4,5-T	0.22	U	0.11	0.22	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8151A	2/2/2011		3550B	DE060	23.5	1	94-74-6	MCPA	1700	U	1700	1700	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8151A	2/2/2011		3550B	DE060	23.5	1	94-75-7	2,4-D	4.7	U	3.0	4.7	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8151A	2/2/2011		3550B	DE060	23.5	1	94-82-6	2,4-DB	3.5	R	3.5	3.5	ug/kg	R	U	R	Q	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	100-01-6	4-NITROANILINE	220	U	87	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	100-02-7	4-NITROPHENOL	650	U	220	650	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	100-51-6	BENZYL ALCOHOL	650	U	220	650	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	105-67-9	2,4-DIMETHYLPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	106-44-5	4-METHYLPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	106-46-7	1,4-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	106-47-8	4-CHLOROANILINE	220	U	87	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	108-68-9	3,5-Dimethylphenol	220	U	44	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	108-95-2	PHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	440	U	22	440	ug/kg	U	J	U	B, Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	118-74-1	HEXACHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	120-82-1	1,2,4-TRICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	120-83-2	2,4-DICHLOROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	121-14-2	2,4-DINITROTOLUENE	220	U	44	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	132-64-9	DIBENZOFURAN	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	51-28-5	2,4-DINITROPHENOL	1300	U	870	1300	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	650	U	220	650	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	541-73-1	1,3-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	59-50-7	4-CHLORO-3-METHYLPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	606-20-2	2,6-DINITROTOLUENE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	62-53-3	ANILINE	650	U	220	650	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	65-85-0	BENZOIC ACID	650	U	220	650	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	67-72-1	HEXACHLOROETHANE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	220	U	44	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	650	U	220	650	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	78-59-1	ISOPHORONE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	86-30-6	N-NITROSODIPHENYLAMINE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	86-74-8	CARBAZOLE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	87-68-3	HEXACHLOROBUTADIENE	220	U	87	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	87-86-5	PENTACHLOROPHENOL	650	U	220	650	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	88-06-2	2,4,6-TRICHLOROPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	88-74-4	2-NITROANILINE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	88-75-5	2-NITROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	91-58-7	2-CHLORONAPHTHALENE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	91-94-1	3,3'-DICHLOROBENZIDINE	440	U	130	440	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	92-87-5	BENZIDINE	4400	U	1500	4400	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	95-48-7	2-METHYLPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	95-50-1	1,2-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	95-57-8	2-CHLOROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	95-95-4	2,4,5-TRICHLOROPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	98-95-3	NITROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C	1/27/2011		3550B	DE060	23.5	1	99-09-2	3-NITROANILINE	220	U	44	220	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	117-84-0	Di-n-octylphthalate	24	U	7.8	24	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	120-12-7	ANTHRACENE	2.2	U	0.44	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	129-00-0	PYRENE	3.6		0.87	2.2	ug/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	131-11-3	Dimethylphthalate	24	U	7.8	24	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	191-24-2	BENZO(G,H,I)PERYLENE	1.5	J	0.87	2.2	ug/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.1	J	0.87	2.2	ug/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	205-99-2	BENZO(B)FLUORANTHENE	49		0.87	2.2	ug/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	206-44-0	FLUORANTHENE	3.3		0.87	2.2	ug/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	207-08-9	BENZO(K)FLUORANTHENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	208-96-8	ACENAPHTHYLENE	2.2	U	0.44	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	218-01-9	CHRYSENE	3		0.44	2.2	ug/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	50-32-8	BENZO(A)PYRENE	4.5		0.87	2.2	ug/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	56-55-3	BENZO(A)ANTHRACENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	62-75-9	N-NITROSODIMETHYLAMINE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	83-32-9	ACENAPHTHENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	84-66-2	Diethylphthalate	24	U	7.8	24	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	84-74-2	Di-n-butylphthalate	24	U	7.8	24	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	85-01-8	PHENANTHRENE	1.4	J	0.87	2.2	ug/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	85-68-7	Butylbenzylphthalate	11	J	7.8	24	ug/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	86-73-7	FLUORENE	5.8		0.87	2.2	ug/kg					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	90-12-0	1-METHYLNAPHTHALENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	91-20-3	NAPHTHALENE	1	J	0.87	2.2	ug/kg	J	J	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	8270C SIM	1/25/2011		3550B	DE060	23.5	1	91-57-6	2-METHYLNAPHTHALENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	9045M	1/18/2011		Gen Prep	DE060	23.5	1	pH	PH	7.15		0.0100	0.0100	pH unit					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183555	ASTM D1498	1/18/2011		Gen Prep	DE060	23.5	1	REDOX	Oxidation Reduction Potential	391		10.0	10.0	mv					MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	1746-01-6	2,3,7,8-TCDD	1.31	U	0.0507	1.31	ng/kg		U			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.354	J	0.0575	6.54	ng/kg	J	JQ	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	3268-87-9	OCDD	54.6		0.0522	13.1	ng/kg		B			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	7.27		0.0629	6.54	ng/kg		B			MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	39001-02-0	OCDF	2.84	J	0.0610	13.1	ng/kg	J	JB	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.183	J	0.0590	6.54	ng/kg	J	JQ	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	40321-76-4	1,2,3,7,8-PECDD	0.245	J	0.0590	6.54	ng/kg	J	JQ	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	1613B	2/2/2011		METHOD	DX038	23.5	1	51207-31-9	2,3,7,8-TCDF	0.338	J	0.162	1.31	ng/kg	J	JQ	J	Z	MDL	PQL	6345166.501	1908364.707
SED-009-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183577	160.3M	1/19/2011		Gen Prep	DX038	23.5	1	MOIST	MOISTURE	23.5		0.50	0.50	%					MDL	PQL	6345166.501	1908364.707
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7439-92-1	LEAD	8.58		0.0121	0.233	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-02-0	NICKEL	8.35		0.116	0.465	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-22-4	SILVER	0.0232	J	0.0140	0.116	mg/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-28-0	THALLIUM	0.247		0.0349	0.116	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-36-0	ANTIMONY	0.233	UJ	0.0698	0.233	mg/kg	UJ	U	UJ	Q	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-38-2	ARSENIC	9.04	J	0.0698	0.465	mg/kg	J		J	E, Q	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-41-7	BERYLLIUM	0.407		0.0186	0.116	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-43-9	CADMIUM	0.152		0.0419	0.116	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-47-3	CHROMIUM	11.8	J	0.140	0.465	mg/kg	J		J	*#	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-48-4	COBALT	4.17	J	0.0233	0.116	mg/kg	J		J	*#	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-66-6	ZINC	58		0.651	3.49	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	7199	1/20/2011		3060A	DE051	18.1	1	18540-29-9	HEXAVALENT CHROMIUM	1.2	U	0.24	1.2	mg/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	7471A	1/2/2011	NA	METHOD	DE051	18.1	1	7439-97-6	MERCURY	0.0093	J	0.0035	0.122	mg/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	1024-57-3	HEPTACHLOR EPOXIDE	0.2	U	0.067	0.20	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	1031-07-8	ENDOSULFAN SULFATE	0.61	U	0.61	0.61	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	2385-85-5	MIREX	0.5	U	0.50	0.50	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	309-00-2	ALDRIN	0.2	U	0.081	0.20	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	319-84-6	ALPHA-BHC	0.2	U	0.042	0.20	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	319-85-7	BETA-BHC	0.2	U	0.073	0.20	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	319-86-8	DELTA-BHC	0.2	U	0.11	0.20	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	33213-65-9	ENDOSULFAN II	0.44	U	0.44	0.44	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	50-29-3	4,4'-DDT	0.9	U	0.90	0.90	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	53494-70-5	ENDRIN KETONE	0.42	U	0.30	0.42	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	57-74-9	Chlordane	4.2	U	3.7	4.2	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	58-89-9	gamma-BHC (Lindane)	0.2	U	0.042	0.20	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	60-57-1	DIELDRIN	0.42	U	0.31	0.42	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	72-20-8	ENDRIN	0.42	U	0.081	0.42	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	72-43-5	METHOXYCHLOR	2	U	1.3	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	72-54-8	4,4'-DDD	0.42	U	0.22	0.42	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	72-55-9	4,4'-DDE	1.1		0.081	0.42	ug/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	7421-93-4	ENDRIN ALDEHYDE	0.42	U	0.33	0.42	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	76-44-8	HEPTACHLOR	0.2	U	0.073	0.20	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	8001-35-2	TOXAPHENE	8.1	U	2.7	8.1	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8081A	1/20/2011		3550B	DE051	18.1	1	959-98-8	ENDOSULFAN I	0.21	U	0.21	0.21	ug/kg		U			MDL	PQL	6345291.486	1908419.036

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	11096-82-5	AROCLOR 1260	1.2	J	0.40	2.1	ug/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	11097-69-1	AROCLOR 1254	2	J	0.40	2.1	ug/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	11100-14-4	Aroclor 1268	2.1	U	0.40	2.1	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	11104-28-2	AROCLOR 1221	2.1	U	0.61	2.1	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	11126-42-4	Aroclor 5460	4	U	1.2	4.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	11141-16-5	AROCLOR 1232	2.1	U	0.63	2.1	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	12642-23-8	Aroclor 5442	4	U	1.2	4.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	12672-29-6	AROCLOR 1248	2.1	U	0.40	2.1	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	12674-11-2	AROCLOR 1016	2.1	U	0.40	2.1	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	37324-23-5	Aroclor 1262	2.1	U	0.40	2.1	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	53469-21-9	AROCLOR 1242	2.1	U	0.61	2.1	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8082	1/12/2011		3550B	DE051	18.1	1	63496-31-1	Aroclor 5432	4	U	1.2	4.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8151A	1/10/2011		3550B	DE051	18.1	1	120-36-5	DICHLOROPROP	2.1	U	0.98	2.1	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8151A	1/10/2011		3550B	DE051	18.1	1	1918-00-9	DICAMBA	0.74	U	0.74	0.74	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8151A	1/10/2011		3550B	DE051	18.1	1	75-99-0	DALAPON	11	U	5.4	11	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8151A	1/10/2011		3550B	DE051	18.1	1	88-85-7	DINOSEB	2.9	R	0.98	2.9	ug/kg	R	U	R	L	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8151A	1/10/2011		3550B	DE051	18.1	1	93-65-2	MCPP	310	U	92	310	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8151A	1/10/2011		3550B	DE051	18.1	1	93-72-1	2,4,5-TP (Silvex)	0.21	U	0.092	0.21	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8151A	1/10/2011		3550B	DE051	18.1	1	93-76-5	2,4,5-T	0.21	U	0.10	0.21	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8151A	1/10/2011		3550B	DE051	18.1	1	94-74-6	MCPA	310	U	290	310	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8151A	1/10/2011		3550B	DE051	18.1	1	94-75-7	2,4-D	4.4	U	1.5	4.4	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8151A	1/10/2011		3550B	DE051	18.1	1	94-82-6	2,4-DB	2.1	U	0.76	2.1	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	100-01-6	4-NITROANILINE	200	U	81	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	100-02-7	4-NITROPHENOL	610	U	200	610	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	100-51-6	BENZYL ALCOHOL	610	U	200	610	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	105-67-9	2,4-DIMETHYLPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	106-44-5	4-METHYLPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	106-46-7	1,4-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	106-47-8	4-CHLOROANILINE	200	U	81	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	108-68-9	3,5-Dimethylphenol	200	U	41	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	108-95-2	PHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	130	J	20	410	ug/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	118-74-1	HEXACHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	120-82-1	1,2,4-TRICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	120-83-2	2,4-DICHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	121-14-2	2,4-DINITROTOLUENE	200	U	41	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	132-64-9	DIBENZOFURAN	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	51-28-5	2,4-DINITROPHENOL	2400	U	810	2400	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	610	U	200	610	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	541-73-1	1,3-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	59-50-7	4-CHLORO-3-METHYLPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	606-20-2	2,6-DINITROTOLUENE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	62-53-3	ANILINE	610	U	200	610	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	65-85-0	BENZOIC ACID	610	U	200	610	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	67-72-1	HEXACHLOROETHANE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	200	U	41	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	610	U	200	610	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	78-59-1	ISOPHORONE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	86-30-6	N-NITROSODIPHENYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	86-74-8	CARBAZOLE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	87-68-3	HEXACHLOROBUTADIENE	200	U	81	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	87-86-5	PENTACHLOROPHENOL	610	U	200	610	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	88-06-2	2,4,6-TRICHLOROPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	88-74-4	2-NITROANILINE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	88-75-5	2-NITROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	91-58-7	2-CHLORONAPHTHALENE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	91-94-1	3,3'-DICHLOROBENZIDINE	410	U	120	410	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	92-87-5	BENZIDINE	4100	U	1400	4100	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	95-48-7	2-METHYLPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	95-50-1	1,2-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	95-57-8	2-CHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	95-95-4	2,4,5-TRICHLOROPHENOL	200	U	41	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	98-95-3	NITROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C	1/20/2011		3550B	DE051	18.1	1	99-09-2	3-NITROANILINE	200	U	41	200	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	117-84-0	Di-n-octylphthalate	22	U	7.3	22	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	120-12-7	ANTHRACENE	2	U	0.41	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	129-00-0	PYRENE	1	J	0.81	2.0	ug/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	131-11-3	Dimethylphthalate	22	U	7.3	22	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	191-24-2	BENZO(G,H,I)PERYLENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	205-99-2	BENZO(B)FLUORANTHENE	1.2	J	0.81	2.0	ug/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	206-44-0	FLUORANTHENE	1.1	J	0.81	2.0	ug/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	207-08-9	BENZO(K)FLUORANTHENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	208-96-8	ACENAPHTHYLENE	2	U	0.41	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	218-01-9	CHRYSENE	1.1	J	0.41	2.0	ug/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	50-32-8	BENZO(A)PYRENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	56-55-3	BENZO(A)ANTHRACENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	62-75-9	N-NITROSODIMETHYLAMINE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	83-32-9	ACENAPHTHENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	84-66-2	Diethylphthalate	22	U	7.3	22	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	84-74-2	Di-n-butylphthalate	22	U	7.3	22	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	85-01-8	PHENANTHRENE	1.8	J	0.81	2.0	ug/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	85-68-7	Butylbenzylphthalate	22	U	7.3	22	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	86-73-7	FLUORENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	90-12-0	1-METHYLNAPHTHALENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	91-20-3	NAPHTHALENE	1	J	0.81	2.0	ug/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	8270C SIM	1/13/2011		3550B	DE051	18.1	1	91-57-6	2-METHYLNAPHTHALENE	2	U	0.81	2.0	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	9045M	12/27/2010		Gen Prep	DE051	18.1	1	pH	PH	7.98		0.0100	0.0100	pH unit					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	ASTM D1498	12/27/2010		Gen Prep	DE051	18.1	1	REDOX	Oxidation Reduction Potential	434		10.0	10.0	mv					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	160.3M	1/7/2011		Gen Prep	DE051	18.1	1	MOIST	MOISTURE	18.1		0.50	0.50	%					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	300.0	1/14/2011		METHOD	DE051	18.1	1	16984-48-8	FLUORIDE	1.4		0.98	1.2	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	314.0	1/14/2011		METHOD	DE051	18.1	1	14797-73-0	PERCHLORATE	36.6	U	11.0	36.6	ug/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7429-90-5	ALUMINUM	8910		5.96	23.7	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7439-89-6	IRON	15400	J	5.58	23.7	mg/kg	J		J	E	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7439-93-2	LITHIUM	23.2		0.26	2.4	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7439-95-4	MAGNESIUM	3720	J	3.01	11.9	mg/kg	J		J	E	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7439-96-5	MANGANESE	301		0.0925	0.593	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7440-09-7	POTASSIUM	2890	J	21.3	59.3	mg/kg	J		J	Q	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7440-23-5	SODIUM	56.7	J	44.2	119	mg/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7440-24-6	STRONTIUM	13.2	J	0.0735	0.593	mg/kg	J		J	E	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7440-31-5	TIN	2.4	J	1.19	11.9	mg/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7440-32-6	TITANIUM	873		0.450	1.19	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7440-42-8	BORON	6.51		1.06	5.93	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7440-67-7	Zirconium	5.93	U	0.996	5.93	mg/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7440-70-2	CALCIUM	4260	J	7.27	23.7	mg/kg	J		J	E	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6010B	12/31/2010	NA	3050B	DE051	18.1	1	7723-14-0	PHOSPHORUS	378	J	0.664	11.9	mg/kg	J		J	Q	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7782-49-2	SELENIUM	0.465	U	0.0465	0.465	mg/kg	U	J	U	B, Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7439-98-7	MOLYBDENUM	0.276		0.0581	0.116	mg/kg					MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/6/2011	NA	3050B	DE051	18.1	2	7440-39-3	BARIUM	72.5	J	0.126	0.465	mg/kg	J		J	*#	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/12/2011	NA	3050B	DE051	18.1	2	7440-50-8	COPPER	5.42	J	0.0775	0.470	mg/kg	J		J	E	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173163	6020	1/12/2011	NA	3050B	DE051	18.1	2	7440-62-2	VANADIUM	23.9	J	0.0258	0.117	mg/kg	J		J	E	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	1746-01-6	2,3,7,8-TCDD	0.0453	J	0.0269	1.22	ng/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.368	J	0.0502	6.11	ng/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	3268-87-9	OCDD	58.4		0.0484	12.2	ng/kg		B			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	7.16		0.0579	6.11	ng/kg		B			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	39001-02-0	OCDF	2.13	J	0.0333	12.2	ng/kg	J	JB	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	39227-28-6	1,2,3,4,7,8-HxCDD	6.11	U	0.0512	6.11	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	40321-76-4	1,2,3,7,8-PECDD	0.22	J	0.0364	6.11	ng/kg	J	JQ	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	51207-31-9	2,3,7,8-TCDF	1.22	U	0.0486	1.22	ng/kg		U			MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.11	U	0.0291	6.11	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	57117-31-4	2,3,4,7,8-PECDF	0.397	J	0.0197	6.11	ng/kg	J	JB	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	57117-41-6	1,2,3,7,8-PECDF	6.11	U	0.0155	6.11	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	57117-44-9	1,2,3,6,7,8-HXCDF	6.11	U	0.0228	6.11	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.467	J	0.0525	6.11	ng/kg	J	J	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.11	U	0.0237	6.11	ng/kg	U	JB	U	B, Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.09	J	0.0226	6.11	ng/kg	J	JB	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.287	J	0.0288	6.11	ng/kg	J	JBQ	J	Z	MDL	PQL	6345291.486	1908419.036
SED-010-SIV-SD-0.0-0.5	12/22/2010	N	0	0.5	ft bgs	SE	SED		6173200	1613B	1/30/2011		METHOD	DX034	18.1	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.11	U	0.0254	6.11	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345291.486	1908419.036
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	95-50-1	1,2-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	95-57-8	2-CHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	95-95-4	2,4,5-TRICHLOROPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	98-95-3	NITROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	99-09-2	3-NITROANILINE	180	U	37	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	117-84-0	Di-n-octylphthalate	8.6	J	6.6	20	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	120-12-7	ANTHRACENE	0.4	J	0.37	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	129-00-0	PYRENE	3.7		0.74	1.8	ug/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	131-11-3	Dimethylphthalate	20	U	6.6	20	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	191-24-2	BENZO(G,H,I)PERYLENE	1.6	J	0.74	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.2	J	0.74	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	205-99-2	BENZO(B)FLUORANTHENE	3.7		0.74	1.8	ug/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	206-44-0	FLUORANTHENE	4		0.74	1.8	ug/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	207-08-9	BENZO(K)FLUORANTHENE	1.1	J	0.74	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.37	1.8	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	218-01-9	CHRYSENE	2.7		0.37	1.8	ug/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	50-32-8	BENZO(A)PYRENE	2		0.74	1.8	ug/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	56-55-3	BENZO(A)ANTHRACENE	1.5	J	0.74	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	62-75-9	N-NITROSODIMETHYLAMINE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	83-32-9	ACENAPHTHENE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	84-66-2	Diethylphthalate	20	U	6.6	20	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	84-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg		U			MDL	PQL	6345646.142	1908545.571

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	85-01-8	PHENANTHRENE	2.5		0.74	1.8	ug/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	85-68-7	Butylbenzylphthalate	20	U	6.6	20	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	86-73-7	FLUORENE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	91-20-3	NAPHTHALENE	1.5	J	0.74	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C SIM	1/6/2011		3550B	DE042	9.3	1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	9045M	12/20/2010		Gen Prep	DE042	9.3	1	pH	PH	7.19		0.0100	0.0100	pH unit					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	ASTM D1498	12/20/2010		Gen Prep	DE042	9.3	1	REDOX	Oxidation Reduction Potential	437		10.0	10.0	mv					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	160.3M	12/23/2010		Gen Prep	DE042	9.3	1	MOIST	MOISTURE	9.3		0.50	0.50	%					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	300.0	1/12/2011		METHOD	DE042	9.3	1	16984-48-8	FLUORIDE	2		0.88	1.1	mg/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	314.0	1/12/2011		METHOD	DE042	9.3	1	14797-73-0	PERCHLORATE	33.1	U	9.9	33.1	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7429-90-5	ALUMINUM	11500		5.44	21.6	mg/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7439-89-6	IRON	18200		5.09	21.6	mg/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7439-93-2	LITHIUM	23.4	J	0.24	2.2	mg/kg	J		J	*#	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7439-95-4	MAGNESIUM	4210		2.75	10.8	mg/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7439-96-5	MANGANESE	330		0.0843	0.540	mg/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7440-09-7	POTASSIUM	3370	J	19.5	54.0	mg/kg	J		J	Q	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7440-23-5	SODIUM	75.3	J	40.3	108	mg/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7440-24-6	STRONTIUM	18.4		0.0670	0.540	mg/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7440-31-5	TIN	10.8	U	1.08	10.8	mg/kg	U	J	U	B, Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7440-32-6	TITANIUM	1080		0.411	1.08	mg/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7440-42-8	BORON	5.55		0.962	5.40	mg/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7440-67-7	Zirconium	5.4	U	0.908	5.40	mg/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7440-70-2	CALCIUM	3840		6.63	21.6	mg/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6010B	12/30/2010	NA	3050B	DE042	9.3	1	7723-14-0	PHOSPHORUS	457	J	0.605	10.8	mg/kg	J		J	Q	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	1/4/2011	NA	3050B	DE042	9.3	2	7782-49-2	SELENIUM	0.148	J	0.0441	0.441	mg/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7439-98-7	MOLYBDENUM	0.641	J	0.0551	0.110	mg/kg	J		J	Q	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-39-3	BARIUM	119	J	0.119	0.441	mg/kg	J		J	E, *#	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7439-92-1	LEAD	13.8	J	0.0115	0.221	mg/kg	J		J	E, *#	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-02-0	NICKEL	12.9	J	0.110	0.441	mg/kg	J		J	E, Q, *#	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-22-4	SILVER	0.0437	J	0.0132	0.110	mg/kg	J	J	J	Q, Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-28-0	THALLIUM	0.368	J	0.0331	0.110	mg/kg	J		J	Q	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-36-0	ANTIMONY	0.221	UJ	0.0662	0.221	mg/kg	UJ	J	UJ	B, Q, Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-38-2	ARSENIC	6.56	J	0.0662	0.441	mg/kg	J		J	E, Q	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-41-7	BERYLLIUM	0.675	J	0.0176	0.110	mg/kg	J		J	E, Q	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-43-9	CADMIUM	0.279	J	0.0397	0.110	mg/kg	J		J	Q	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-47-3	CHROMIUM	20.1	J	0.132	0.441	mg/kg	J		J	E, Q, *#	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-48-4	COBALT	6.24	J	0.0221	0.110	mg/kg	J		J	Q, *#	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-50-8	COPPER	9.7	J	0.0728	0.441	mg/kg	J		J	E, Q, *#	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-62-2	VANADIUM	41.7	J	0.0243	0.110	mg/kg	J		J	E, Q, *#	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6020	12/30/2010	NA	3050B	DE042	9.3	2	7440-66-6	ZINC	91.8	J	0.617	3.31	mg/kg	J		J	E	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	6850	1/5/2011		METHOD	DE042	9.3	1	14797-73-0	PERCHLORATE	5.5	U	2.3	5.5	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	7199	1/18/2011		3060A	DE042	9.3	1	18540-29-9	HEXAVALENT CHROMIUM	0.6	J	0.22	1.1	mg/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	7471A	12/23/2010	NA	METHOD	DE042	9.3	1	7439-97-6	MERCURY	0.105	U	0.0030	0.105	mg/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	1024-57-3	HEPTACHLOR EPOXIDE	0.45	U	0.45	0.45	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	1031-07-8	ENDOSULFAN SULFATE	0.37	U	0.34	0.37	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	2385-85-5	MIREX	0.6	U	0.60	0.60	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	309-00-2	ALDRIN	0.18	U	0.15	0.18	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	319-84-6	ALPHA-BHC	1.2	J	0.037	0.18	ug/kg	J		J	S	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	319-85-7	BETA-BHC	0.18	U	0.066	0.18	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	319-86-8	DELTA-BHC	0.27	J	0.040	0.18	ug/kg	J		J	S	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	33213-65-9	ENDOSULFAN II	0.37	U	0.30	0.37	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	50-29-3	4,4'-DDT	1.2	U	1.2	1.2	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	53494-70-5	ENDRIN KETONE	0.37	U	0.073	0.37	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	57-74-9	Chlordane	5	U	5.0	5.0	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	58-89-9	gamma-BHC (Lindane)	0.18	U	0.11	0.18	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	60-57-1	DIELDRIN	0.37	U	0.073	0.37	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	72-20-8	ENDRIN	0.37	U	0.073	0.37	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	72-43-5	METHOXYCHLOR	1.8	U	0.37	1.8	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	72-54-8	4,4'-DDD	0.37	U	0.073	0.37	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	72-55-9	4,4'-DDE	1.4	U	1.4	1.4	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	7421-93-4	ENDRIN ALDEHYDE	0.64	U	0.64	0.64	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	76-44-8	HEPTACHLOR	0.18	U	0.13	0.18	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	8001-35-2	TOXAPHENE	7.3	U	2.4	7.3	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8081A	1/24/2011		3550B	DE042	9.3	1	959-98-8	ENDOSULFAN I	0.13	J	0.049	0.18	ug/kg	J	J	J	S, Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	11096-82-5	AROCLOR 1260	1.1	J	0.36	1.9	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	11097-69-1	AROCLOR 1254	2.2		0.36	1.9	ug/kg					MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	11100-14-4	Aroclor 1268	1.9	U	0.36	1.9	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	11104-28-2	AROCLOR 1221	1.9	U	0.55	1.9	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	11126-42-4	Aroclor 5460	2.6	J	1.1	3.6	ug/kg	J	J	J	L, Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	11141-16-5	AROCLOR 1232	1.9	U	0.57	1.9	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	12642-23-8	Aroclor 5442	3.6	UJ	1.1	3.6	ug/kg	UJ	U	UJ	L	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	12672-29-6	AROCLOR 1248	1.9	U	0.36	1.9	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	12674-11-2	AROCLOR 1016	1.9	U	0.36	1.9	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	37324-23-5	Aroclor 1262	1.9	U	0.36	1.9	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	53469-21-9	AROCLOR 1242	1.9	U	0.55	1.9	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8082	12/30/2010		3550B	DE042	9.3	1	63496-31-1	Aroclor 5432	3.6	UJ	1.1	3.6	ug/kg	UJ	U	UJ	L	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8151A	1/2/2011		3550B	DE042	9.3	1	120-36-5	DICHLOROPROP	1.9	U	0.88	1.9	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8151A	1/2/2011		3550B	DE042	9.3	1	1918-00-9	DICAMBA	0.59	J	0.44	1.3	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8151A	1/2/2011		3550B	DE042	9.3	1	75-99-0	DALAPON	9.9	U	4.9	9.9	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8151A	1/2/2011		3550B	DE042	9.3	1	88-85-7	DINOSEB	2.6	R	0.88	2.6	ug/kg	R	U	R	L	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8151A	1/2/2011		3550B	DE042	9.3	1	93-65-2	MCPP	280	U	83	280	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8151A	1/2/2011		3550B	DE042	9.3	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.083	0.19	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8151A	1/2/2011		3550B	DE042	9.3	1	93-76-5	2,4,5-T	0.19	U	0.090	0.19	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8151A	1/2/2011		3550B	DE042	9.3	1	94-74-6	MCPA	280	U	84	280	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8151A	1/2/2011		3550B	DE042	9.3	1	94-75-7	2,4-D	1.9	J	1.3	4.0	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8151A	1/2/2011		3550B	DE042	9.3	1	94-82-6	2,4-DB	8.9	U	8.9	8.9	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	100-01-6	4-NITROANILINE	180	U	74	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	100-02-7	4-NITROPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	100-51-6	BENZYL ALCOHOL	550	U	180	550	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	105-67-9	2,4-DIMETHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	106-44-5	4-METHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	106-46-7	1,4-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	106-47-8	4-CHLOROANILINE	180	U	74	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	108-68-9	3,5-Dimethylphenol	180	U	37	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	108-95-2	PHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	95	J	18	370	ug/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	118-74-1	HEXACHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	120-82-1	1,2,4-TRICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	120-83-2	2,4-DICHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	121-14-2	2,4-DINITROTOLUENE	180	U	37	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	132-64-9	DIBENZOFURAN	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	51-28-5	2,4-DINITROPHENOL	2200	U	740	2200	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	541-73-1	1,3-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	59-50-7	4-CHLORO-3-METHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	606-20-2	2,6-DINITROTOLUENE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	62-53-3	ANILINE	550	U	180	550	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	65-85-0	BENZOIC ACID	550	U	180	550	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	67-72-1	HEXACHLOROETHANE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	180	U	37	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	550	U	180	550	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	78-59-1	ISOPHORONE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	86-30-6	N-NITROSODIPHENYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	86-74-8	CARBAZOLE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	87-68-3	HEXACHLOROBUTADIENE	180	U	74	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	87-86-5	PENTACHLOROPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	88-06-2	2,4,6-TRICHLOROPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	88-74-4	2-NITROANILINE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	88-75-5	2-NITROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	91-58-7	2-CHLORONAPHTHALENE	180	U	18	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	91-94-1	3,3'-DICHLOROBENZIDINE	370	U	110	370	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	92-87-5	BENZIDINE	3700	U	1300	3700	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167468	8270C	1/19/2011		3550B	DE042	9.3	1	95-48-7	2-METHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	1746-01-6	2,3,7,8-TCDD	0.12	J	0.0259	1.10	ng/kg	J	J	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	19408-74-3	1,2,3,7,8,9-HXCDD	1.06	J	0.0219	5.51	ng/kg	J	JB	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	3268-87-9	OCDD	314		0.0649	11.0	ng/kg		B			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	32.2		0.0462	5.51	ng/kg		B			MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	39001-02-0	OCDF	10.8	J	0.0277	11.0	ng/kg	J	JB	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.511	J	0.0213	5.51	ng/kg	J	JB	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	40321-76-4	1,2,3,7,8-PECDD	0.432	J	0.0523	5.51	ng/kg	J	JB	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	51207-31-9	2,3,7,8-TCDF	1.1	U	0.0351	1.10	ng/kg	U	JB	U	B, Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.462	J	0.0233	5.51	ng/kg	J	JB	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	57117-31-4	2,3,4,7,8-PECDF	0.515	J	0.0161	5.51	ng/kg	J	JB	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	57117-41-6	1,2,3,7,8-PECDF	0.307	J	0.0160	5.51	ng/kg	J	JB	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.51	U	0.0173	5.51	ng/kg	U	JB	U	B, Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	57653-85-7	1,2,3,6,7,8-HXCDD	1.4	J	0.0225	5.51	ng/kg	J	JB	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.51	U	0.0191	5.51	ng/kg	U	JB	U	B, Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.49	J	0.0166	5.51	ng/kg	J	JB	J	Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.51	U	0.0192	5.51	ng/kg	U	JB	U	B, Z	MDL	PQL	6345646.142	1908545.571
SED-011-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167492	1613B	1/21/2011		METHOD	DX026	9.3	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.51	U	0.0209	5.51	ng/kg	U	JB	U	B, Z	MDL	PQL	6345646.142	1908545.571
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	160.3M	12/20/2010		Gen Prep	DE045	5.8	1	MOIST	MOISTURE	5.8		0.50	0.50	%					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	300.0	1/11/2011		METHOD	DE045	5.8	1	16984-48-8	FLUORIDE	1.7		0.85	1.1	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	314.0	1/11/2011		METHOD	DE045	5.8	1	14797-73-0	PERCHLORATE	31.8	U	9.6	31.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7429-90-5	ALUMINUM	7920		5.34	21.2	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7439-89-6	IRON	14400		5.00	21.2	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7439-93-2	LITHIUM	17.6		0.23	2.1	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7439-95-4	MAGNESIUM	3640		2.70	10.6	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7439-96-5	MANGANESE	209		0.0828	0.531	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7440-09-7	POTASSIUM	2450		19.1	53.1	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7440-23-5	SODIUM	78.1	J	39.6	106	mg/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7440-24-6	STRONTIUM	10.3		0.0658	0.531	mg/kg					MDL	PQL	6345779.939	1908281.723

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7440-31-5	TIN	10.6	U	1.06	10.6	mg/kg	U	J	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7440-32-6	TITANIUM	786		0.403	1.06	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7440-42-8	BORON	6.39		0.945	5.31	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7440-67-7	Zirconium	1.57	J	0.892	5.31	mg/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7440-70-2	CALCIUM	3220		6.51	21.2	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6010B	12/30/2010	NA	3050B	DE045	5.8	1	7723-14-0	PHOSPHORUS	327		0.594	10.6	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7439-92-1	LEAD	9.9	J	0.0105	0.202	mg/kg	J		J	Q	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-02-0	NICKEL	9.76	J	0.101	0.404	mg/kg	J		J	Q, *#	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-22-4	SILVER	0.0246	J	0.0121	0.101	mg/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-28-0	THALLIUM	0.216		0.0303	0.101	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-36-0	ANTIMONY	0.1	J	0.0607	0.202	mg/kg	J	J	J	Q, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-38-2	ARSENIC	5.73	J	0.0607	0.404	mg/kg	J		J	Q	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-41-7	BERYLLIUM	0.405		0.0162	0.101	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-43-9	CADMIUM	0.157	J	0.0364	0.101	mg/kg	J		J	Q	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-47-3	CHROMIUM	15.3	J	0.121	0.404	mg/kg	J		J	Q	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-48-4	COBALT	4.48	J	0.0202	0.101	mg/kg	J		J	*#	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-50-8	COPPER	7.46	J	0.0667	0.404	mg/kg	J		J	Q	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-62-2	VANADIUM	32.1	J	0.0222	0.101	mg/kg	J		J	Q	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-66-6	ZINC	64.1		0.566	3.03	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7782-49-2	SELENIUM	0.172	J	0.0404	0.404	mg/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7439-98-7	MOLYBDENUM	0.478	J	0.0506	0.101	mg/kg	J		J	Q	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	6020	1/3/2011	NA	3050B	DE045	5.8	2	7440-39-3	BARIUM	65.3		0.109	0.404	mg/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	7199	1/20/2011		3060A	DE045	5.8	1	18540-29-9	HEXAVALENT CHROMIUM	0.56	J	0.21	1.1	mg/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	7471A	12/28/2010	NA	METHOD	DE045	5.8	1	7439-97-6	MERCURY	0.0078	J	0.0029	0.101	mg/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	1024-57-3	HEPTACHLOR EPOXIDE	0.18	U	0.036	0.18	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	1031-07-8	ENDOSULFAN SULFATE	0.36	U	0.070	0.36	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	2385-85-5	MIREX	0.36	U	0.070	0.36	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	309-00-2	ALDRIN	0.18	U	0.070	0.18	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	319-84-6	ALPHA-BHC	0.18	U	0.036	0.18	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	319-85-7	BETA-BHC	0.18	U	0.064	0.18	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	319-86-8	DELTA-BHC	0.18	U	0.038	0.18	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	33213-65-9	ENDOSULFAN II	0.36	U	0.11	0.36	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	50-29-3	4,4'-DDT	1.4		0.070	0.36	ug/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	53494-70-5	ENDRIN KETONE	0.36	U	0.070	0.36	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	57-74-9	Chlordane	3.6	U	0.85	3.6	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	58-89-9	gamma-BHC (Lindane)	0.18	U	0.036	0.18	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	60-57-1	DIELDRIN	0.12	J	0.070	0.36	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	72-20-8	ENDRIN	0.36	U	0.070	0.36	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	72-43-5	METHOXYCHLOR	1.8	U	0.36	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	72-54-8	4,4'-DDD	0.35	J	0.070	0.36	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	72-55-9	4,4'-DDE	1		0.070	0.36	ug/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	7421-93-4	ENDRIN ALDEHYDE	0.4		0.070	0.36	ug/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	76-44-8	HEPTACHLOR	0.18	U	0.064	0.18	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	8001-35-2	TOXAPHENE	7	U	2.3	7.0	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8081A	1/8/2011		3550B	DE045	5.8	1	959-98-8	ENDOSULFAN I	0.18	U	0.047	0.18	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	11096-82-5	AROCLOR 1260	1.8	U	1.1	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	11097-69-1	AROCLOR 1254	1.8	U	0.47	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	11100-14-4	Aroclor 1268	1.8	U	0.35	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	11104-28-2	AROCLOR 1221	1.8	U	0.53	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	11126-42-4	Aroclor 5460	3.5	UJ	1.1	3.5	ug/kg	UJ	U	UJ	L	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	11141-16-5	AROCLOR 1232	1.8	U	0.55	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	12642-23-8	Aroclor 5442	3.5	UJ	1.1	3.5	ug/kg	UJ	U	UJ	L	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	12672-29-6	AROCLOR 1248	1.8	U	0.35	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	12674-11-2	AROCLOR 1016	1.8	U	0.35	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	37324-23-5	Aroclor 1262	1.8	U	0.35	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	53469-21-9	AROCLOR 1242	1.8	U	0.53	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8082	1/6/2011		3550B	DE045	5.8	1	63496-31-1	Aroclor 5432	3.5	UJ	1.1	3.5	ug/kg	UJ	U	UJ	L	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8151A	1/1/2011		3550B	DE045	5.8	1	120-36-5	DICHLOROPROP	1.8	U	0.85	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8151A	1/1/2011		3550B	DE045	5.8	1	1918-00-9	DICAMBA	0.77	J	0.42	1.3	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8151A	1/1/2011		3550B	DE045	5.8	1	75-99-0	DALAPON	9.6	U	4.7	9.6	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8151A	1/1/2011		3550B	DE045	5.8	1	88-85-7	DINOSEB	2.5	R	0.85	2.5	ug/kg	R	U	R	L	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8151A	1/1/2011		3550B	DE045	5.8	1	93-65-2	MCPP	240	J	80	270	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8151A	1/1/2011		3550B	DE045	5.8	1	93-72-1	2,4,5-TP (Silvex)	0.18	U	0.080	0.18	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8151A	1/1/2011		3550B	DE045	5.8	1	93-76-5	2,4,5-T	0.18	U	0.087	0.18	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8151A	1/1/2011		3550B	DE045	5.8	1	94-74-6	MCPA	270	U	81	270	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8151A	1/1/2011		3550B	DE045	5.8	1	94-75-7	2,4-D	3.8	U	1.3	3.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8151A	1/1/2011		3550B	DE045	5.8	1	94-82-6	2,4-DB	6.9	U	6.9	6.9	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	100-01-6	4-NITROANILINE	180	U	71	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	100-02-7	4-NITROPHENOL	530	U	180	530	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	100-51-6	BENZYL ALCOHOL	530	U	180	530	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	105-67-9	2,4-DIMETHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	106-44-5	4-METHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	106-46-7	1,4-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	106-47-8	4-CHLOROANILINE	180	U	71	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	108-68-9	3,5-Dimethylphenol	180	U	35	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	108-95-2	PHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	118-74-1	HEXACHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	120-82-1	1,2,4-TRICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	120-83-2	2,4-DICHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	121-14-2	2,4-DINITROTOLUENE	180	U	35	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	132-64-9	DIBENZOFURAN	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	51-28-5	2,4-DINITROPHENOL	2100	U	710	2100	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	530	U	180	530	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	541-73-1	1,3-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	59-50-7	4-CHLORO-3-METHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	606-20-2	2,6-DINITROTOLUENE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	62-53-3	ANILINE	530	U	180	530	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	65-85-0	BENZOIC ACID	530	U	180	530	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	67-72-1	HEXACHLOROETHANE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	180	U	35	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	530	U	180	530	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	78-59-1	ISOPHORONE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	86-30-6	N-NITROSODIPHENYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	86-74-8	CARBAZOLE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	87-68-3	HEXACHLOROBUTADIENE	180	U	71	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	87-86-5	PENTACHLOROPHENOL	530	U	180	530	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	88-06-2	2,4,6-TRICHLOROPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	88-74-4	2-NITROANILINE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	88-75-5	2-NITROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	91-58-7	2-CHLORONAPHTHALENE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	91-94-1	3,3'-DICHLOROBENZIDINE	350	U	110	350	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	92-87-5	BENZIDINE	3500	U	1200	3500	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	95-48-7	2-METHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	95-50-1	1,2-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	95-57-8	2-CHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	95-95-4	2,4,5-TRICHLOROPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	98-95-3	NITROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C	1/18/2011		3550B	DE045	5.8	1	99-09-2	3-NITROANILINE	180	U	35	180	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	13	J	6.4	19	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	117-84-0	Di-n-octylphthalate	19	U	6.4	19	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	129-00-0	PYRENE	1.8		0.71	1.8	ug/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	131-11-3	Dimethylphthalate	19	U	6.4	19	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	191-24-2	BENZO(G,H,I)PERYLENE	0.82	J	0.71	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	205-99-2	BENZO(B)FLUORANTHENE	2.2		0.71	1.8	ug/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	206-44-0	FLUORANTHENE	2		0.71	1.8	ug/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	207-08-9	BENZO(K)FLUORANTHENE	0.89	J	0.71	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	218-01-9	CHRYSENE	1.5	J	0.35	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	50-32-8	BENZO(A)PYRENE	1	J	0.71	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	56-55-3	BENZO(A)ANTHRACENE	0.95	J	0.71	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	62-75-9	N-NITROSODIMETHYLAMINE	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	83-32-9	ACENAPHTHENE	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	84-66-2	Diethylphthalate	19	U	6.4	19	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	84-74-2	Di-n-butylphthalate	19	U	6.4	19	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	85-01-8	PHENANTHRENE	1.3	J	0.71	1.8	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	85-68-7	Butylbenzylphthalate	12	J	6.4	19	ug/kg	J	J	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	86-73-7	FLUORENE	11		0.71	1.8	ug/kg					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	91-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	8270C SIM	1/11/2011		3550B	DE045	5.8	1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	9045M	12/21/2010		Gen Prep	DE045	5.8	1	pH	PH	7.64		0.0100	0.0100	pH unit					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169020	ASTM D1498	12/21/2010		Gen Prep	DE045	5.8	1	REDOX	Oxidation Reduction Potential	477		10.0	10.0	mv					MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	1746-01-6	2,3,7,8-TCDD	1.06	U	0.0412	1.06	ng/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	19408-74-3	1,2,3,7,8,9-HXCDD	5.31	U	0.0518	5.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	3268-87-9	OCDD	153		0.0494	10.6	ng/kg		B			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	15.8		0.0505	5.31	ng/kg		B			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	39001-02-0	OCDF	5.17	J	0.0334	10.6	ng/kg	J	JB	J	Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	39227-28-6	1,2,3,4,7,8-HxCDD	5.31	U	0.0497	5.31	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	40321-76-4	1,2,3,7,8-PECDD	5.31	U	0.0464	5.31	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	51207-31-9	2,3,7,8-TCDF	1.06	U	0.0670	1.06	ng/kg		U			MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.31	U	0.0454	5.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	57117-31-4	2,3,4,7,8-PECDF	5.31	U	0.0251	5.31	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	57117-41-6	1,2,3,7,8-PECDF	5.31	U	0.0305	5.31	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.31	U	0.0299	5.31	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	57653-85-7	1,2,3,6,7,8-HXCDD	5.31	U	0.0508	5.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.31	U	0.0338	5.31	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.31	U	0.0340	5.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.31	U	0.0350	5.31	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345779.939	1908281.723
SED-012-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169035	1613B	2/7/2011		METHOD	DX029	5.8	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.31	U	0.0369	5.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6345779.939	1908281.723

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	160.3M	12/23/2010		Gen Prep	DE042	13	1	MOIST	MOISTURE	13		0.50	0.50	%					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	300.0	1/12/2011		METHOD	DE042	13	1	16984-48-8	FLUORIDE	2.6		0.92	1.1	mg/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	314.0	1/12/2011		METHOD	DE042	13	1	14797-73-0	PERCHLORATE	34.5	U	10.3	34.5	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7429-90-5	ALUMINUM	19000		5.78	23.0	mg/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7439-89-6	IRON	27700		5.41	23.0	mg/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7439-93-2	LITHIUM	32.2	J	0.25	2.3	mg/kg	J		J	*#	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7439-95-4	MAGNESIUM	6690		2.92	11.5	mg/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7439-96-5	MANGANESE	524		0.0897	0.575	mg/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7440-09-7	POTASSIUM	4530	J	20.7	57.5	mg/kg	J		J	Q	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7440-23-5	SODIUM	112	J	42.9	115	mg/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7440-24-6	STRONTIUM	24.5		0.0713	0.575	mg/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7440-31-5	TIN	11.5	U	1.15	11.5	mg/kg	U	J	U	B, Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7440-32-6	TITANIUM	1550		0.437	1.15	mg/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7440-42-8	BORON	4.43	J	1.02	5.75	mg/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7440-67-7	Zirconium	5.75	U	0.966	5.75	mg/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7440-70-2	CALCIUM	4700		7.05	23.0	mg/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6010B	12/30/2010	NA	3050B	DE042	13	1	7723-14-0	PHOSPHORUS	449	J	0.644	11.5	mg/kg	J		J	Q	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	1/4/2011	NA	3050B	DE042	13	2	7782-49-2	SELENIUM	0.207	J	0.0438	0.438	mg/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7439-98-7	MOLYBDENUM	0.992	J	0.0547	0.109	mg/kg	J		J	Q	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-39-3	BARIUM	180	J	0.118	0.438	mg/kg	J		J	E, *#	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7439-92-1	LEAD	19.8	J	0.0114	0.219	mg/kg	J		J	E, *#	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-02-0	NICKEL	21.7	J	0.109	0.438	mg/kg	J		J	E, Q, *#	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-22-4	SILVER	0.0981	J	0.0131	0.109	mg/kg	J	J	J	Q, Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-28-0	THALLIUM	0.575	J	0.0328	0.109	mg/kg	J		J	Q	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-36-0	ANTIMONY	0.219	UJ	0.0657	0.219	mg/kg	UJ	J	UJ	B, Q, Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-38-2	ARSENIC	9.74	J	0.0657	0.438	mg/kg	J		J	E, Q	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-41-7	BERYLLIUM	1.06	J	0.0175	0.109	mg/kg	J		J	E, Q	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-43-9	CADMIUM	0.423	J	0.0394	0.109	mg/kg	J		J	Q	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-47-3	CHROMIUM	37.4	J	0.131	0.438	mg/kg	J		J	E, Q, *#	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-48-4	COBALT	9.87	J	0.0219	0.109	mg/kg	J		J	Q, *#	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-50-8	COPPER	15.4	J	0.0722	0.438	mg/kg	J		J	E, Q, *#	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-62-2	VANADIUM	69	J	0.0241	0.109	mg/kg	J		J	E, Q, *#	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	6020	12/30/2010	NA	3050B	DE042	13	2	7440-66-6	ZINC	141	J	0.613	3.28	mg/kg	J		J	E	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	7199	1/18/2011		3060A	DE042	13	1	18540-29-9	HEXAVALENT CHROMIUM	0.95	J	0.23	1.1	mg/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	7471A	12/23/2010	NA	METHOD	DE042	13	1	7439-97-6	MERCURY	0.0198	J	0.0031	0.109	mg/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	1024-57-3	HEPTACHLOR EPOXIDE	0.19	U	0.12	0.19	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	1031-07-8	ENDOSULFAN SULFATE	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	2385-85-5	MIREX	0.55	U	0.55	0.55	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	309-00-2	ALDRIN	0.19	U	0.076	0.19	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	319-84-6	ALPHA-BHC	0.19	U	0.039	0.19	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	319-85-7	BETA-BHC	0.19	U	0.069	0.19	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	319-86-8	DELTA-BHC	0.071	J	0.041	0.19	ug/kg	J	J	J	S, Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	33213-65-9	ENDOSULFAN II	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	50-29-3	4,4'-DDT	1.1	U	1.1	1.1	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	53494-70-5	ENDRIN KETONE	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	57-74-9	Chlordane	7	U	7.0	7.0	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	58-89-9	gamma-BHC (Lindane)	0.19	U	0.039	0.19	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	60-57-1	DIELDRIN	0.39	U	0.27	0.39	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	72-20-8	ENDRIN	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	72-43-5	METHOXYCHLOR	1.9	U	0.39	1.9	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	72-54-8	4,4'-DDD	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	72-55-9	4,4'-DDE	1.7	U	1.7	1.7	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	7421-93-4	ENDRIN ALDEHYDE	0.85	U	0.85	0.85	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	76-44-8	HEPTACHLOR	0.19	U	0.069	0.19	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	8001-35-2	TOXAPHENE	7.6	U	2.5	7.6	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8081A	1/24/2011		3550B	DE042	13	1	959-98-8	ENDOSULFAN I	0.19	U	0.051	0.19	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	11096-82-5	AROCLOR 1260	3.3		0.38	2.0	ug/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	11097-69-1	AROCLOR 1254	5.9		0.38	2.0	ug/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	11100-14-4	Aroclor 1268	2	U	0.38	2.0	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	11104-28-2	AROCLOR 1221	2	U	0.57	2.0	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	11126-42-4	Aroclor 5460	4.7	J	1.1	3.8	ug/kg	J		J	L	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	11141-16-5	AROCLOR 1232	2	U	0.60	2.0	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	12642-23-8	Aroclor 5442	3.8	UJ	1.1	3.8	ug/kg	UJ	U	UJ	L	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	12672-29-6	AROCLOR 1248	2	U	0.38	2.0	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	12674-11-2	AROCLOR 1016	2	U	0.38	2.0	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	37324-23-5	Aroclor 1262	2	U	0.38	2.0	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	53469-21-9	AROCLOR 1242	2	U	0.57	2.0	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8082	12/30/2010		3550B	DE042	13	1	63496-31-1	Aroclor 5432	3.8	UJ	1.1	3.8	ug/kg	UJ	U	UJ	L	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8151A	1/2/2011		3550B	DE042	13	1	120-36-5	DICHLOROPROP	2	U	0.92	2.0	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8151A	1/2/2011		3550B	DE042	13	1	1918-00-9	DICAMBA	0.78	J	0.46	1.4	ug/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8151A	1/2/2011		3550B	DE042	13	1	75-99-0	DALAPON	10	U	5.1	10	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8151A	1/2/2011		3550B	DE042	13	1	88-85-7	DINOSEB	2.8	R	0.92	2.8	ug/kg	R	U	R	L	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8151A	1/2/2011		3550B	DE042	13	1	93-65-2	MCPP	290	U	86	290	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8151A	1/2/2011		3550B	DE042	13	1	93-72-1	2,4,5-TP (Silvex)	0.2	U	0.086	0.20	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8151A	1/2/2011		3550B	DE042	13	1	93-76-5	2,4,5-T	0.2	U	0.094	0.20	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8151A	1/2/2011		3550B	DE042	13	1	94-74-6	MCPA	870		87	290	ug/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8151A	1/2/2011		3550B	DE042	13	1	94-75-7	2,4-D	4.1	U	1.4	4.1	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8151A	1/2/2011		3550B	DE042	13	1	94-82-6	2,4-DB	2	U	0.71	2.0	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	100-01-6	4-NITROANILINE	190	U	77	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	100-02-7	4-NITROPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	100-51-6	BENZYL ALCOHOL	570	U	190	570	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	106-44-5	4-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	106-47-8	4-CHLOROANILINE	190	U	77	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	108-68-9	3,5-Dimethylphenol	190	U	38	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	28	J	19	380	ug/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	121-14-2	2,4-DINITROTOLUENE	190	U	38	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	51-28-5	2,4-DINITROPHENOL	2300	U	770	2300	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	62-53-3	ANILINE	570	U	190	570	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	65-85-0	BENZOIC ACID	570	U	190	570	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	38	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	570	U	190	570	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	87-68-3	HEXACHLOROBUTADIENE	190	U	77	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	87-86-5	PENTACHLOROPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	91-94-1	3,3'-DICHLOROBENZIDINE	380	U	110	380	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	92-87-5	BENZIDINE	3800	U	1300	3800	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	95-48-7	2-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C	1/19/2011		3550B	DE042	13	1	99-09-2	3-NITROANILINE	190	U	38	190	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	117-84-0	Di-n-octylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	120-12-7	ANTHRACENE	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	129-00-0	PYRENE	3.4		0.77	1.9	ug/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	131-11-3	Dimethylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	191-24-2	BENZO(G,H,I)PERYLENE	1.4	J	0.77	1.9	ug/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.2	J	0.77	1.9	ug/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	205-99-2	BENZO(B)FLUORANTHENE	4.1		0.77	1.9	ug/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	206-44-0	FLUORANTHENE	3.8		0.77	1.9	ug/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	207-08-9	BENZO(K)FLUORANTHENE	1.3	J	0.77	1.9	ug/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	218-01-9	CHRYSENE	3		0.38	1.9	ug/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	50-32-8	BENZO(A)PYRENE	2.2		0.77	1.9	ug/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	56-55-3	BENZO(A)ANTHRACENE	1.7	J	0.77	1.9	ug/kg	J	J	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	83-32-9	ACENAPHTHENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	84-66-2	Diethylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	84-74-2	Di-n-butylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	85-01-8	PHENANTHRENE	2.1		0.77	1.9	ug/kg					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	85-68-7	Butylbenzylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	86-73-7	FLUORENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	91-20-3	NAPHTHALENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	8270C SIM	1/6/2011		3550B	DE042	13	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	9045M	12/20/2010		Gen Prep	DE042	13	1	pH	PH	7.32		0.0100	0.0100	pH unit					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167469	ASTM D1498	12/20/2010		Gen Prep	DE042	13	1	REDOX	Oxidation Reduction Potential	418		10.0	10.0	mv					MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	1746-01-6	2,3,7,8-TCDD	0.0815	J	0.0213	1.15	ng/kg	J	JQ	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	19408-74-3	1,2,3,7,8,9-HXCDD	3	J	0.0314	5.75	ng/kg	J	JB	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	3268-87-9	OCDD	869		0.0698	11.5	ng/kg		B			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	93		0.0838	5.75	ng/kg		B			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	39001-02-0	OCDF	28.3		0.0289	11.5	ng/kg		B			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	39227-28-6	1,2,3,4,7,8-HxCDD	1.48	J	0.0316	5.75	ng/kg	J	JB	J	Z	MDL	PQL	6346273.698	1908469.617

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	40321-76-4	1,2,3,7,8-PECDD	0.847	J	0.0495	5.75	ng/kg	J	JBQ	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	51207-31-9	2,3,7,8-TCDF	0.355	J	0.0380	1.15	ng/kg	J	JB	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.11	J	0.0385	5.75	ng/kg	J	JB	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	57117-31-4	2,3,4,7,8-PECDF	0.68	J	0.0182	5.75	ng/kg	J	JB	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	57117-41-6	1,2,3,7,8-PECDF	0.551	J	0.0180	5.75	ng/kg	J	JB	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.743	J	0.0234	5.75	ng/kg	J	JB	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	57653-85-7	1,2,3,6,7,8-HXCDD	3.74	J	0.0328	5.75	ng/kg	J	JB	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.972	J	0.0254	5.75	ng/kg	J	JB	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	14.3		0.0260	5.75	ng/kg		B			MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.855	J	0.0260	5.75	ng/kg	J	JB	J	Z	MDL	PQL	6346273.698	1908469.617
SED-013-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167493	1613B	1/21/2011		METHOD	DX026	13	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.75	U	0.0272	5.75	ng/kg	U	JB	U	B, Z	MDL	PQL	6346273.698	1908469.617
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	160.3M	12/20/2010		Gen Prep	DE045	15	1	MOIST	MOISTURE	15		0.50	0.50	%					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	300.0	1/11/2011		METHOD	DE045	15	1	16984-48-8	FLUORIDE	1.1	J	0.94	1.2	mg/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	314.0	1/11/2011		METHOD	DE045	15	1	14797-73-0	PERCHLORATE	35.3	U	10.6	35.3	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7429-90-5	ALUMINUM	11900		5.86	23.3	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7439-89-6	IRON	18700		5.49	23.3	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7439-93-2	LITHIUM	21.1		0.26	2.3	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7439-95-4	MAGNESIUM	5030		2.96	11.6	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7439-96-5	MANGANESE	274		0.0909	0.582	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7440-09-7	POTASSIUM	3040		21.0	58.2	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7440-23-5	SODIUM	101	J	43.4	116	mg/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7440-24-6	STRONTIUM	26.6		0.0722	0.582	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7440-31-5	TIN	11.6	U	1.16	11.6	mg/kg	U	J	U	B, Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7440-32-6	TITANIUM	1070		0.443	1.16	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7440-42-8	BORON	8.15		1.04	5.82	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7440-67-7	Zirconium	2.4	J	0.978	5.82	mg/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7440-70-2	CALCIUM	6160		7.14	23.3	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6010B	12/30/2010	NA	3050B	DE045	15	1	7723-14-0	PHOSPHORUS	441		0.652	11.6	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7439-92-1	LEAD	12.2	J	0.0120	0.231	mg/kg	J		J	Q	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-02-0	NICKEL	14.4	J	0.115	0.461	mg/kg	J		J	Q, *#	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-22-4	SILVER	0.035	J	0.0138	0.115	mg/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-28-0	THALLIUM	0.307		0.0346	0.115	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-36-0	ANTIMONY	0.101	J	0.0692	0.231	mg/kg	J	J	J	Q, Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-38-2	ARSENIC	5.93	J	0.0692	0.461	mg/kg	J		J	Q	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-41-7	BERYLLIUM	0.591		0.0185	0.115	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-43-9	CADMIUM	0.279	J	0.0415	0.115	mg/kg	J		J	Q	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-47-3	CHROMIUM	22.9	J	0.138	0.461	mg/kg	J		J	Q	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-48-4	COBALT	8.83	J	0.0231	0.115	mg/kg	J		J	*#	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-50-8	COPPER	10.8	J	0.0761	0.461	mg/kg	J		J	Q	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-62-2	VANADIUM	47.2	J	0.0254	0.115	mg/kg	J		J	Q	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-66-6	ZINC	84.4		0.646	3.46	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7782-49-2	SELENIUM	0.239	J	0.0461	0.461	mg/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7439-98-7	MOLYBDENUM	1.09	J	0.0577	0.115	mg/kg	J		J	Q	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	6020	1/3/2011	NA	3050B	DE045	15	2	7440-39-3	BARIUM	117		0.125	0.461	mg/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	7199	1/20/2011		3060A	DE045	15	1	18540-29-9	HEXAVALENT CHROMIUM	0.32	J	0.24	1.2	mg/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	7471A	12/28/2010	NA	METHOD	DE045	15	1	7439-97-6	MERCURY	0.0209	J	0.0032	0.111	mg/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	1024-57-3	HEPTACHLOR EPOXIDE	0.2	U	0.11	0.20	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	1031-07-8	ENDOSULFAN SULFATE	0.4	U	0.078	0.40	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	2385-85-5	MIREX	0.4	U	0.24	0.40	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	309-00-2	ALDRIN	0.2	U	0.078	0.20	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	319-84-6	ALPHA-BHC	0.2	U	0.040	0.20	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	319-85-7	BETA-BHC	0.2	U	0.071	0.20	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	319-86-8	DELTA-BHC	0.11	J	0.042	0.20	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	33213-65-9	ENDOSULFAN II	0.4	U	0.18	0.40	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	50-29-3	4,4'-DDT	0.92	U	0.92	0.92	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	53494-70-5	ENDRIN KETONE	0.4	U	0.078	0.40	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	57-74-9	Chlordane	4	U	0.94	4.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	58-89-9	gamma-BHC (Lindane)	0.2	U	0.040	0.20	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	60-57-1	DIELDRIN	0.4	U	0.078	0.40	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	72-20-8	ENDRIN	0.4	U	0.078	0.40	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	72-43-5	METHOXYCHLOR	2	U	0.40	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	72-54-8	4,4'-DDD	0.48	U	0.48	0.48	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	72-55-9	4,4'-DDE	0.73	U	0.73	0.73	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	7421-93-4	ENDRIN ALDEHYDE	0.4	U	0.17	0.40	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	76-44-8	HEPTACHLOR	0.2	U	0.071	0.20	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	8001-35-2	TOXAPHENE	7.8	U	2.6	7.8	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8081A	1/8/2011		3550B	DE045	15	1	959-98-8	ENDOSULFAN I	0.2	U	0.052	0.20	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	11096-82-5	AROCLOR 1260	1.9	J	0.39	2.0	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	11097-69-1	AROCLOR 1254	4.4		0.39	2.0	ug/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	11100-14-4	Aroclor 1268	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	11104-28-2	AROCLOR 1221	2	U	0.59	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	11126-42-4	Aroclor 5460	4.8	J	1.2	3.9	ug/kg	J		J	L	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	11141-16-5	AROCLOR 1232	2	U	0.61	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	12642-23-8	Aroclor 5442	3.9	UJ	1.2	3.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	12672-29-6	AROCLOR 1248	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	12674-11-2	AROCLOR 1016	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	37324-23-5	Aroclor 1262	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	53469-21-9	AROCLOR 1242	2	U	0.59	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8082	1/6/2011		3550B	DE045	15	1	63496-31-1	Aroclor 5432	3.9	UJ	1.2	3.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6346793.328	1908503.059

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8151A	1/1/2011		3550B	DE045	15	1	120-36-5	DICHLOROPROP	2	U	0.94	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8151A	1/1/2011		3550B	DE045	15	1	1918-00-9	DICAMBA	1.4	U	0.47	1.4	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8151A	1/1/2011		3550B	DE045	15	1	75-99-0	DALAPON	11	U	5.2	11	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8151A	1/1/2011		3550B	DE045	15	1	88-85-7	DINOSEB	2.8	R	0.94	2.8	ug/kg	R	U	R	L	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8151A	1/1/2011		3550B	DE045	15	1	93-65-2	MCPP	290	U	88	290	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8151A	1/1/2011		3550B	DE045	15	1	93-72-1	2,4,5-TP (Silvex)	0.2	U	0.088	0.20	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8151A	1/1/2011		3550B	DE045	15	1	93-76-5	2,4,5-T	0.2	U	0.096	0.20	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8151A	1/1/2011		3550B	DE045	15	1	94-74-6	MCPA	580	U	580	580	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8151A	1/1/2011		3550B	DE045	15	1	94-75-7	2,4-D	4.2	U	1.4	4.2	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8151A	1/1/2011		3550B	DE045	15	1	94-82-6	2,4-DB	7.5	U	7.5	7.5	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	100-01-6	4-NITROANILINE	200	U	78	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	100-02-7	4-NITROPHENOL	590	U	200	590	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	100-51-6	BENZYL ALCOHOL	590	U	200	590	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	105-67-9	2,4-DIMETHYLPHENOL	200	U	39	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	106-44-5	4-METHYLPHENOL	200	U	39	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	106-46-7	1,4-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	106-47-8	4-CHLOROANILINE	200	U	78	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	108-68-9	3,5-Dimethylphenol	200	U	39	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	108-95-2	PHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	118-74-1	HEXACHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	120-82-1	1,2,4-TRICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	120-83-2	2,4-DICHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	121-14-2	2,4-DINITROTOLUENE	200	U	39	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	132-64-9	DIBENZOFURAN	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	51-28-5	2,4-DINITROPHENOL	2400	U	780	2400	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	590	U	200	590	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	541-73-1	1,3-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	59-50-7	4-CHLORO-3-METHYLPHENOL	200	U	39	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	606-20-2	2,6-DINITROTOLUENE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	62-53-3	ANILINE	590	U	200	590	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	65-85-0	BENZOIC ACID	590	U	200	590	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	67-72-1	HEXACHLOROETHANE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	200	U	39	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	590	U	200	590	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	78-59-1	ISOPHORONE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	86-30-6	N-NITROSODIPHENYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	86-74-8	CARBAZOLE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	87-68-3	HEXACHLOROBUTADIENE	200	U	78	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	87-86-5	PENTACHLOROPHENOL	590	U	200	590	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	88-06-2	2,4,6-TRICHLOROPHENOL	200	U	39	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	88-74-4	2-NITROANILINE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	88-75-5	2-NITROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	91-58-7	2-CHLORONAPHTHALENE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	91-94-1	3,3'-DICHLOROBENZIDINE	390	U	120	390	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	92-87-5	BENZIDINE	3900	U	1400	3900	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	95-48-7	2-METHYLPHENOL	200	U	39	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	95-50-1	1,2-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	95-57-8	2-CHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	95-95-4	2,4,5-TRICHLOROPHENOL	200	U	39	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	98-95-3	NITROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C	1/18/2011		3550B	DE045	15	1	99-09-2	3-NITROANILINE	200	U	39	200	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	J	7.1	21	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	117-84-0	Di-n-octylphthalate	21	U	7.1	21	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	120-12-7	ANTHRACENE	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	129-00-0	PYRENE	2.2		0.78	2.0	ug/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	131-11-3	Dimethylphthalate	21	U	7.1	21	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	191-24-2	BENZO(G,H,I)PERYLENE	1	J	0.78	2.0	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	193-39-5	INDENO(1,2,3-CD)PYRENE	0.91	J	0.78	2.0	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	205-99-2	BENZO(B)FLUORANTHENE	3		0.78	2.0	ug/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	206-44-0	FLUORANTHENE	2.7		0.78	2.0	ug/kg					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	207-08-9	BENZO(K)FLUORANTHENE	1.1	J	0.78	2.0	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	208-96-8	ACENAPHTHYLENE	2	U	0.39	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	218-01-9	CHRYSENE	1.9	J	0.39	2.0	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	50-32-8	BENZO(A)PYRENE	1.2	J	0.78	2.0	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2	U	0.78	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	56-55-3	BENZO(A)ANTHRACENE	1.2	J	0.78	2.0	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	62-75-9	N-NITROSODIMETHYLAMINE	2	U	0.78	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	83-32-9	ACENAPHTHENE	2	U	0.78	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	84-66-2	Diethylphthalate	21	U	7.1	21	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	84-74-2	Di-n-butylphthalate	21	U	7.1	21	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	85-01-8	PHENANTHRENE	1.4	J	0.78	2.0	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	85-68-7	Butylbenzylphthalate	11	J	7.1	21	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	86-73-7	FLUORENE	1.9	J	0.78	2.0	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	90-12-0	1-METHYLNAPHTHALENE	2	U	0.78	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	91-20-3	NAPHTHALENE	0.98	J	0.78	2.0	ug/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	8270C SIM	1/11/2011		3550B	DE045	15	1	91-57-6	2-METHYLNAPHTHALENE	2	U	0.78	2.0	ug/kg		U			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	9045M	12/21/2010		Gen Prep	DE045	15	1	pH	PH	7.56		0.0100	0.0100	pH unit					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169019	ASTM D1498	12/21/2010		Gen Prep	DE045	15	1	REDOX	Oxidation Reduction Potential	515		10.0	10.0	mv					MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	1746-01-6	2,3,7,8-TCDD	0.217	J	0.0620	1.18	ng/kg	J	J	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	19408-74-3	1,2,3,7,8,9-HXCDD	14.7		0.141	5.88	ng/kg		B			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	3268-87-9	OCDD	49800	J	0.354	11.8	ng/kg	J	EB	J	*#	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	4430	J	0.410	5.88	ng/kg	J	EB	J	*#	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	39001-02-0	OCDF	2920		0.139	11.8	ng/kg		B			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	39227-28-6	1,2,3,4,7,8-HxCDD	8.92		0.140	5.88	ng/kg		B			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	40321-76-4	1,2,3,7,8-PECDD	2.8	J	0.107	5.88	ng/kg	J	JB	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	51207-31-9	2,3,7,8-TCDF	0.384	J	0.111	1.18	ng/kg	J	JQ	J	Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	85.3		0.219	5.88	ng/kg		B			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	57117-31-4	2,3,4,7,8-PECDF	5.88	U	0.0721	5.88	ng/kg	U	JB	U	B, Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	57117-41-6	1,2,3,7,8-PECDF	5.88	U	0.0765	5.88	ng/kg	U	JB	U	B, Z	MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	57117-44-9	1,2,3,6,7,8-HXCDF	12.4		0.191	5.88	ng/kg		B			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	57653-85-7	1,2,3,6,7,8-HXCDD	83.8		0.140	5.88	ng/kg		B			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	60851-34-5	2,3,4,6,7,8-HXCDF	12.9		0.200	5.88	ng/kg		B			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	455		0.176	5.88	ng/kg		B			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	70648-26-9	1,2,3,4,7,8-HXCDF	18.1		0.202	5.88	ng/kg		B			MDL	PQL	6346793.328	1908503.059
SED-014-SIV-SD-0.0-0.5	12/17/2010	N	0	0.5	ft bgs	SE	SED		6169034	1613B	1/28/2011		METHOD	DX029	15	1	72918-21-9	1,2,3,7,8,9-HXCDF	2.86	J	0.235	5.88	ng/kg	J	JB	J	Z	MDL	PQL	6346793.328	1908503.059
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	1031-07-8	ENDOSULFAN SULFATE	0.44	U	0.086	0.44	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	2385-85-5	MIREX	0.44	U	0.34	0.44	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	309-00-2	ALDRIN	0.22	U	0.086	0.22	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	319-84-6	ALPHA-BHC	0.22	UJ	0.044	0.22	ug/kg	UJ	U	UJ	L	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	319-85-7	BETA-BHC	0.22	U	0.13	0.22	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	319-86-8	DELTA-BHC	0.11	J	0.047	0.22	ug/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	33213-65-9	ENDOSULFAN II	0.44	U	0.32	0.44	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	50-29-3	4,4'-DDT	0.89	U	0.89	0.89	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	53494-70-5	ENDRIN KETONE	0.44	U	0.086	0.44	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	57-74-9	Chlordane	4.4	U	1.0	4.4	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	58-89-9	gamma-BHC (Lindane)	0.22	UJ	0.044	0.22	ug/kg	UJ	U	UJ	L	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	60-57-1	DIELDRIN	0.44	U	0.086	0.44	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	72-20-8	ENDRIN	0.44	U	0.086	0.44	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	72-43-5	METHOXYCHLOR	2.2	U	1.1	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	72-54-8	4,4'-DDD	0.44	U	0.086	0.44	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	72-55-9	4,4'-DDE	0.76	U	0.76	0.76	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	7421-93-4	ENDRIN ALDEHYDE	0.53	U	0.53	0.53	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	76-44-8	HEPTACHLOR	0.11	J	0.078	0.22	ug/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	8001-35-2	TOXAPHENE	8.6	U	2.9	8.6	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	959-98-8	ENDOSULFAN I	0.22	U	0.22	0.22	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	11096-82-5	AROCLOR 1260	0.71	J	0.43	2.2	ug/kg	J	J	J	S, L, Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	11097-69-1	AROCLOR 1254	2.4	J	0.43	2.2	ug/kg	J		J	S, L	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	11100-14-4	Aroclor 1268	2.2	U	0.43	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	11104-28-2	AROCLOR 1221	2.2	U	0.65	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	11126-42-4	Aroclor 5460	1.6	J	1.3	4.3	ug/kg	J	J	J	S, L, Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	11141-16-5	AROCLOR 1232	2.2	U	0.68	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	12642-23-8	Aroclor 5442	4.3	UJ	1.3	4.3	ug/kg	UJ	U	UJ	L	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	12672-29-6	AROCLOR 1248	2.2	U	0.43	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	12674-11-2	AROCLOR 1016	2.2	U	0.43	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	37324-23-5	Aroclor 1262	2.2	U	0.43	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	53469-21-9	AROCLOR 1242	2.2	U	0.65	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8082	1/6/2011		3550B	DE050	23.2	1	63496-31-1	Aroclor 5432	4.3	UJ	1.3	4.3	ug/kg	UJ	U	UJ	L	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8151A	1/7/2011		3550B	DE050	23.2	1	120-36-5	DICHLOROPROP	2.2	U	1.0	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8151A	1/7/2011		3550B	DE050	23.2	1	1918-00-9	DICAMBA	1.6	U	0.52	1.6	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8151A	1/7/2011		3550B	DE050	23.2	1	75-99-0	DALAPON	12	U	5.7	12	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8151A	1/7/2011		3550B	DE050	23.2	1	88-85-7	DINOSEB	3.1	R	1.0	3.1	ug/kg	R	U	R	L	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8151A	1/7/2011		3550B	DE050	23.2	1	93-65-2	MCPP	330	U	98	330	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8151A	1/7/2011		3550B	DE050	23.2	1	93-72-1	2,4,5-TP (Silvex)	0.22	U	0.098	0.22	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8151A	1/7/2011		3550B	DE050	23.2	1	93-76-5	2,4,5-T	0.22	U	0.11	0.22	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8151A	1/7/2011		3550B	DE050	23.2	1	94-74-6	MCPA	330	U	99	330	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8151A	1/7/2011		3550B	DE050	23.2	1	94-75-7	2,4-D	4.7	U	1.6	4.7	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8151A	1/7/2011		3550B	DE050	23.2	1	94-82-6	2,4-DB	2.2	U	1.7	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	100-01-6	4-NITROANILINE	220	U	87	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	100-02-7	4-NITROPHENOL	650	U	220	650	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	100-51-6	BENZYL ALCOHOL	650	U	220	650	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	105-67-9	2,4-DIMETHYLPHENOL	220	U	43	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	106-44-5	4-METHYLPHENOL	220	U	43	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	106-46-7	1,4-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	106-47-8	4-CHLOROANILINE	220	U	87	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	108-68-9	3,5-Dimethylphenol	220	U	43	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	108-95-2	PHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	67	J	22	430	ug/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	118-74-1	HEXACHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	120-82-1	1,2,4-TRICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	120-83-2	2,4-DICHLOROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	121-14-2	2,4-DINITROTOLUENE	220	U	43	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	132-64-9	DIBENZOFURAN	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	51-28-5	2,4-DINITROPHENOL	2600	U	870	2600	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	650	U	220	650	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	541-73-1	1,3-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	59-50-7	4-CHLORO-3-METHYLPHENOL	220	U	43	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	606-20-2	2,6-DINITROTOLUENE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	62-53-3	ANILINE	650	U	220	650	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	65-85-0	BENZOIC ACID	650	U	220	650	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	67-72-1	HEXACHLOROETHANE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	220	U	43	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	650	U	220	650	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	78-59-1	ISOPHORONE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	86-30-6	N-NITROSODIPHENYLAMINE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	86-74-8	CARBAZOLE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	87-68-3	HEXACHLOROBUTADIENE	220	U	87	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	87-86-5	PENTACHLOROPHENOL	650	U	220	650	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	88-06-2	2,4,6-TRICHLOROPHENOL	220	U	43	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	88-74-4	2-NITROANILINE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	88-75-5	2-NITROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	91-58-7	2-CHLORONAPHTHALENE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	91-94-1	3,3'-DICHLOROBENZIDINE	430	U	130	430	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	92-87-5	BENZIDINE	4300	U	1500	4300	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	95-48-7	2-METHYLPHENOL	220	U	43	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	95-50-1	1,2-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	95-57-8	2-CHLOROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	95-95-4	2,4,5-TRICHLOROPHENOL	220	U	43	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	98-95-3	NITROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C	1/18/2011		3550B	DE050	23.2	1	99-09-2	3-NITROANILINE	220	U	43	220	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	117-84-0	Di-n-octylphthalate	23	U	7.8	23	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	120-12-7	ANTHRACENE	2.2	U	0.43	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	129-00-0	PYRENE	1.5	J	0.87	2.2	ug/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	131-11-3	Dimethylphthalate	23	U	7.8	23	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	191-24-2	BENZO(G,H,I)PERYLENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	205-99-2	BENZO(B)FLUORANTHENE	1.8	J	0.87	2.2	ug/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	206-44-0	FLUORANTHENE	1.9	J	0.87	2.2	ug/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	207-08-9	BENZO(K)FLUORANTHENE	1.1	J	0.87	2.2	ug/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	208-96-8	ACENAPHTHYLENE	0.47	J	0.43	2.2	ug/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	218-01-9	CHRYSENE	1.9	J	0.43	2.2	ug/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	50-32-8	BENZO(A)PYRENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	56-55-3	BENZO(A)ANTHRACENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	62-75-9	N-NITROSODIMETHYLAMINE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	83-32-9	ACENAPHTHENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	84-66-2	Diethylphthalate	23	U	7.8	23	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	84-74-2	Di-n-butylphthalate	23	U	7.8	23	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	85-01-8	PHENANTHRENE	2.4		0.87	2.2	ug/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	85-68-7	Butylbenzylphthalate	23	U	7.8	23	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	86-73-7	FLUORENE	2.2	U	0.87	2.2	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	90-12-0	1-METHYLNAPHTHALENE	1.8	J	0.87	2.2	ug/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	91-20-3	NAPHTHALENE	4.3		0.87	2.2	ug/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8270C SIM	1/12/2011		3550B	DE050	23.2	1	91-57-6	2-METHYLNAPHTHALENE	2.3		0.87	2.2	ug/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	9045M	12/27/2010		Gen Prep	DE050	23.2	1	pH	PH	6.89		0.0100	0.0100	pH unit					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	ASTM D1498	12/27/2010		Gen Prep	DE050	23.2	1	REDOX	Oxidation Reduction Potential	544		10.0	10.0	mv					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	160.3M	1/7/2011		Gen Prep	DE050	23.2	1	MOIST	MOISTURE	23.2		0.50	0.50	%					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	300.0	1/14/2011		METHOD	DE050	23.2	1	16984-48-8	FLUORIDE	1.2	J	1.0	1.3	mg/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	314.0	1/14/2011		METHOD	DE050	23.2	1	14797-73-0	PERCHLORATE	39.1	U	11.7	39.1	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7429-90-5	ALUMINUM	10200		6.42	25.5	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7439-89-6	IRON	15300		6.01	25.5	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7439-93-2	LITHIUM	21.2		0.28	2.6	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7439-95-4	MAGNESIUM	3790		3.24	12.8	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7439-96-5	MANGANESE	257		0.0996	0.638	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7440-09-7	POTASSIUM	3150		23.0	63.8	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7440-23-5	SODIUM	72.3	J	47.6	128	mg/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7440-24-6	STRONTIUM	23.9		0.0791	0.638	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7440-31-5	TIN	12.8	U	1.28	12.8	mg/kg	U	J	U	B, Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7440-32-6	TITANIUM	883		0.485	1.28	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7440-42-8	BORON	5.34	J	1.14	6.38	mg/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7440-67-7	Zirconium	2.32	J	1.07	6.38	mg/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7440-70-2	CALCIUM	5080		7.83	25.5	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6010B	12/30/2010	NA	3050B	DE050	23.2	1	7723-14-0	PHOSPHORUS	399		0.715	12.8	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/4/2011	NA	3050B	DE050	23.2	2	7440-43-9	CADMIUM	0.191	J	0.0464	0.129	mg/kg	J		J	Q	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7782-49-2	SELENIUM	0.188	J	0.0516	0.516	mg/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7439-98-7	MOLYBDENUM	0.513	J	0.0645	0.129	mg/kg	J		J	Q	MDL	PQL	6347539.245	1909591.754

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-39-3	BARIUM	99.4		0.139	0.516	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7439-92-1	LEAD	13.2	J	0.0134	0.258	mg/kg	J		J	Q	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-02-0	NICKEL	12.7	J	0.129	0.516	mg/kg	J		J	Q, *#	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-22-4	SILVER	0.0473	J	0.0155	0.129	mg/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-28-0	THALLIUM	0.29		0.0387	0.129	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-36-0	ANTIMONY	0.0859	J	0.0774	0.258	mg/kg	J	J	J	Q, Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-38-2	ARSENIC	11.6	J	0.0774	0.516	mg/kg	J		J	Q	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-41-7	BERYLLIUM	0.497		0.0206	0.129	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-47-3	CHROMIUM	18.7	J	0.155	0.516	mg/kg	J		J	Q	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-48-4	COBALT	5.55	J	0.0258	0.129	mg/kg	J		J	*#	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-50-8	COPPER	9.12	J	0.0851	0.516	mg/kg	J		J	Q	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-62-2	VANADIUM	36.1	J	0.0284	0.129	mg/kg	J		J	Q	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	6020	1/3/2011	NA	3050B	DE050	23.2	2	7440-66-6	ZINC	73.3		0.722	3.87	mg/kg					MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	7199	1/23/2011		3060A	DE050	23.2	1	18540-29-9	HEXAVALENT CHROMIUM	1.3	U	0.26	1.3	mg/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	7471A	12/28/2010	NA	METHOD	DE050	23.2	1	7439-97-6	MERCURY	0.0053	J	0.0036	0.127	mg/kg	J	J	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172320	8081A	1/26/2011		3550B	DE050	23.2	1	1024-57-3	HEPTACHLOR EPOXIDE	0.22	U	0.047	0.22	ug/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	1746-01-6	2,3,7,8-TCDD	1.3	U	0.0569	1.30	ng/kg		U			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.524	J	0.0598	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	3268-87-9	OCDD	65.2		0.0473	13.0	ng/kg		B			MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	5.17	J	0.0577	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	39001-02-0	OCDF	2.04	J	0.0478	13.0	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.281	J	0.0583	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	40321-76-4	1,2,3,7,8-PECDD	0.419	J	0.0572	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	51207-31-9	2,3,7,8-TCDF	0.349	J	0.0932	1.30	ng/kg	J	JQ	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.314	J	0.0447	6.51	ng/kg	J	JBQ	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	57117-31-4	2,3,4,7,8-PECDF	0.787	J	0.0387	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	57117-41-6	1,2,3,7,8-PECDF	0.452	J	0.0400	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.373	J	0.0422	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.511	J	0.0613	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.51	J	0.0465	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.12	J	0.0329	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.334	J	0.0461	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-015-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172366	1613B	1/29/2011		METHOD	DX033	23.2	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.331	J	0.0521	6.51	ng/kg	J	JB	J	Z	MDL	PQL	6347539.245	1909591.754
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	160.3M	12/22/2010		Gen Prep	DE040	10.4	1	MOIST	MOISTURE	10.4		0.50	0.50	%					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	300.0	1/12/2011		METHOD	DE040	10.4	1	16984-48-8	FLUORIDE	2		0.89	1.1	mg/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	314.0	1/7/2011		Gen Prep	DE040	10.4	1	14797-73-0	PERCHLORATE	33.5	U	10.0	33.5	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/30/2010	NA	3050B	DE040	10.4	1	7429-90-5	ALUMINUM	13900		5.61	22.3	mg/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/30/2010	NA	3050B	DE040	10.4	1	7439-89-6	IRON	19300	J	5.26	22.3	mg/kg	J		J	E	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/30/2010	NA	3050B	DE040	10.4	1	7440-09-7	POTASSIUM	2780	J	20.1	55.8	mg/kg	J		J	Q	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/30/2010	NA	3050B	DE040	10.4	1	7440-23-5	SODIUM	89.4	J	41.6	112	mg/kg	J	J	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/30/2010	NA	3050B	DE040	10.4	1	7440-32-6	TITANIUM	1270		0.424	1.12	mg/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/30/2010	NA	3050B	DE040	10.4	1	7440-42-8	BORON	4.3	J	0.993	5.58	mg/kg	J	J	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/29/2010	NA	3050B	DE040	10.4	1	7439-93-2	LITHIUM	22	J	0.25	2.2	mg/kg	J		J	E	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/29/2010	NA	3050B	DE040	10.4	1	7439-95-4	MAGNESIUM	4220	J	2.83	11.2	mg/kg	J		J	*#	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/29/2010	NA	3050B	DE040	10.4	1	7439-96-5	MANGANESE	260	J	0.0871	0.558	mg/kg	J		J	E	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/29/2010	NA	3050B	DE040	10.4	1	7440-24-6	STRONTIUM	14	J	0.0692	0.558	mg/kg	J		J	E	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/29/2010	NA	3050B	DE040	10.4	1	7440-31-5	TIN	11.2	U	1.12	11.2	mg/kg	U	J	U	B, Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/29/2010	NA	3050B	DE040	10.4	1	7440-67-7	Zirconium	1.3	J	0.938	5.58	mg/kg	J	J	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/29/2010	NA	3050B	DE040	10.4	1	7440-70-2	CALCIUM	2450	J	6.84	22.3	mg/kg	J		J	*#	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6010B	12/29/2010	NA	3050B	DE040	10.4	1	7723-14-0	PHOSPHORUS	299	J	0.625	11.2	mg/kg	J		J	Q, E	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7782-49-2	SELENIUM	0.0957	J	0.0438	0.438	mg/kg	J	J	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7439-98-7	MOLYBDENUM	0.377		0.0547	0.109	mg/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-39-3	BARIUM	69.7	J	0.118	0.438	mg/kg	J		J	*#	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7439-92-1	LEAD	6	J	0.0114	0.219	mg/kg	J		J	Q, E, *#	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-02-0	NICKEL	10.3	J	0.109	0.438	mg/kg	J		J	E, *#	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-22-4	SILVER	0.0265	J	0.0131	0.109	mg/kg	J	J	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-28-0	THALLIUM	0.214		0.0328	0.109	mg/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-36-0	ANTIMONY	0.219	UJ	0.0657	0.219	mg/kg	UJ	U	UJ	Q	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-38-2	ARSENIC	4.07	J	0.0657	0.438	mg/kg	J		J	Q	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-41-7	BERYLLIUM	0.468		0.0175	0.109	mg/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-43-9	CADMIUM	0.154		0.0394	0.109	mg/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-47-3	CHROMIUM	17.9	J	0.131	0.438	mg/kg	J		J	E, Q, *#	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-48-4	COBALT	4.65	J	0.0219	0.109	mg/kg	J		J	*#	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-50-8	COPPER	6.7		0.0722	0.438	mg/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-62-2	VANADIUM	32.7	J	0.0241	0.109	mg/kg	J		J	Q, *#	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	6020	12/30/2010	NA	3050B	DE040	10.4	2	7440-66-6	ZINC	62.4	J	0.613	3.28	mg/kg	J		J	E, *#	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	7199	1/19/2011		3060A	DE040	10.4	1	18540-29-9	HEXAVALENT CHROMIUM	0.81	J	0.22	1.1	mg/kg	J	J	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	7471A	12/21/2010	NA	METHOD	DE040	10.4	1	7439-97-6	MERCURY	0.0469	J	0.0032	0.110	mg/kg	J	J	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	1024-57-3	HEPTACHLOR EPOXIDE	0.19	U	0.038	0.19	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	1031-07-8	ENDOSULFAN SULFATE	0.38	U	0.074	0.38	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	2385-85-5	MIREX	1	U	1.0	1.0	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	309-00-2	ALDRIN	0.19	U	0.074	0.19	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	319-84-6	ALPHA-BHC	0.19	U	0.038	0.19	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	319-85-7	BETA-BHC	0.19	U	0.067	0.19	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	319-86-8	DELTA-BHC	0.19	U	0.040	0.19	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	33213-65-9	ENDOSULFAN II	0.38	UJ	0.074	0.38	ug/kg	UJ	U	UJ	L	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	50-29-3	4,4'-DDT	0.99	U	0.99	0.99	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	53494-70-5	ENDRIN KETONE	0.38	U	0.074	0.38	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	57-74-9	Chlordane	3.8	U	1.5	3.8	ug/kg		U			MDL	PQL	6347989.505	1909076.71

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	58-89-9	gamma-BHC (Lindane)	0.19	U	0.038	0.19	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	60-57-1	DIELDRIN	0.38	U	0.088	0.38	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	72-20-8	ENDRIN	0.38	U	0.074	0.38	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	72-43-5	METHOXYCHLOR	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	72-54-8	4,4'-DDD	0.38	U	0.28	0.38	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	72-55-9	4,4'-DDE	0.38	U	0.38	0.38	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	7421-93-4	ENDRIN ALDEHYDE	0.38	U	0.15	0.38	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	76-44-8	HEPTACHLOR	0.19	U	0.067	0.19	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	8001-35-2	TOXAPHENE	7.4	U	2.5	7.4	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8081A	1/13/2011		3550B	DE040	10.4	1	959-98-8	ENDOSULFAN I	0.19	U	0.049	0.19	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/24/2010		3550B	DE040	10.4	1	11126-42-4	Aroclor 5460	4.6		1.1	3.7	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	11096-82-5	AROCLOR 1260	4		0.37	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	11097-69-1	AROCLOR 1254	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	11100-14-4	Aroclor 1268	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	11104-28-2	AROCLOR 1221	1.9	U	0.56	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	11141-16-5	AROCLOR 1232	1.9	U	0.58	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	12642-23-8	Aroclor 5442	3.7	U	1.1	3.7	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	12672-29-6	AROCLOR 1248	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	12674-11-2	AROCLOR 1016	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	37324-23-5	Aroclor 1262	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	53469-21-9	AROCLOR 1242	1.9	U	0.56	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8082	12/29/2010		3550B	DE040	10.4	1	63496-31-1	Aroclor 5432	3.7	U	1.1	3.7	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8151A	12/31/2010		3550B	DE040	10.4	1	120-36-5	DICHLOROPROP	1.9	U	0.89	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8151A	12/31/2010		3550B	DE040	10.4	1	1918-00-9	DICAMBA	1.3	U	0.45	1.3	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8151A	12/31/2010		3550B	DE040	10.4	1	75-99-0	DALAPON	10	U	4.9	10	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8151A	12/31/2010		3550B	DE040	10.4	1	88-85-7	DINOSEB	2.7	R	0.89	2.7	ug/kg	R	U	R	L	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8151A	12/31/2010		3550B	DE040	10.4	1	93-65-2	MCPP	430		84	280	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8151A	12/31/2010		3550B	DE040	10.4	1	93-72-1	2,4,5-TP (Silvex)	0.2		0.084	0.19	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8151A	12/31/2010		3550B	DE040	10.4	1	93-76-5	2,4,5-T	0.19	U	0.092	0.19	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8151A	12/31/2010		3550B	DE040	10.4	1	94-74-6	MCPA	430		85	280	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8151A	12/31/2010		3550B	DE040	10.4	1	94-75-7	2,4-D	4	U	1.3	4.0	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8151A	12/31/2010		3550B	DE040	10.4	1	94-82-6	2,4-DB	3.2	U	3.2	3.2	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	100-01-6	4-NITROANILINE	190	U	74	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	100-02-7	4-NITROPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	100-51-6	BENZYL ALCOHOL	560	U	190	560	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	106-44-5	4-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	106-47-8	4-CHLOROANILINE	190	U	74	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	108-68-9	3,5-Dimethylphenol	190	U	37	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	28	J	19	370	ug/kg	J	J	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	121-14-2	2,4-DINITROTOLUENE	190	U	37	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	51-28-5	2,4-DINITROPHENOL	2200	U	740	2200	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	62-53-3	ANILINE	560	U	190	560	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	65-85-0	BENZOIC ACID	560	U	190	560	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	37	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	560	U	190	560	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	87-68-3	HEXACHLOROBUTADIENE	190	U	74	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	87-86-5	PENTACHLOROPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	91-94-1	3,3'-DICHLOROBENZIDINE	370	U	110	370	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	92-87-5	BENZIDINE	3700	U	1300	3700	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	95-48-7	2-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C	1/16/2011		3550B	DE040	10.4	1	99-09-2	3-NITROANILINE	190	U	37	190	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	117-84-0	Di-n-octylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	120-12-7	ANTHRACENE	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	129-00-0	PYRENE	12		0.74	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	131-11-3	Dimethylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	191-24-2	BENZO(G,H,I)PERYLENE	3.1		0.74	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2.9		0.74	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	205-99-2	BENZO(B)FLUORANTHENE	12		0.74	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	206-44-0	FLUORANTHENE	16		0.74	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	207-08-9	BENZO(K)FLUORANTHENE	5.1		0.74	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	218-01-9	CHRYSENE	9		0.37	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	50-32-8	BENZO(A)PYRENE	5.6		0.74	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	56-55-3	BENZO(A)ANTHRACENE	3		0.74	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	83-32-9	ACENAPHTHENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	84-66-2	Diethylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	84-74-2	Di-n-butylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	85-01-8	PHENANTHRENE	5.5		0.74	1.9	ug/kg					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	85-68-7	Butylbenzylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	86-73-7	FLUORENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	91-20-3	NAPHTHALENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	8270C SIM	1/5/2011		3550B	DE040	10.4	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	9045M	12/17/2010		Gen Prep	DE040	10.4	1	pH	PH	7		0.0100	0.0100	pH unit					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166082	ASTM D1498	12/17/2010		Gen Prep	DE040	10.4	1	REDOX	Oxidation Reduction Potential	467		10.0	10.0	mv					MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	1746-01-6	2,3,7,8-TCDD	0.12	J	0.0287	1.12	ng/kg	J	JQ	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	19408-74-3	1,2,3,7,8,9-HXCDD	5.06	J	0.0494	5.58	ng/kg	J	JB	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	3268-87-9	OCDD	7800	J	0.194	11.2	ng/kg	J	EB	J	*#	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	735		0.202	5.58	ng/kg		B			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	39001-02-0	OCDF	177		0.0675	11.2	ng/kg		B			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	39227-28-6	1,2,3,4,7,8-HxCDD	2.18	J	0.0487	5.58	ng/kg	J	JB	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	40321-76-4	1,2,3,7,8-PECDD	0.82	J	0.0609	5.58	ng/kg	J	JQ	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	51207-31-9	2,3,7,8-TCDF	0.0902	J	0.0305	1.12	ng/kg	J	JBQ	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	11.7		0.0828	5.58	ng/kg		B			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	57117-31-4	2,3,4,7,8-PECDF	5.58	U	0.0225	5.58	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	57117-41-6	1,2,3,7,8-PECDF	0.363	J	0.0208	5.58	ng/kg	J	JBQ	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	57117-44-9	1,2,3,6,7,8-HXCDF	2.82	J	0.0451	5.58	ng/kg	J	JB	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	57653-85-7	1,2,3,6,7,8-HXCDD	20.7		0.0510	5.58	ng/kg		B			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	60851-34-5	2,3,4,6,7,8-HXCDF	4.66	J	0.0528	5.58	ng/kg	J	JB	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	75.4		0.0434	5.58	ng/kg		B			MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	70648-26-9	1,2,3,4,7,8-HXCDF	2.42	J	0.0539	5.58	ng/kg	J	JB	J	Z	MDL	PQL	6347989.505	1909076.71
SED-016-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166121	1613B	1/19/2011		METHOD	DX024	10.4	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.495	J	0.0674	5.58	ng/kg	J	JBQ	J	Z	MDL	PQL	6347989.505	1909076.71
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	160.3M	12/23/2010		Gen Prep	DE042	11.5	1	MOIST	MOISTURE	11.5		0.50	0.50	%					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	300.0	1/12/2011		METHOD	DE042	11.5	1	16984-48-8	FLUORIDE	1.1		0.90	1.1	mg/kg		J			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	314.0	1/13/2011		METHOD	DE042	11.5	1	14797-73-0	PERCHLORATE	33.9	U	10.2	33.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7429-90-5	ALUMINUM	12100		5.57	22.2	mg/kg					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7439-89-6	IRON	17500		5.22	22.2	mg/kg					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7439-93-2	LITHIUM	22.2	J	0.24	2.2	mg/kg	J		J	*#	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7439-95-4	MAGNESIUM	4030		2.81	11.1	mg/kg					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7439-96-5	MANGANESE	270		0.0864	0.554	mg/kg					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7440-09-7	POTASSIUM	3590	J	19.9	55.4	mg/kg	J		J	Q	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7440-23-5	SODIUM	79.4	J	41.3	111	mg/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7440-24-6	STRONTIUM	23.6		0.0687	0.554	mg/kg					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7440-31-5	TIN	11.1	U	1.11	11.1	mg/kg	U	J	U	B, Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7440-32-6	TITANIUM	1080		0.421	1.11	mg/kg					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7440-42-8	BORON	5.92		0.986	5.54	mg/kg					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7440-67-7	Zirconium	1.45	J	0.931	5.54	mg/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7440-70-2	CALCIUM	5400		6.79	22.2	mg/kg					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6010B	12/30/2010	NA	3050B	DE042	11.5	1	7723-14-0	PHOSPHORUS	475	J	0.620	11.1	mg/kg	J		J	Q	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	1/4/2011	NA	3050B	DE042	11.5	2	7782-49-2	SELENIUM	0.12	J	0.0443	0.443	mg/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7439-98-7	MOLYBDENUM	0.865	J	0.0554	0.111	mg/kg	J		J	Q	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-39-3	BARIUM	136	J	0.120	0.443	mg/kg	J		J	E, *#	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7439-92-1	LEAD	29.7	J	0.0115	0.222	mg/kg	J		J	E, *#	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-02-0	NICKEL	15.7	J	0.111	0.443	mg/kg	J		J	E, Q, *#	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-22-4	SILVER	0.141	J	0.0133	0.111	mg/kg	J		J	Q	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-28-0	THALLIUM	0.387	J	0.0332	0.111	mg/kg	J		J	Q	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-36-0	ANTIMONY	0.222	UJ	0.0665	0.222	mg/kg	UJ	J	UJ	B, Q, Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-38-2	ARSENIC	7.45	J	0.0665	0.443	mg/kg	J		J	E, Q	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-41-7	BERYLLIUM	0.735	J	0.0177	0.111	mg/kg	J		J	E, Q	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-43-9	CADMIUM	0.743	J	0.0399	0.111	mg/kg	J		J	Q	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-47-3	CHROMIUM	30.3	J	0.133	0.443	mg/kg	J		J	E, Q, *#	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-48-4	COBALT	7.3	J	0.0222	0.111	mg/kg	J		J	Q, *#	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-50-8	COPPER	16	J	0.0731	0.443	mg/kg	J		J	E, Q, *#	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-62-2	VANADIUM	52.1	J	0.0244	0.111	mg/kg	J		J	E, Q, *#	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	6020	12/30/2010	NA	3050B	DE042	11.5	2	7440-66-6	ZINC	117	J	0.620	3.32	mg/kg	J		J	E	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	7199	1/18/2011		3060A	DE042	11.5	1	18540-29-9	HEXAVALENT CHROMIUM	0.56	J	0.23	1.1	mg/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	7471A	12/23/2010	NA	METHOD	DE042	11.5	1	7439-97-6	MERCURY	0.0741	J	0.0031	0.107	mg/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	1024-57-3	HEPTACHLOR EPOXIDE	0.19	UJ	0.055	0.19	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	1031-07-8	ENDOSULFAN SULFATE	0.38	UJ	0.075	0.38	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	2385-85-5	MIREX	0.55	UJ	0.55	0.55	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	309-00-2	ALDRIN	0.19	UJ	0.075	0.19	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	319-84-6	ALPHA-BHC	0.19	UJ	0.038	0.19	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	319-85-7	BETA-BHC	0.19	UJ	0.068	0.19	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	319-86-8	DELTA-BHC	0.19	UJ	0.041	0.19	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	33213-65-9	ENDOSULFAN II	0.38	UJ	0.15	0.38	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	50-29-3	4,4'-DDT	2.1	UJ	2.1	2.1	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	53494-70-5	ENDRIN KETONE	0.38	UJ	0.22	0.38	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	57-74-9	Chlordane	3.8	UJ	2.1	3.8	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	58-89-9	gamma-BHC (Lindane)	0.19	UJ	0.038	0.19	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	60-57-1	DIELDRIN	0.38	UJ	0.34	0.38	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	72-20-8	ENDRIN	0.38	UJ	0.075	0.38	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	72-43-5	METHOXYCHLOR	1.9	UJ	0.38	1.9	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	72-54-8	4,4'-DDD	0.38	UJ	0.075	0.38	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	72-55-9	4,4'-DDE	1.3	UJ	1.3	1.3	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	7421-93-4	ENDRIN ALDEHYDE	0.38	UJ	0.28	0.38	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	76-44-8	HEPTACHLOR	0.19	UJ	0.068	0.19	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	8001-35-2	TOXAPHENE	7.5	UJ	2.5	7.5	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8081A	1/24/2011		3550B	DE042	11.5	1	959-98-8	ENDOSULFAN I	0.19	UJ	0.050	0.19	ug/kg	UJ	U	UJ	S	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	11096-82-5	AROCLOR 1260	6.9		0.75	3.8	ug/kg					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	11097-69-1	AROCLOR 1254	4.1		0.75	3.8	ug/kg					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	11100-14-4	Aroclor 1268	3.8	U	0.75	3.8	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	11104-28-2	AROCLOR 1221	3.8	U	1.1	3.8	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	11126-42-4	Aroclor 5460	13	J	2.3	7.5	ug/kg	J		J	L	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	11141-16-5	AROCLOR 1232	3.8	U	1.2	3.8	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	12642-23-8	Aroclor 5442	7.5	UJ	2.3	7.5	ug/kg	UJ	U	UJ	L	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	12672-29-6	AROCLOR 1248	3.8	U	0.75	3.8	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	12674-11-2	AROCLOR 1016	3.8	U	0.75	3.8	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	37324-23-5	Aroclor 1262	3.8	U	0.75	3.8	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	53469-21-9	AROCLOR 1242	3.8	U	1.1	3.8	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8082	12/31/2010		3550B	DE042	11.5	2	63496-31-1	Aroclor 5432	7.5	UJ	2.3	7.5	ug/kg	UJ	U	UJ	L	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8151A	1/2/2011		3550B	DE042	11.5	1	120-36-5	DICHLOROPROP	1.9	U	0.90	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8151A	1/2/2011		3550B	DE042	11.5	1	1918-00-9	DICAMBA	0.49	J	0.45	1.4	ug/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8151A	1/2/2011		3550B	DE042	11.5	1	75-99-0	DALAPON	10	U	5.0	10	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8151A	1/2/2011		3550B	DE042	11.5	1	88-85-7	DINOSEB	2.7	R	0.90	2.7	ug/kg	R	U	R	L	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8151A	1/2/2011		3550B	DE042	11.5	1	93-65-2	MCPP	220	J	85	280	ug/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8151A	1/2/2011		3550B	DE042	11.5	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.085	0.19	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8151A	1/2/2011		3550B	DE042	11.5	1	93-76-5	2,4,5-T	0.19	U	0.093	0.19	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8151A	1/2/2011		3550B	DE042	11.5	1	94-74-6	MCPA	360	U	360	360	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8151A	1/2/2011		3550B	DE042	11.5	1	94-75-7	2,4-D	1.9	J	1.4	4.1	ug/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8151A	1/2/2011		3550B	DE042	11.5	1	94-82-6	2,4-DB	1.9	U	0.70	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	100-01-6	4-NITROANILINE	190	U	75	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	100-02-7	4-NITROPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	100-51-6	BENZYL ALCOHOL	560	U	190	560	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	106-44-5	4-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	106-47-8	4-CHLOROANILINE	190	U	75	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	108-68-9	3,5-Dimethylphenol	190	U	38	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	51	J	19	380	ug/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	121-14-2	2,4-DINITROTOLUENE	190	U	38	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	51-28-5	2,4-DINITROPHENOL	2300	U	750	2300	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	62-53-3	ANILINE	560	U	190	560	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	65-85-0	BENZOIC ACID	560	U	190	560	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	38	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	560	U	190	560	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	87-68-3	HEXACHLOROBUTADIENE	190	U	75	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	87-86-5	PENTACHLOROPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6348102.692	1909097.289

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	91-94-1	3,3'-DICHLOROBENZIDINE	380	U	110	380	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	92-87-5	BENZIDINE	3800	U	1300	3800	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	95-48-7	2-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C	1/19/2011		3550B	DE042	11.5	1	99-09-2	3-NITROANILINE	190	U	38	190	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	117-84-0	Di-n-octylphthalate	20	U	6.8	20	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	120-12-7	ANTHRACENE	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	129-00-0	PYRENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	131-11-3	Dimethylphthalate	20	U	6.8	20	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	205-99-2	BENZO(B)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	206-44-0	FLUORANTHENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	218-01-9	CHRYSENE	1.8	J	0.38	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	83-32-9	ACENAPHTHENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	84-66-2	Diethylphthalate	20	U	6.8	20	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	84-74-2	Di-n-butylphthalate	20	U	6.8	20	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	85-01-8	PHENANTHRENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	85-68-7	Butylbenzylphthalate	20	U	6.8	20	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	86-73-7	FLUORENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	91-20-3	NAPHTHALENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	8270C SIM	1/6/2011		3550B	DE042	11.5	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	9045M	12/20/2010		Gen Prep	DE042	11.5	1	pH	PH	7.92		0.0100	0.0100	pH unit					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167470	ASTM D1498	12/20/2010		Gen Prep	DE042	11.5	1	REDOX	Oxidation Reduction Potential	426		10.0	10.0	mv					MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	1746-01-6	2,3,7,8-TCDD	0.19	J	0.0263	1.13	ng/kg	J	J	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	19408-74-3	1,2,3,7,8,9-HXCDD	5.15	J	0.0353	5.65	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	3268-87-9	OCDD	3550		0.119	11.3	ng/kg		B			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	419		0.139	5.65	ng/kg		B			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	39001-02-0	OCDF	82.4		0.0356	11.3	ng/kg		B			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	39227-28-6	1,2,3,4,7,8-HxCDD	4.07	J	0.0350	5.65	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	40321-76-4	1,2,3,7,8-PECDD	0.963	J	0.0547	5.65	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	51207-31-9	2,3,7,8-TCDF	0.501	J	0.0533	1.13	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	3.16	J	0.0563	5.65	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	57117-31-4	2,3,4,7,8-PECDF	1.11	J	0.0245	5.65	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	57117-41-6	1,2,3,7,8-PECDF	0.661	J	0.0247	5.65	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	57117-44-9	1,2,3,6,7,8-HXCDF	1.35	J	0.0314	5.65	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	57653-85-7	1,2,3,6,7,8-HXCDD	15.1		0.0363	5.65	ng/kg		B			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	60851-34-5	2,3,4,6,7,8-HXCDF	2.2	J	0.0345	5.65	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	38.5		0.0438	5.65	ng/kg		B			MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	70648-26-9	1,2,3,4,7,8-HXCDF	1.31	J	0.0347	5.65	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-017-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167494	1613B	1/21/2011		METHOD	DX026	11.5	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.332	J	0.0388	5.65	ng/kg	J	JB	J	Z	MDL	PQL	6348102.692	1909097.289
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	160.3M	12/22/2010		Gen Prep	DE040	9.9	1	MOIST	MOISTURE	9.9		0.50	0.50	%					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	300.0	1/12/2011		METHOD	DE040	9.9	1	16984-48-8	FLUORIDE	1.3		0.89	1.1	mg/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	314.0	1/7/2011		Gen Prep	DE040	9.9	1	14797-73-0	PERCHLORATE	33.3	U	10	33.3	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/30/2010	NA	3050B	DE040	9.9	1	7429-90-5	ALUMINUM	14800		5.53	22.0	mg/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/30/2010	NA	3050B	DE040	9.9	1	7439-89-6	IRON	20100	J	5.18	22.0	mg/kg	J		J	E	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/30/2010	NA	3050B	DE040	9.9	1	7440-09-7	POTASSIUM	3880	J	19.8	54.9	mg/kg	J		J	Q	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/30/2010	NA	3050B	DE040	9.9	1	7440-23-5	SODIUM	71.2	J	41.0	110	mg/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/30/2010	NA	3050B	DE040	9.9	1	7440-32-6	TITANIUM	1260		0.418	1.10	mg/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/30/2010	NA	3050B	DE040	9.9	1	7440-42-8	BORON	5.74		0.978	5.49	mg/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/29/2010	NA	3050B	DE040	9.9	1	7439-93-2	LITHIUM	27.1	J	0.24	2.2	mg/kg	J		J	E	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/29/2010	NA	3050B	DE040	9.9	1	7439-95-4	MAGNESIUM	4410	J	2.79	11.0	mg/kg	J		J	*#	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/29/2010	NA	3050B	DE040	9.9	1	7439-96-5	MANGANESE	306	J	0.0857	0.549	mg/kg	J		J	E	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/29/2010	NA	3050B	DE040	9.9	1	7440-24-6	STRONTIUM	14.8	J	0.0681	0.549	mg/kg	J		J	E	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/29/2010	NA	3050B	DE040	9.9	1	7440-31-5	TIN	11	U	1.10	11.0	mg/kg	U	J	U	B, Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/29/2010	NA	3050B	DE040	9.9	1	7440-67-7	Zirconium	1.38	J	0.923	5.49	mg/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/29/2010	NA	3050B	DE040	9.9	1	7440-70-2	CALCIUM	3310	J	6.74	22.0	mg/kg	J		J	*#	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6010B	12/29/2010	NA	3050B	DE040	9.9	1	7723-14-0	PHOSPHORUS	394	J	0.615	11.0	mg/kg	J		J	Q, E	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7782-49-2	SELENIUM	0.155	J	0.0440	0.440	mg/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7439-98-7	MOLYBDENUM	0.468		0.0549	0.110	mg/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-39-3	BARIUM	80.1	J	0.119	0.440	mg/kg	J		J	*#	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7439-92-1	LEAD	7.2	J	0.0114	0.220	mg/kg	J		J	Q, E, *#	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-02-0	NICKEL	9.7	J	0.110	0.440	mg/kg	J		J	E, *#	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-22-4	SILVER	0.0255	J	0.0132	0.110	mg/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-28-0	THALLIUM	0.234		0.0330	0.110	mg/kg					MDL	PQL	6348141.279	1908963.523

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-36-0	ANTIMONY	0.22	UJ	0.0659	0.220	mg/kg	UJ	U	UJ	Q	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-38-2	ARSENIC	4.12	J	0.0659	0.440	mg/kg	J		J	Q	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-41-7	BERYLLIUM	0.486		0.0176	0.110	mg/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-43-9	CADMIUM	0.166		0.0396	0.110	mg/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-47-3	CHROMIUM	15.9	J	0.132	0.440	mg/kg	J		J	E, Q, *#	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-48-4	COBALT	4.39	J	0.0220	0.110	mg/kg	J		J	*#	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-50-8	COPPER	6.16		0.0725	0.440	mg/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-62-2	VANADIUM	28.6	J	0.0242	0.110	mg/kg	J		J	Q, *#	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	6020	12/30/2010	NA	3050B	DE040	9.9	2	7440-66-6	ZINC	54.9	J	0.615	3.30	mg/kg	J		J	E, *#	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	7199	1/19/2011		3060A	DE040	9.9	1	18540-29-9	HEXAVALENT CHROMIUM	0.34	J	0.22	1.1	mg/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	7471A	12/21/2010	NA	METHOD	DE040	9.9	1	7439-97-6	MERCURY	0.0097	J	0.0031	0.108	mg/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	1024-57-3	HEPTACHLOR EPOXIDE	0.18	U	0.13	0.18	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	1031-07-8	ENDOSULFAN SULFATE	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	2385-85-5	MIREX	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	309-00-2	ALDRIN	0.18	U	0.073	0.18	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	319-84-6	ALPHA-BHC	0.18	U	0.038	0.18	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	319-85-7	BETA-BHC	0.18	U	0.067	0.18	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	319-86-8	DELTA-BHC	0.078	J	0.040	0.18	ug/kg	J	J	J	S, Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	33213-65-9	ENDOSULFAN II	0.38	UJ	0.073	0.38	ug/kg	UJ	U	UJ	L	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	50-29-3	4,4'-DDT	0.38	U	0.28	0.38	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	53494-70-5	ENDRIN KETONE	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	57-74-9	Chlordane	3.8	U	0.89	3.8	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	58-89-9	gamma-BHC (Lindane)	0.18	U	0.038	0.18	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	60-57-1	DIELDRIN	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	72-20-8	ENDRIN	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	72-43-5	METHOXYCHLOR	1.8	U	0.38	1.8	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	72-54-8	4,4'-DDD	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	72-55-9	4,4'-DDE	0.38	U	0.20	0.38	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	7421-93-4	ENDRIN ALDEHYDE	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	76-44-8	HEPTACHLOR	0.12	J	0.067	0.18	ug/kg	J	J	J	S, Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	8001-35-2	TOXAPHENE	7.3	U	2.4	7.3	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8081A	1/13/2011		3550B	DE040	9.9	1	959-98-8	ENDOSULFAN I	0.18	U	0.049	0.18	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/24/2010		3550B	DE040	9.9	1	11126-42-4	Aroclor 5460	3.7		1.1	3.7	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	11096-82-5	AROCLOR 1260	1.1	J	0.37	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	11097-69-1	AROCLOR 1254	1.1	J	0.37	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	11100-14-4	Aroclor 1268	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	11104-28-2	AROCLOR 1221	1.9	U	0.55	1.9	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	11141-16-5	AROCLOR 1232	1.9	U	0.58	1.9	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	12642-23-8	Aroclor 5442	3.7	U	1.1	3.7	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	12672-29-6	AROCLOR 1248	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	12674-11-2	AROCLOR 1016	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	37324-23-5	Aroclor 1262	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	53469-21-9	AROCLOR 1242	1.9	U	0.55	1.9	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8082	12/29/2010		3550B	DE040	9.9	1	63496-31-1	Aroclor 5432	3.7	U	1.1	3.7	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8151A	12/31/2010		3550B	DE040	9.9	1	120-36-5	DICHLOROPROP	1.9	U	0.89	1.9	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8151A	12/31/2010		3550B	DE040	9.9	1	1918-00-9	DICAMBA	1.3	U	0.44	1.3	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8151A	12/31/2010		3550B	DE040	9.9	1	75-99-0	DALAPON	10	U	4.9	10	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8151A	12/31/2010		3550B	DE040	9.9	1	88-85-7	DINOSEB	2.7	R	0.89	2.7	ug/kg	R	U	R	L	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8151A	12/31/2010		3550B	DE040	9.9	1	93-65-2	MCPP	200	J	83	280	ug/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8151A	12/31/2010		3550B	DE040	9.9	1	93-72-1	2,4,5-TP (Silvex)	0.23		0.083	0.19	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8151A	12/31/2010		3550B	DE040	9.9	1	93-76-5	2,4,5-T	0.19	U	0.091	0.19	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8151A	12/31/2010		3550B	DE040	9.9	1	94-74-6	MCPA	760		84	280	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8151A	12/31/2010		3550B	DE040	9.9	1	94-75-7	2,4-D	4	U	1.3	4.0	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8151A	12/31/2010		3550B	DE040	9.9	1	94-82-6	2,4-DB	12	U	12	12	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	100-01-6	4-NITROANILINE	180	U	74	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	100-02-7	4-NITROPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	100-51-6	BENZYL ALCOHOL	550	U	180	550	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	105-67-9	2,4-DIMETHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	106-44-5	4-METHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	106-46-7	1,4-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	106-47-8	4-CHLOROANILINE	180	U	74	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	108-68-9	3,5-Dimethylphenol	180	U	37	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	108-95-2	PHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	24	J	18	370	ug/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	118-74-1	HEXACHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	120-82-1	1,2,4-TRICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	120-83-2	2,4-DICHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	121-14-2	2,4-DINITROTOLUENE	180	U	37	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	132-64-9	DIBENZOFURAN	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	51-28-5	2,4-DINITROPHENOL	2200	U	740	2200	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	541-73-1	1,3-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	59-50-7	4-CHLORO-3-METHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	606-20-2	2,6-DINITROTOLUENE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	62-53-3	ANILINE	550	U	180	550	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	65-85-0	BENZOIC ACID	550	U	180	550	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	67-72-1	HEXACHLOROETHANE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	180	U	37	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	550	U	180	550	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	78-59-1	ISOPHORONE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	86-30-6	N-NITROSODIPHENYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	86-74-8	CARBAZOLE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	87-68-3	HEXACHLOROBUTADIENE	180	U	74	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	87-86-5	PENTACHLOROPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	88-06-2	2,4,6-TRICHLOROPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	88-74-4	2-NITROANILINE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	88-75-5	2-NITROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	91-58-7	2-CHLORONAPHTHALENE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	91-94-1	3,3'-DICHLOROBENZIDINE	370	U	110	370	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	92-87-5	BENZIDINE	3700	U	1300	3700	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	95-48-7	2-METHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	95-50-1	1,2-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	95-57-8	2-CHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	95-95-4	2,4,5-TRICHLOROPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	98-95-3	NITROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C	1/16/2011		3550B	DE040	9.9	1	99-09-2	3-NITROANILINE	180	U	37	180	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	117-84-0	Di-n-octylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	120-12-7	ANTHRACENE	0.65	J	0.37	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	129-00-0	PYRENE	5.4		0.74	1.8	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	131-11-3	Dimethylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	191-24-2	BENZO(G,H,I)PERYLENE	1.2	J	0.74	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.1	J	0.74	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	205-99-2	BENZO(B)FLUORANTHENE	4.7		0.74	1.8	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	206-44-0	FLUORANTHENE	8		0.74	1.8	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	207-08-9	BENZO(K)FLUORANTHENE	2		0.74	1.8	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.37	1.8	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	218-01-9	CHRYSENE	4.1		0.37	1.8	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	50-32-8	BENZO(A)PYRENE	2.2		0.74	1.8	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	56-55-3	BENZO(A)ANTHRACENE	2		0.74	1.8	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	62-75-9	N-NITROSODIMETHYLAMINE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	83-32-9	ACENAPHTHENE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	84-66-2	Diethylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	84-74-2	Di-n-butylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	85-01-8	PHENANTHRENE	4.7		0.74	1.8	ug/kg					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	85-68-7	Butylbenzylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	86-73-7	FLUORENE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	91-20-3	NAPHTHALENE	1.5	J	0.74	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	8270C SIM	1/5/2011		3550B	DE040	9.9	1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.74	1.8	ug/kg		U			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	9045M	12/17/2010		Gen Prep	DE040	9.9	1	pH	PH	7.25		0.0100	0.0100	pH unit					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166080	ASTM D1498	12/17/2010		Gen Prep	DE040	9.9	1	REDOX	Oxidation Reduction Potential	459		10.0	10.0	mv					MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	1746-01-6	2,3,7,8-TCDD	0.0408	J	0.0180	1.11	ng/kg	J	JQ	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.458	J	0.0290	5.55	ng/kg	J	JBQ	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	3268-87-9	OCDD	191		0.0605	11.1	ng/kg		B			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	16.4		0.0518	5.55	ng/kg		B			MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	39001-02-0	OCDF	8.78	J	0.0404	11.1	ng/kg	J	JB	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.202	J	0.0272	5.55	ng/kg	J	JBQ	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	40321-76-4	1,2,3,7,8-PECDD	0.19	J	0.0296	5.55	ng/kg	J	JQ	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	51207-31-9	2,3,7,8-TCDF	0.128	J	0.0342	1.11	ng/kg	J	JBQ	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.55	U	0.0358	5.55	ng/kg	U	JB	U	B, Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	57117-31-4	2,3,4,7,8-PECDF	0.461	J	0.0156	5.55	ng/kg	J	JB	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	57117-41-6	1,2,3,7,8-PECDF	0.26	J	0.0144	5.55	ng/kg	J	JB	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.196	J	0.0169	5.55	ng/kg	J	JBQ	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.619	J	0.0290	5.55	ng/kg	J	JB	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.55	U	0.0191	5.55	ng/kg	U	JB	U	B, Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	2.93	J	0.0183	5.55	ng/kg	J	JB	J	Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.55	U	0.0200	5.55	ng/kg	U	JB	U	B, Z	MDL	PQL	6348141.279	1908963.523
SED-018-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166119	1613B	1/19/2011		METHOD	DX024	9.9	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.55	U	0.0270	5.55	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348141.279	1908963.523
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	160.3M	12/23/2010		Gen Prep	DE042	25.8	1	MOIST	MOISTURE	25.8		0.50	0.50	%					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	300.0	1/12/2011		METHOD	DE042	25.8	1	16984-48-8	FLUORIDE	1.4		1.1	1.3	mg/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	314.0	1/13/2011		METHOD	DE042	25.8	1	14797-73-0	PERCHLORATE	40.4	U	12.1	40.4	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7429-90-5	ALUMINUM	16900		6.52	25.9	mg/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7439-89-6	IRON	25200		6.10	25.9	mg/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7439-93-2	LITHIUM	26.8	J	0.29	2.6	mg/kg	J		J	*#	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7439-95-4	MAGNESIUM	4990		3.29	13.0	mg/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7439-96-5	MANGANESE	269		0.101	0.648	mg/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7440-09-7	POTASSIUM	3540	J	23.3	64.8	mg/kg	J		J	Q	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7440-23-5	SODIUM	136		48.3	130	mg/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7440-24-6	STRONTIUM	26.2		0.0803	0.648	mg/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7440-31-5	TIN	13	U	1.30	13.0	mg/kg	U	J	U	B, Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7440-32-6	TITANIUM	1270		0.492	1.30	mg/kg					MDL	PQL	6348022.947	1908953.233

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7440-42-8	BORON	6.31	J	1.15	6.48	mg/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7440-67-7	Zirconium	1.15	J	1.09	6.48	mg/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7440-70-2	CALCIUM	3050		7.94	25.9	mg/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6010B	12/30/2010	NA	3050B	DE042	25.8	1	7723-14-0	PHOSPHORUS	707	J	0.726	13.0	mg/kg	J		J	Q	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	1/4/2011	NA	3050B	DE042	25.8	5	7440-66-6	ZINC	308	J	1.83	9.81	mg/kg	J		J	E	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	1/4/2011	NA	3050B	DE042	25.8	2	7782-49-2	SELENIUM	0.202	J	0.0523	0.523	mg/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7439-98-7	MOLYBDENUM	3.69	J	0.0654	0.131	mg/kg	J		J	Q	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-39-3	BARIUM	183	J	0.141	0.523	mg/kg	J		J	E, *#	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7439-92-1	LEAD	54.2	J	0.0136	0.262	mg/kg	J		J	E, *#	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-02-0	NICKEL	23.5	J	0.131	0.523	mg/kg	J		J	E, Q, *#	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-22-4	SILVER	0.267	J	0.0157	0.131	mg/kg	J		J	Q	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-28-0	THALLIUM	0.505	J	0.0393	0.131	mg/kg	J		J	Q	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-36-0	ANTIMONY	0.931	J	0.0785	0.262	mg/kg	J		J	Q	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-38-2	ARSENIC	11.1	J	0.0785	0.523	mg/kg	J		J	E, Q	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-41-7	BERYLLIUM	1.07	J	0.0209	0.131	mg/kg	J		J	E, Q	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-43-9	CADMIUM	2.23	J	0.0471	0.131	mg/kg	J		J	Q	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-47-3	CHROMIUM	40.2	J	0.157	0.523	mg/kg	J		J	E, Q, *#	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-48-4	COBALT	11.2	J	0.0262	0.131	mg/kg	J		J	Q, *#	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-50-8	COPPER	50.5	J	0.0864	0.523	mg/kg	J		J	E, Q, *#	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	6020	12/30/2010	NA	3050B	DE042	25.8	2	7440-62-2	VANADIUM	68.2	J	0.0288	0.131	mg/kg	J		J	E, Q, *#	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	7199	1/18/2011		3060A	DE042	25.8	1	18540-29-9	HEXAVALENT CHROMIUM	1.3	U	0.27	1.3	mg/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	7471A	12/23/2010	NA	METHOD	DE042	25.8	1	7439-97-6	MERCURY	0.574		0.0036	0.127	mg/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	20	50-29-3	4,4'-DDT	32	U	32	32	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	20	72-54-8	4,4'-DDD	19	U	19	19	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	1024-57-3	HEPTACHLOR EPOXIDE	1.1	U	0.75	1.1	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	1031-07-8	ENDOSULFAN SULFATE	2.3	U	0.44	2.3	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	2385-85-5	MIREX	2.3	U	1.8	2.3	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	309-00-2	ALDRIN	1.1	U	0.44	1.1	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	319-84-6	ALPHA-BHC	1.1	U	0.23	1.1	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	319-85-7	BETA-BHC	1.1	U	0.40	1.1	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	319-86-8	DELTA-BHC	0.29	J	0.24	1.1	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	33213-65-9	ENDOSULFAN II	2.3	U	1.6	2.3	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	53494-70-5	ENDRIN KETONE	2.3	U	0.44	2.3	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	57-74-9	Chlordane	23	U	22	23	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	58-89-9	gamma-BHC (Lindane)	1.1	U	0.23	1.1	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	60-57-1	DIELDRIN	2.3	U	1.6	2.3	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	72-20-8	ENDRIN	2.3	U	0.44	2.3	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	72-43-5	METHOXYCHLOR	11	U	2.3	11	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	72-55-9	4,4'-DDE	2.3	U	2.1	2.3	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	7421-93-4	ENDRIN ALDEHYDE	5.9	U	5.9	5.9	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	76-44-8	HEPTACHLOR	1.1	U	0.40	1.1	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	8001-35-2	TOXAPHENE	44	U	15	44	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8081A	1/24/2011		3550B	DE042	25.8	5	959-98-8	ENDOSULFAN I	1.1	U	0.30	1.1	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	11096-82-5	AROCLOR 1260	180		4.4	23	ug/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	11097-69-1	AROCLOR 1254	99		4.4	23	ug/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	11100-14-4	Aroclor 1268	23	U	4.4	23	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	11104-28-2	AROCLOR 1221	23	U	6.7	23	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	11126-42-4	Aroclor 5460	130	J	13	44	ug/kg	J		J	L	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	11141-16-5	AROCLOR 1232	23	U	7.0	23	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	12642-23-8	Aroclor 5442	44	UJ	13	44	ug/kg	UJ	U	UJ	L	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	12672-29-6	AROCLOR 1248	23	U	4.4	23	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	12674-11-2	AROCLOR 1016	23	U	4.4	23	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	37324-23-5	Aroclor 1262	23	U	4.4	23	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	53469-21-9	AROCLOR 1242	23	U	6.7	23	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8082	12/31/2010		3550B	DE042	25.8	10	63496-31-1	Aroclor 5432	44	UJ	13	44	ug/kg	UJ	U	UJ	L	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8151A	1/2/2011		3550B	DE042	25.8	1	120-36-5	DICHLOROPROP	2.3	U	1.1	2.3	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8151A	1/2/2011		3550B	DE042	25.8	1	1918-00-9	DICAMBA	0.73	J	0.54	1.6	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8151A	1/2/2011		3550B	DE042	25.8	1	75-99-0	DALAPON	12	U	5.9	12	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8151A	1/2/2011		3550B	DE042	25.8	1	88-85-7	DINOSEB	3.2	R	1.1	3.2	ug/kg	R	U	R	L	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8151A	1/2/2011		3550B	DE042	25.8	1	93-65-2	MCPP	670	U	670	670	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8151A	1/2/2011		3550B	DE042	25.8	1	93-72-1	2,4,5-TP (Silvex)	0.53		0.10	0.23	ug/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8151A	1/2/2011		3550B	DE042	25.8	1	93-76-5	2,4,5-T	0.62	U	0.62	0.62	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8151A	1/2/2011		3550B	DE042	25.8	1	94-74-6	MCPA	700		100	340	ug/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8151A	1/2/2011		3550B	DE042	25.8	1	94-75-7	2,4-D	4.9	U	1.6	4.9	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8151A	1/2/2011		3550B	DE042	25.8	1	94-82-6	2,4-DB	2.3	U	0.84	2.3	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	100-01-6	4-NITROANILINE	220	U	90	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	100-02-7	4-NITROPHENOL	670	U	220	670	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	100-51-6	BENZYL ALCOHOL	670	U	220	670	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	105-67-9	2,4-DIMETHYLPHENOL	220	U	45	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	106-44-5	4-METHYLPHENOL	220	U	45	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	106-46-7	1,4-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	106-47-8	4-CHLOROANILINE	220	U	90	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	108-68-9	3,5-Dimethylphenol	220	U	45	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	108-95-2	PHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	120	J	22	450	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	117-84-0	Di-n-octylphthalate	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	118-74-1	HEXACHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	120-82-1	1,2,4-TRICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	120-83-2	2,4-DICHLOROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	121-14-2	2,4-DINITROTOLUENE	220	U	45	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	129-00-0	PYRENE	47	J	22	220	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	131-11-3	Dimethylphthalate	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	132-64-9	DIBENZOFURAN	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	206-44-0	FLUORANTHENE	71	J	22	220	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	218-01-9	CHRYSENE	37	J	22	220	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	51-28-5	2,4-DINITROPHENOL	2700	U	900	2700	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	670	U	220	670	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	541-73-1	1,3-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	56-55-3	BENZO(A)ANTHRACENE	24	J	22	220	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	59-50-7	4-CHLORO-3-METHYLPHENOL	220	U	45	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	606-20-2	2,6-DINITROTOLUENE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	62-53-3	ANILINE	670	U	220	670	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	65-85-0	BENZOIC ACID	670	U	220	670	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	67-72-1	HEXACHLOROETHANE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	220	U	45	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	670	U	220	670	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	78-59-1	ISOPHORONE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	84-66-2	Diethylphthalate	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	84-74-2	Di-n-butylphthalate	26	J	22	220	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	85-68-7	Butylbenzylphthalate	42	J	22	220	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	86-30-6	N-NITROSODIPHENYLAMINE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	86-74-8	CARBAZOLE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	87-68-3	HEXACHLOROBUTADIENE	220	U	90	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	87-86-5	PENTACHLOROPHENOL	670	U	220	670	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	88-06-2	2,4,6-TRICHLOROPHENOL	220	U	45	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	88-74-4	2-NITROANILINE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	88-75-5	2-NITROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	91-58-7	2-CHLORONAPHTHALENE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	91-94-1	3,3'-DICHLOROBENZIDINE	450	U	130	450	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	92-87-5	BENZIDINE	4500	U	1600	4500	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	95-48-7	2-METHYLPHENOL	220	U	45	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	95-50-1	1,2-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	95-57-8	2-CHLOROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	95-95-4	2,4,5-TRICHLOROPHENOL	220	U	45	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	98-95-3	NITROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C	1/19/2011		3550B	DE042	25.8	1	99-09-2	3-NITROANILINE	220	U	45	220	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	120-12-7	ANTHRACENE	6	J	2.2	11	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	191-24-2	BENZO(G,H,I)PERYLENE	12		4.5	11	ug/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	193-39-5	INDENO(1,2,3-CD)PYRENE	8.6	J	4.5	11	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	205-99-2	BENZO(B)FLUORANTHENE	35		4.5	11	ug/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	207-08-9	BENZO(K)FLUORANTHENE	9.7	J	4.5	11	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	208-96-8	ACENAPHTHYLENE	11	U	2.2	11	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	50-32-8	BENZO(A)PYRENE	16		4.5	11	ug/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	53-70-3	DIBENZO(A,H)ANTHRACENE	11	U	4.5	11	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	62-75-9	N-NITROSODIMETHYLAMINE	11	U	4.5	11	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	83-32-9	ACENAPHTHENE	11	U	4.5	11	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	85-01-8	PHENANTHRENE	22		4.5	11	ug/kg					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	86-73-7	FLUORENE	11	U	4.5	11	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	90-12-0	1-METHYLNAPHTHALENE	11	U	4.5	11	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	91-20-3	NAPHTHALENE	9	J	4.5	11	ug/kg	J	J	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	8270C SIM	1/6/2011		3550B	DE042	25.8	5	91-57-6	2-METHYLNAPHTHALENE	11	U	4.5	11	ug/kg		U			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	9045M	12/20/2010		Gen Prep	DE042	25.8	1	pH	PH	4.76		0.0100	0.0100	pH unit					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167471	ASTM D1498	12/20/2010		Gen Prep	DE042	25.8	1	REDOX	Oxidation Reduction Potential	557		10.0	10.0	mv					MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	2/4/2011		METHOD	DX026	25.8	1	51207-31-9	2,3,7,8-TCDF	9.59		0.123	1.35	ng/kg		B		Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	1746-01-6	2,3,7,8-TCDD	2.18		0.107	1.35	ng/kg		Q			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	19408-74-3	1,2,3,7,8,9-HXCDD	26.7		0.177	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	3268-87-9	OCDD	24600	J	0.396	13.5	ng/kg	J	EB	J	*#	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	1720		0.713	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	39001-02-0	OCDF	703		0.148	13.5	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	39227-28-6	1,2,3,4,7,8-HxCDD	16		0.173	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	40321-76-4	1,2,3,7,8-PECDD	4.86	J	0.240	6.74	ng/kg	J	JBQ	J	Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	51207-31-9	2,3,7,8-TCDF	8.6		0.220	1.35	ng/kg		B		Z	MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	21.9		0.196	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	57117-31-4	2,3,4,7,8-PECDF	9.6		0.0708	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	57117-41-6	1,2,3,7,8-PECDF	18.1		0.0740	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	57117-44-9	1,2,3,6,7,8-HXCDF	11.4		0.138	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	57653-85-7	1,2,3,6,7,8-HXCDD	62.8		0.173	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	60851-34-5	2,3,4,6,7,8-HXCDF	13.7		0.138	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	239		0.165	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	70648-26-9	1,2,3,4,7,8-HXCDF	11.8		0.150	6.74	ng/kg		B			MDL	PQL	6348022.947	1908953.233
SED-019-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167495	1613B	1/21/2011		METHOD	DX026	25.8	1	72918-21-9	1,2,3,7,8,9-HXCDF	2.48	J	0.153	6.74	ng/kg	J	JB	J	Z	MDL	PQL	6348022.947	1908953.233
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	160.3M	12/23/2010		Gen Prep	DE042	8	1	MOIST	MOISTURE	8		0.50	0.50	%					MDL	PQL	6348282.945	1909366.906

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	300.0	1/12/2011		METHOD	DE042	8	1	16984-48-8	FLUORIDE	1.1		0.87	1.1	mg/kg					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	314.0	1/13/2011		METHOD	DE042	8	1	14797-73-0	PERCHLORATE	32.6	U	9.8	32.6	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7429-90-5	ALUMINUM	9110		5.36	21.3	mg/kg					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7439-89-6	IRON	14100		5.02	21.3	mg/kg					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7439-93-2	LITHIUM	22.5	J	0.23	2.1	mg/kg	J		J	*#	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7439-95-4	MAGNESIUM	3380		2.71	10.7	mg/kg					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7439-96-5	MANGANESE	206		0.0831	0.533	mg/kg					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7440-09-7	POTASSIUM	2480	J	19.2	53.3	mg/kg	J		J	Q	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7440-23-5	SODIUM	60.8	J	39.7	107	mg/kg	J	J	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7440-24-6	STRONTIUM	12.8		0.0661	0.533	mg/kg					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7440-31-5	TIN	10.7	U	1.07	10.7	mg/kg	U	J	U	B, Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7440-32-6	TITANIUM	868		0.405	1.07	mg/kg					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7440-42-8	BORON	3.88	J	0.948	5.33	mg/kg	J	J	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7440-67-7	Zirconium	5.33	U	0.895	5.33	mg/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7440-70-2	CALCIUM	2190		6.53	21.3	mg/kg					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6010B	12/30/2010	NA	3050B	DE042	8	1	7723-14-0	PHOSPHORUS	310	J	0.597	10.7	mg/kg	J		J	Q	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	1/4/2011	NA	3050B	DE042	8	2	7782-49-2	SELENIUM	0.0829	J	0.0418	0.418	mg/kg	J	J	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7439-98-7	MOLYBDENUM	0.497	J	0.0523	0.105	mg/kg	J		J	Q	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-39-3	BARIUM	95.9	J	0.113	0.418	mg/kg	J		J	E, *#	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7439-92-1	LEAD	12.2	J	0.0109	0.209	mg/kg	J		J	E, *#	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-02-0	NICKEL	11.1	J	0.105	0.418	mg/kg	J		J	E, Q, *#	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-22-4	SILVER	0.0561	J	0.0125	0.105	mg/kg	J	J	J	Q, Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-28-0	THALLIUM	0.284	J	0.0314	0.105	mg/kg	J		J	Q	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-36-0	ANTIMONY	0.209	UJ	0.0627	0.209	mg/kg	UJ	J	UJ	B, Q, Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-38-2	ARSENIC	4.71	J	0.0627	0.418	mg/kg	J		J	E, Q	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-41-7	BERYLLIUM	0.548	J	0.0167	0.105	mg/kg	J		J	E, Q	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-43-9	CADMIUM	0.311	J	0.0376	0.105	mg/kg	J		J	Q	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-47-3	CHROMIUM	19	J	0.125	0.418	mg/kg	J		J	E, Q, *#	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-48-4	COBALT	5.25	J	0.0209	0.105	mg/kg	J		J	Q, *#	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-50-8	COPPER	8.77	J	0.0690	0.418	mg/kg	J		J	E, Q, *#	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-62-2	VANADIUM	38.2	J	0.0230	0.105	mg/kg	J		J	E, Q, *#	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6020	12/30/2010	NA	3050B	DE042	8	2	7440-66-6	ZINC	96.5	J	0.585	3.14	mg/kg	J		J	E	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	6850	1/5/2011		METHOD	DE042	8	1	14797-73-0	PERCHLORATE	5.4	U	2.3	5.4	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	7199	1/18/2011		3060A	DE042	8	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.22	1.1	mg/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	7471A	12/23/2010	NA	METHOD	DE042	8	1	7439-97-6	MERCURY	0.0051	J	0.0030	0.105	mg/kg	J	J	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	1024-57-3	HEPTACHLOR EPOXIDE	0.18	U	0.074	0.18	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	1031-07-8	ENDOSULFAN SULFATE	0.37	U	0.072	0.37	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	2385-85-5	MIREX	0.37	U	0.33	0.37	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	309-00-2	ALDRIN	0.18	U	0.072	0.18	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	319-84-6	ALPHA-BHC	0.18	U	0.037	0.18	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	319-85-7	BETA-BHC	0.18	U	0.065	0.18	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	319-86-8	DELTA-BHC	0.075	J	0.039	0.18	ug/kg	J	J	J	S, Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	33213-65-9	ENDOSULFAN II	0.37	U	0.13	0.37	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	50-29-3	4,4'-DDT	1	U	1.0	1.0	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	53494-70-5	ENDRIN KETONE	0.37	U	0.072	0.37	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	57-74-9	Chlordane	3.7	U	3.0	3.7	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	58-89-9	gamma-BHC (Lindane)	0.18	U	0.037	0.18	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	60-57-1	DIELDRIN	0.37	U	0.072	0.37	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	72-20-8	ENDRIN	0.37	U	0.072	0.37	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	72-43-5	METHOXYCHLOR	1.8	U	0.58	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	72-54-8	4,4'-DDD	0.37	U	0.17	0.37	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	72-55-9	4,4'-DDE	0.41	U	0.41	0.41	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	7421-93-4	ENDRIN ALDEHYDE	0.37	U	0.072	0.37	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	76-44-8	HEPTACHLOR	0.18	U	0.065	0.18	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	8001-35-2	TOXAPHENE	7.2	U	2.4	7.2	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8081A	1/24/2011		3550B	DE042	8	1	959-98-8	ENDOSULFAN I	0.18	U	0.093	0.18	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	11096-82-5	AROCLOR 1260	10		0.72	3.7	ug/kg					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	11097-69-1	AROCLOR 1254	2.5	J	0.72	3.7	ug/kg	J	J	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	11100-14-4	Aroclor 1268	3.7	U	0.72	3.7	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	11104-28-2	AROCLOR 1221	3.7	U	1.1	3.7	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	11126-42-4	Aroclor 5460	6.6	J	2.2	7.2	ug/kg	J	J	J	L, Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	11141-16-5	AROCLOR 1232	3.7	U	1.1	3.7	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	12642-23-8	Aroclor 5442	7.2	UJ	2.2	7.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	12672-29-6	AROCLOR 1248	3.7	U	0.72	3.7	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	12674-11-2	AROCLOR 1016	3.7	U	0.72	3.7	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	37324-23-5	Aroclor 1262	3.7	U	0.72	3.7	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	53469-21-9	AROCLOR 1242	3.7	U	1.1	3.7	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8082	12/31/2010		3550B	DE042	8	2	63496-31-1	Aroclor 5432	7.2	UJ	2.2	7.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8151A	1/2/2011		3550B	DE042	8	1	120-36-5	DICHLOROPROP	1.8	U	0.87	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8151A	1/2/2011		3550B	DE042	8	1	1918-00-9	DICAMBA	0.57	J	0.43	1.3	ug/kg	J	J	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8151A	1/2/2011		3550B	DE042	8	1	75-99-0	DALAPON	9.8	U	4.8	9.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8151A	1/2/2011		3550B	DE042	8	1	88-85-7	DINOSEB	2.6	R	0.87	2.6	ug/kg	R	U	R	L	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8151A	1/2/2011		3550B	DE042	8	1	93-65-2	MCPP	540	U	540	540	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8151A	1/2/2011		3550B	DE042	8	1	93-72-1	2,4,5-TP (Silvex)	0.18	U	0.082	0.18	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8151A	1/2/2011		3550B	DE042	8	1	93-76-5	2,4,5-T	0.18	U	0.089	0.18	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8151A	1/2/2011		3550B	DE042	8	1	94-74-6	MCPA	310		83	270	ug/kg					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8151A	1/2/2011		3550B	DE042	8	1	94-75-7	2,4-D	3.9	U	1.3	3.9	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8151A	1/2/2011		3550B	DE042	8	1	94-82-6	2,4-DB	10	U	10	10	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	100-01-6	4-NITROANILINE	180	U	72	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	100-02-7	4-NITROPHENOL	540	U	180	540	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	100-51-6	BENZYL ALCOHOL	540	U	180	540	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	105-67-9	2,4-DIMETHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	106-44-5	4-METHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	106-46-7	1,4-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	106-47-8	4-CHLOROANILINE	180	U	72	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	108-68-9	3,5-Dimethylphenol	180	U	36	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	108-95-2	PHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	118-74-1	HEXACHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	120-82-1	1,2,4-TRICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	120-83-2	2,4-DICHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	121-14-2	2,4-DINITROTOLUENE	180	U	36	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	132-64-9	DIBENZOFURAN	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	51-28-5	2,4-DINITROPHENOL	2200	U	720	2200	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	540	U	180	540	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	541-73-1	1,3-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	59-50-7	4-CHLORO-3-METHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	606-20-2	2,6-DINITROTOLUENE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	62-53-3	ANILINE	540	U	180	540	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	65-85-0	BENZOIC ACID	540	U	180	540	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	67-72-1	HEXACHLOROETHANE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	180	U	36	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	540	U	180	540	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	78-59-1	ISOPHORONE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	86-30-6	N-NITROSODIPHENYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	86-74-8	CARBAZOLE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	87-68-3	HEXACHLOROBUTADIENE	180	U	72	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	87-86-5	PENTACHLOROPHENOL	540	U	180	540	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	88-06-2	2,4,6-TRICHLOROPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	88-74-4	2-NITROANILINE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	88-75-5	2-NITROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	91-58-7	2-CHLORONAPHTHALENE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	91-94-1	3,3'-DICHLOROBENZIDINE	360	U	110	360	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	92-87-5	BENZIDINE	3600	U	1300	3600	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	95-48-7	2-METHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	95-50-1	1,2-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	95-57-8	2-CHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	95-95-4	2,4,5-TRICHLOROPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	98-95-3	NITROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C	1/19/2011		3550B	DE042	8	1	99-09-2	3-NITROANILINE	180	U	36	180	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.5	20	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	117-84-0	Di-n-octylphthalate	20	U	6.5	20	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	129-00-0	PYRENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	131-11-3	Dimethylphthalate	20	U	6.5	20	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	218-01-9	CHRYSENE	1.8	U	0.36	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	50-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	62-75-9	N-NITROSODIMETHYLAMINE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	83-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	84-66-2	Diethylphthalate	20	U	6.5	20	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	84-74-2	Di-n-butylphthalate	20	U	6.5	20	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	85-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	85-68-7	Butylbenzylphthalate	20	U	6.5	20	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	86-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	91-20-3	NAPHTHALENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	8270C SIM	1/6/2011		3550B	DE042	8	1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	9045M	12/20/2010		Gen Prep	DE042	8	1	pH	PH	6.84		0.0100	0.0100	pH unit					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167472	ASTM D1498	12/20/2010		Gen Prep	DE042	8	1	REDOX	Oxidation Reduction Potential	477		10.0	10.0	mv					MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	1746-01-6	2,3,7,8-TCDD	0.284	J	0.0353	1.09	ng/kg	J	JQ	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	19408-74-3	1,2,3,7,8,9-HXCDD	5.57		0.0609	5.43	ng/kg		B			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	3268-87-9	OCDD	2980		0.143	10.9	ng/kg		B			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	293		0.214	5.43	ng/kg		B			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	39001-02-0	OCDF	87.8		0.0850	10.9	ng/kg		B			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	39227-28-6	1,2,3,4,7,8-HxCDD	2.51	J	0.0601	5.43	ng/kg	J	JB	J	Z	MDL	PQL	6348282.945	1909366.906

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	40321-76-4	1,2,3,7,8-PECDD	1.07	J	0.0914	5.43	ng/kg	J	JB	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	51207-31-9	2,3,7,8-TCDF	0.492	J	0.0529	1.09	ng/kg	J	JBQ	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.32	J	0.210	5.43	ng/kg	J	JBQ	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	57117-31-4	2,3,4,7,8-PECDF	0.802	J	0.0286	5.43	ng/kg	J	JB	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	57117-41-6	1,2,3,7,8-PECDF	0.971	J	0.0286	5.43	ng/kg	J	JB	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	57117-44-9	1,2,3,6,7,8-HXCDF	1.4	J	0.0440	5.43	ng/kg	J	JB	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	57653-85-7	1,2,3,6,7,8-HXCDD	10.9		0.0630	5.43	ng/kg		B			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	60851-34-5	2,3,4,6,7,8-HXCDF	2.26	J	0.0448	5.43	ng/kg	J	JB	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	36.6		0.158	5.43	ng/kg		B			MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	70648-26-9	1,2,3,4,7,8-HXCDF	1.31	J	0.0466	5.43	ng/kg	J	JB	J	Z	MDL	PQL	6348282.945	1909366.906
SED-020-SIV-SD-0.0-0.5	12/16/2010	N	0	0.5	ft bgs	SE	SED		6167496	1613B	1/21/2011		METHOD	DX026	8	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.322	J	0.0536	5.43	ng/kg	J	JB	J	Z	MDL	PQL	6348282.945	1909366.906
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	160.3M	12/22/2010		Gen Prep	DE040	5.1	1	MOIST	MOISTURE	5.1		0.50	0.50	%					MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	1746-01-6	2,3,7,8-TCDD	0.0453	J	0.0253	1.05	ng/kg	J	JQ	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.745	J	0.0356	5.27	ng/kg	J	JB	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	3268-87-9	OCDD	565		0.0753	10.5	ng/kg		B			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	54.5		0.0612	5.27	ng/kg		B			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	39001-02-0	OCDF	21		0.0573	10.5	ng/kg		B			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.391	J	0.0338	5.27	ng/kg	J	JBQ	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	40321-76-4	1,2,3,7,8-PECDD	0.17	J	0.0409	5.27	ng/kg	J	JQ	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	51207-31-9	2,3,7,8-TCDF	1.05	U	0.0267	1.05	ng/kg	U	JB	U	B, Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.816	J	0.0403	5.27	ng/kg	J	JB	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	57117-31-4	2,3,4,7,8-PECDF	5.27	U	0.0158	5.27	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	57117-41-6	1,2,3,7,8-PECDF	0.192	J	0.0148	5.27	ng/kg	J	JBQ	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.343	J	0.0248	5.27	ng/kg	J	JB	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	57653-85-7	1,2,3,6,7,8-HXCDD	2.24	J	0.0351	5.27	ng/kg	J	JB	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.513	J	0.0278	5.27	ng/kg	J	JB	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	9.15		0.0222	5.27	ng/kg		B			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.27	U	0.0297	5.27	ng/kg	U	JB	U	B, Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166118	1613B	1/19/2011		METHOD	DX024	5.1	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.27	U	0.0387	5.27	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	300.0	1/12/2011		METHOD	DE040	5.1	1	16984-48-8	FLUORIDE	1.1	U	0.84	1.1	mg/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	314.0	1/7/2011		Gen Prep	DE040	5.1	1	14797-73-0	PERCHLORATE	31.6	U	9.5	31.6	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/30/2010	NA	3050B	DE040	5.1	1	7429-90-5	ALUMINUM	9560		5.20	20.7	mg/kg					MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/30/2010	NA	3050B	DE040	5.1	1	7439-89-6	IRON	16900	J	4.87	20.7	mg/kg	J		J	E	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/30/2010	NA	3050B	DE040	5.1	1	7440-09-7	POTASSIUM	2920	J	18.6	51.7	mg/kg	J		J	Q	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/30/2010	NA	3050B	DE040	5.1	1	7440-23-5	SODIUM	63.5	J	38.5	103	mg/kg	J	J	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/30/2010	NA	3050B	DE040	5.1	1	7440-32-6	TITANIUM	1130		0.393	1.03	mg/kg					MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/30/2010	NA	3050B	DE040	5.1	1	7440-42-8	BORON	3.56	J	0.919	5.17	mg/kg	J	J	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/29/2010	NA	3050B	DE040	5.1	1	7439-93-2	LITHIUM	19.8	J	0.23	2.1	mg/kg	J		J	E	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/29/2010	NA	3050B	DE040	5.1	1	7439-95-4	MAGNESIUM	3980	J	2.62	10.3	mg/kg	J		J	*#	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/29/2010	NA	3050B	DE040	5.1	1	7439-96-5	MANGANESE	239	J	0.0806	0.517	mg/kg	J		J	E	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/29/2010	NA	3050B	DE040	5.1	1	7440-24-6	STRONTIUM	7.16	J	0.0641	0.517	mg/kg	J		J	E	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/29/2010	NA	3050B	DE040	5.1	1	7440-31-5	TIN	10.3	U	1.03	10.3	mg/kg	U	J	U	B, Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/29/2010	NA	3050B	DE040	5.1	1	7440-67-7	Zirconium	5.17	U	0.868	5.17	mg/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/29/2010	NA	3050B	DE040	5.1	1	7440-70-2	CALCIUM	1820	J	6.33	20.7	mg/kg	J		J	*#	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6010B	12/29/2010	NA	3050B	DE040	5.1	1	7723-14-0	PHOSPHORUS	324	J	0.579	10.3	mg/kg	J		J	Q, E	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7782-49-2	SELENIUM	0.0924	J	0.0405	0.405	mg/kg	J	J	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7439-98-7	MOLYBDENUM	0.222		0.0507	0.101	mg/kg					MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-39-3	BARIUM	62.3	J	0.109	0.405	mg/kg	J		J	*#	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7439-92-1	LEAD	5.31	J	0.0105	0.203	mg/kg	J		J	Q, E, *#	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-02-0	NICKEL	6.99	J	0.101	0.405	mg/kg	J		J	E, *#	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-22-4	SILVER	0.017	J	0.0122	0.101	mg/kg	J	J	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-28-0	THALLIUM	0.156		0.0304	0.101	mg/kg					MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-36-0	ANTIMONY	0.203	UJ	0.0608	0.203	mg/kg	UJ	U	UJ	Q	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-38-2	ARSENIC	2.43	J	0.0608	0.405	mg/kg	J		J	Q	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-41-7	BERYLLIUM	0.274		0.0162	0.101	mg/kg					MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-43-9	CADMIUM	0.08	J	0.0365	0.101	mg/kg	J	J	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-47-3	CHROMIUM	12.5	J	0.122	0.405	mg/kg	J		J	E, Q, *#	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-48-4	COBALT	3.62	J	0.0203	0.101	mg/kg	J		J	*#	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-50-8	COPPER	4.44		0.0669	0.405	mg/kg					MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-62-2	VANADIUM	26.8	J	0.0223	0.101	mg/kg	J		J	Q, *#	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	6020	12/30/2010	NA	3050B	DE040	5.1	2	7440-66-6	ZINC	42.6	J	0.567	3.04	mg/kg	J		J	E, *#	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	7199	1/19/2011		3060A	DE040	5.1	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.21	1.1	mg/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	7471A	12/21/2010	NA	METHOD	DE040	5.1	1	7439-97-6	MERCURY	0.101	U	0.0029	0.101	mg/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	1024-57-3	HEPTACHLOR EPOXIDE	0.17	R	0.036	0.17	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	1031-07-8	ENDOSULFAN SULFATE	0.36	R	0.070	0.36	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	2385-85-5	MIREX	0.36	R	0.070	0.36	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	309-00-2	ALDRIN	0.17	R	0.070	0.17	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	319-84-6	ALPHA-BHC	0.17	R	0.036	0.17	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	319-85-7	BETA-BHC	0.17	R	0.16	0.17	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	319-86-8	DELTA-BHC	0.81	J	0.038	0.17	ug/kg	J		J	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	33213-65-9	ENDOSULFAN II	0.36	R	0.070	0.36	ug/kg	R	U	R	S, L	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	50-29-3	4,4'-DDT	0.62	J	0.070	0.36	ug/kg	J		J	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	53494-70-5	ENDRIN KETONE	0.36	R	0.070	0.36	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	57-74-9	Chlordane	3.6	R	0.84	3.6	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	58-89-9	gamma-BHC (Lindane)	1.3	J	0.036	0.17	ug/kg	J		J	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	60-57-1	DIELDRIN	0.36	R	0.070	0.36	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	72-20-8	ENDRIN	0.36	R	0.070	0.36	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	72-43-5	METHOXYCHLOR	1.7	R	0.36	1.7	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	72-54-8	4,4'-DDD	0.36	R	0.070	0.36	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	72-55-9	4,4'-DDE	0.18	J	0.070	0.36	ug/kg	J	J	J	S, Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	7421-93-4	ENDRIN ALDEHYDE	0.36	R	0.070	0.36	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	76-44-8	HEPTACHLOR	0.17	R	0.063	0.17	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	8001-35-2	TOXAPHENE	7	R	2.3	7.0	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8081A	1/13/2011		3550B	DE040	5.1	1	959-98-8	ENDOSULFAN I	0.17	R	0.046	0.17	ug/kg	R	U	R	S	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	11096-82-5	AROCLOR 1260	36	U	7.0	36	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	11097-69-1	AROCLOR 1254	36	U	7.0	36	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	11100-14-4	Aroclor 1268	36	U	7.0	36	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	11104-28-2	AROCLOR 1221	36	U	11	36	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	11126-42-4	Aroclor 5460	70	U	21	70	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	11141-16-5	AROCLOR 1232	36	U	11	36	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	12642-23-8	Aroclor 5442	70	U	21	70	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	12672-29-6	AROCLOR 1248	36	U	7.0	36	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	12674-11-2	AROCLOR 1016	36	U	7.0	36	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	37324-23-5	Aroclor 1262	36	U	7.0	36	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	53469-21-9	AROCLOR 1242	36	U	11	36	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8082	12/29/2010		3550B	DE040	5.1	20	63496-31-1	Aroclor 5432	70	U	21	70	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8151A	12/31/2010		3550B	DE040	5.1	1	120-36-5	DICHLOROPROP	1.8	U	0.84	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8151A	12/31/2010		3550B	DE040	5.1	1	1918-00-9	DICAMBA	1.3	U	0.42	1.3	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8151A	12/31/2010		3550B	DE040	5.1	1	75-99-0	DALAPON	9.5	U	4.6	9.5	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8151A	12/31/2010		3550B	DE040	5.1	1	88-85-7	DINOSEB	2.5	R	0.84	2.5	ug/kg	R	U	R	L	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8151A	12/31/2010		3550B	DE040	5.1	1	93-65-2	MCPP	370		79	260	ug/kg					MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8151A	12/31/2010		3550B	DE040	5.1	1	93-72-1	2,4,5-TP (Silvex)	0.18	U	0.079	0.18	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8151A	12/31/2010		3550B	DE040	5.1	1	93-76-5	2,4,5-T	0.18	U	0.18	0.18	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8151A	12/31/2010		3550B	DE040	5.1	1	94-74-6	MCPA	280	U	280	280	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8151A	12/31/2010		3550B	DE040	5.1	1	94-75-7	2,4-D	3.8	U	1.3	3.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8151A	12/31/2010		3550B	DE040	5.1	1	94-82-6	2,4-DB	4.7	U	4.7	4.7	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	100-01-6	4-NITROANILINE	180	U	70	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	100-02-7	4-NITROPHENOL	530	U	180	530	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	100-51-6	BENZYL ALCOHOL	530	U	180	530	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	105-67-9	2,4-DIMETHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	106-44-5	4-METHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	106-46-7	1,4-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	106-47-8	4-CHLOROANILINE	180	U	70	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	108-68-9	3,5-Dimethylphenol	180	U	35	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	108-95-2	PHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	J	18	350	ug/kg	J	J	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	118-74-1	HEXACHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	120-82-1	1,2,4-TRICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	120-83-2	2,4-DICHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	121-14-2	2,4-DINITROTOLUENE	180	U	35	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	132-64-9	DIBENZOFURAN	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	51-28-5	2,4-DINITROPHENOL	2100	U	700	2100	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	530	U	180	530	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	541-73-1	1,3-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	59-50-7	4-CHLORO-3-METHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	606-20-2	2,6-DINITROTOLUENE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	62-53-3	ANILINE	530	U	180	530	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	65-85-0	BENZOIC ACID	530	U	180	530	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	67-72-1	HEXACHLOROETHANE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	180	U	35	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	530	U	180	530	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	78-59-1	ISOPHORONE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	86-30-6	N-NITROSODIPHENYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	86-74-8	CARBAZOLE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	87-68-3	HEXACHLOROBUTADIENE	180	U	70	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	87-86-5	PENTACHLOROPHENOL	530	U	180	530	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	88-06-2	2,4,6-TRICHLOROPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	88-74-4	2-NITROANILINE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	88-75-5	2-NITROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	91-58-7	2-CHLORONAPHTHALENE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	91-94-1	3,3'-DICHLOROBENZIDINE	350	U	110	350	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	92-87-5	BENZIDINE	3500	U	1200	3500	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	95-48-7	2-METHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	95-50-1	1,2-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	95-57-8	2-CHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	95-95-4	2,4,5-TRICHLOROPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	98-95-3	NITROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C	1/16/2011		3550B	DE040	5.1	1	99-09-2	3-NITROANILINE	180	U	35	180	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	131-11-3	Dimethylphthalate	19	U	6.3	19	ug/kg		U			MDL	PQL	6348258.621	1910011.414

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	218-01-9	CHRYSENE	0.62	J	0.35	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	62-75-9	N-NITROSODIMETHYLAMINE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	84-66-2	Diethylphthalate	19	U	6.3	19	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	85-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	85-68-7	Butylbenzylphthalate	19	U	6.3	19	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	86-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	91-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	8270C SIM	1/5/2011		3550B	DE040	5.1	1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg		U			MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	9045M	12/17/2010		Gen Prep	DE040	5.1	1	pH	PH	6.92		0.0100	0.0100	pH unit					MDL	PQL	6348258.621	1910011.414
SED-021-SIV-SD-0.0-0.5	12/15/2010	N	0	0.5	ft bgs	SE	SED		6166079	ASTM D1498	12/17/2010		Gen Prep	DE040	5.1	1	REDOX	Oxidation Reduction Potential	469		10.0	10.0	mv					MDL	PQL	6348258.621	1910011.414
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	160.3M	12/16/2010		Gen Prep	DX023	7.6	1	MOIST	MOISTURE	7.6		0.50	0.50	%					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	86-73-7	FLUORENE	1.8	UJ	0.72	1.8	ug/kg	UJ	U	UJ	L	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	90-12-0	1-METHYLNAPHTHALENE	1.4	J	0.72	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	91-20-3	NAPHTHALENE	2.6		0.72	1.8	ug/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	91-57-6	2-METHYLNAPHTHALENE	1.6	J	0.72	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	9045M	12/16/2010	NA	Gen Prep	DE039	7.6	1	pH	PH	7.07		0.0100	0.0100	pH unit					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	ASTM D1498	12/16/2010	NA	Gen Prep	DE039	7.6	1	REDOX	Oxidation Reduction Potential	453		10.0	10.0	mv					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	1746-01-6	2,3,7,8-TCDD	0.184	J	0.0335	1.08	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	19408-74-3	1,2,3,7,8,9-HXCDD	1.93	J	0.0527	5.41	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	3268-87-9	OCDD	1310		0.113	10.8	ng/kg		B			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	136		0.172	5.41	ng/kg		B			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	39001-02-0	OCDF	80.4		0.0560	10.8	ng/kg		B			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.986	J	0.0528	5.41	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	40321-76-4	1,2,3,7,8-PECDD	0.532	J	0.0801	5.41	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	51207-31-9	2,3,7,8-TCDF	0.473	J	0.0584	1.08	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	2.68	J	0.0724	5.41	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	57117-31-4	2,3,4,7,8-PECDF	0.792	J	0.0267	5.41	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	57117-41-6	1,2,3,7,8-PECDF	0.657	J	0.0258	5.41	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	57117-44-9	1,2,3,6,7,8-HXCDF	1.06	J	0.0385	5.41	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	57653-85-7	1,2,3,6,7,8-HXCDD	5.6		0.0543	5.41	ng/kg		B			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	60851-34-5	2,3,4,6,7,8-HXCDF	1.35	J	0.0424	5.41	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	29.1		0.0382	5.41	ng/kg		B			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.858	J	0.0446	5.41	ng/kg	J	JB	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164978	1613B	1/15/2011		METHOD	DX023	7.6	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.41	U	0.0553	5.41	ng/kg	U	JB	U	B, Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	160.3M	12/16/2010	NA	Gen Prep	DE039	7.6	1	MOIST	MOISTURE	7.6		0.50	0.50	%					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	300.0	1/8/2011	NA	METHOD	DE039	7.6	1	16984-48-8	FLUORIDE	1.1		0.87	1.1	mg/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	314.0	1/6/2011	NA	METHOD	DE039	7.6	1	14797-73-0	PERCHLORATE	32.5	U	9.7	32.5	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7429-90-5	ALUMINUM	10800		5.34	21.2	mg/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7439-89-6	IRON	19400		5.00	21.2	mg/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7439-93-2	LITHIUM	24.1	J	0.23	2.1	mg/kg	J		J	*#	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7439-95-4	MAGNESIUM	4750		2.70	10.6	mg/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7439-96-5	MANGANESE	293		0.0828	0.531	mg/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7440-09-7	POTASSIUM	3120	J	19.1	53.1	mg/kg	J		J	Q, *#	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7440-23-5	SODIUM	79.9	J	39.6	106	mg/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7440-24-6	STRONTIUM	16.3		0.0658	0.531	mg/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7440-31-5	TIN	10.6	U	1.06	10.6	mg/kg	U	J	U	B, Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7440-32-6	TITANIUM	1200		0.403	1.06	mg/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7440-42-8	BORON	4.54	J	0.944	5.31	mg/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7440-67-7	Zirconium	0.9	J	0.891	5.31	mg/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7440-70-2	CALCIUM	3690		6.50	21.2	mg/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6010B	12/22/2010	NA	3050B	DE039	7.6	1	7723-14-0	PHOSPHORUS	390	J	0.594	10.6	mg/kg	J		J	Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/28/2010	NA	3050B	DE039	7.6	2	7439-92-1	LEAD	10.5	J	0.0110	0.212	mg/kg	J		J	E, Q, *#	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7782-49-2	SELENIUM	0.184	J	0.0424	0.424	mg/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7439-98-7	MOLYBDENUM	0.611	J	0.0531	0.106	mg/kg	J		J	Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-39-3	BARIUM	110	J	0.115	0.424	mg/kg	J		J	E, *#	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-02-0	NICKEL	12.6	J	0.106	0.424	mg/kg	J		J	E, Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-22-4	SILVER	0.0842	J	0.0127	0.106	mg/kg	J	J	J	Q, Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-28-0	THALLIUM	0.377	J	0.0318	0.106	mg/kg	J		J	Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-36-0	ANTIMONY	0.246	U	0.0637	0.246	mg/kg	U		U	B	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-38-2	ARSENIC	5.23	J	0.0637	0.424	mg/kg	J		J	E, Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-41-7	BERYLLIUM	0.438	J	0.0170	0.106	mg/kg	J		J	Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-43-9	CADMIUM	0.358	UJ	0.0382	0.358	mg/kg	UJ		UJ	B, Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-47-3	CHROMIUM	22.4	J	0.127	0.424	mg/kg	J		J	E, Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-48-4	COBALT	8.04	J	0.0212	0.106	mg/kg	J		J	Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-50-8	COPPER	9.68	J	0.0700	0.424	mg/kg	J		J	E, Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-62-2	VANADIUM	44.8	J	0.0233	0.106	mg/kg	J		J	E, Q	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	6020	12/26/2010	NA	3050B	DE039	7.6	2	7440-66-6	ZINC	99	J	0.594	3.18	mg/kg	J		J	E, *#	MDL	PQL	6348181.673	1910240.482

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	7199	1/4/2011	NA	3060A	DE039	7.6	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.22	1.1	mg/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	7471A	12/20/2010	NA	METHOD	DE039	7.6	1	7439-97-6	MERCURY	0.022	J	0.0029	0.102	mg/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	1024-57-3	HEPTACHLOR EPOXIDE	1.8	U	0.37	1.8	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	1031-07-8	ENDOSULFAN SULFATE	3.7	U	0.71	3.7	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	2385-85-5	MIREX	3.7	U	0.71	3.7	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	309-00-2	ALDRIN	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	319-84-6	ALPHA-BHC	1.8	U	0.37	1.8	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	319-85-7	BETA-BHC	1.8	U	0.65	1.8	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	319-86-8	DELTA-BHC	2.6	J	0.39	1.8	ug/kg	J		J	*#	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	33213-65-9	ENDOSULFAN II	3.7	U	0.71	3.7	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	50-29-3	4,4'-DDT	1.6	J	0.71	3.7	ug/kg	J	J	J	Z, *#	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	53494-70-5	ENDRIN KETONE	3.7	U	0.71	3.7	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	57-74-9	Chlordane	37	U	8.7	37	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	58-89-9	gamma-BHC (Lindane)	2.7	J	0.37	1.8	ug/kg	J		J	*#	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	60-57-1	DIELDRIN	3.7	U	0.71	3.7	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	72-20-8	ENDRIN	3.7	U	0.71	3.7	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	72-43-5	METHOXYCHLOR	18	U	3.7	18	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	72-54-8	4,4'-DDD	3.7	U	0.71	3.7	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	72-55-9	4,4'-DDE	0.96	J	0.71	3.7	ug/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	7421-93-4	ENDRIN ALDEHYDE	1.8	J	0.71	3.7	ug/kg	J	J	J	Z, *#	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	76-44-8	HEPTACHLOR	1.8	U	0.65	1.8	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	8001-35-2	TOXAPHENE	71	U	24	71	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8081A	12/29/2010	NA	3550B	DE039	7.6	10	959-98-8	ENDOSULFAN I	1.8	U	0.48	1.8	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	11096-82-5	AROCLOR 1260	37	U	7.1	37	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	11097-69-1	AROCLOR 1254	37	U	7.1	37	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	11100-14-4	Aroclor 1268	37	U	7.1	37	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	11104-28-2	AROCLOR 1221	37	U	11	37	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	11126-42-4	Aroclor 5460	71	UJ	22	71	ug/kg	UJ	U	UJ	L	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	11141-16-5	AROCLOR 1232	37	U	11	37	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	12642-23-8	Aroclor 5442	71	UJ	22	71	ug/kg	UJ	U	UJ	L	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	12672-29-6	AROCLOR 1248	37	U	7.1	37	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	12674-11-2	AROCLOR 1016	37	U	7.1	37	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	37324-23-5	Aroclor 1262	37	U	7.1	37	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	53469-21-9	AROCLOR 1242	37	U	11	37	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8082	12/28/2010	NA	3550B	DE039	7.6	20	63496-31-1	Aroclor 5432	71	UJ	22	71	ug/kg	UJ	U	UJ	L	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8151A	1/5/2011	NA	3550B	DE039	7.6	1	93-72-1	2,4,5-TP (Silvex)	0.84	U	0.84	0.84	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8151A	12/29/2010	NA	3550B	DE039	7.6	1	120-36-5	DICHLOROPROP	1.8	U	0.87	1.8	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8151A	12/29/2010	NA	3550B	DE039	7.6	1	1918-00-9	DICAMBA	1.3	U	0.43	1.3	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8151A	12/29/2010	NA	3550B	DE039	7.6	1	75-99-0	DALAPON	9.7	UJ	4.8	9.7	ug/kg	UJ	U	UJ	C	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8151A	12/29/2010	NA	3550B	DE039	7.6	1	88-85-7	DINOSEB	2.6	R	0.87	2.6	ug/kg	R	U	R	L, C	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8151A	12/29/2010	NA	3550B	DE039	7.6	1	93-65-2	MCPP	270	U	81	270	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8151A	12/29/2010	NA	3550B	DE039	7.6	1	93-76-5	2,4,5-T	0.38	J	0.089	0.18	ug/kg	J		J	S, *#	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8151A	12/29/2010	NA	3550B	DE039	7.6	1	94-74-6	MCPA	1800	J	82	270	ug/kg	J		J	S, C	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8151A	12/29/2010	NA	3550B	DE039	7.6	1	94-75-7	2,4-D	3.9	U	1.3	3.9	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8151A	12/29/2010	NA	3550B	DE039	7.6	1	94-82-6	2,4-DB	14	U	14	14	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	100-01-6	4-NITROANILINE	180	U	72	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	100-02-7	4-NITROPHENOL	540	U	180	540	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	100-51-6	BENZYL ALCOHOL	540	U	180	540	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	105-67-9	2,4-DIMETHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	106-44-5	4-METHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	106-46-7	1,4-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	106-47-8	4-CHLOROANILINE	180	U	72	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	108-68-9	3,5-Dimethylphenol	180	U	36	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	108-95-2	PHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	118-74-1	HEXACHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	120-82-1	1,2,4-TRICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	120-83-2	2,4-DICHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	121-14-2	2,4-DINITROTOLUENE	180	U	36	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	132-64-9	DIBENZOFURAN	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	51-28-5	2,4-DINITROPHENOL	2200	U	720	2200	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	540	U	180	540	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	541-73-1	1,3-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	59-50-7	4-CHLORO-3-METHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	606-20-2	2,6-DINITROTOLUENE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	62-53-3	ANILINE	540	U	180	540	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	65-85-0	BENZOIC ACID	540	U	180	540	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	67-72-1	HEXACHLOROETHANE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	180	U	36	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	540	U	180	540	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	78-59-1	ISOPHORONE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	86-30-6	N-NITROSODIPHENYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	86-74-8	CARBAZOLE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	87-68-3	HEXACHLOROBUTADIENE	180	U	72	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	87-86-5	PENTACHLOROPHENOL	540	U	180	540	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	88-06-2	2,4,6-TRICHLOROPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	88-74-4	2-NITROANILINE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	88-75-5	2-NITROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	91-58-7	2-CHLORONAPHTHALENE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	91-94-1	3,3'-DICHLOROBENZIDINE	360	U	110	360	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	92-87-5	BENZIDINE	3600	U	1300	3600	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	95-48-7	2-METHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	95-50-1	1,2-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	95-57-8	2-CHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	95-95-4	2,4,5-TRICHLOROPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	98-95-3	NITROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C	1/14/2011	NA	3550B	DE039	7.6	1	99-09-2	3-NITROANILINE	180	U	36	180	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20		6.5	19	ug/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	117-84-0	Di-n-octylphthalate	19	U	6.5	19	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	120-12-7	ANTHRACENE	0.68	J	0.36	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	129-00-0	PYRENE	10		0.72	1.8	ug/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	131-11-3	Dimethylphthalate	19	U	6.5	19	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	191-24-2	BENZO(G,H,I)PERYLENE	1.2	J	0.72	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.1	J	0.72	1.8	ug/kg	J	J	J	L, Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	205-99-2	BENZO(B)FLUORANTHENE	4.7		0.72	1.8	ug/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	206-44-0	FLUORANTHENE	16	J	0.72	1.8	ug/kg	J		J	L	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	207-08-9	BENZO(K)FLUORANTHENE	2.1		0.72	1.8	ug/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	208-96-8	ACENAPHTHYLENE	0.72	J	0.36	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	218-01-9	CHRYSENE	5.6	J	0.36	1.8	ug/kg	J		J	L	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	50-32-8	BENZO(A)PYRENE	1.4	J	0.72	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	UJ	0.72	1.8	ug/kg	UJ	U	UJ	L	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	56-55-3	BENZO(A)ANTHRACENE	1.2	J	0.72	1.8	ug/kg	J	J	J	Z	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	62-75-9	N-NITROSODIMETHYLAMINE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	83-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	84-66-2	Diethylphthalate	19	UJ	6.5	19	ug/kg	UJ	U	UJ	L	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	84-74-2	Di-n-butylphthalate	19	UJ	6.5	19	ug/kg	UJ	U	UJ	L	MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	85-01-8	PHENANTHRENE	16		0.72	1.8	ug/kg					MDL	PQL	6348181.673	1910240.482
SED-022-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164950	8270C SIM	1/4/2011	NA	3550B	DE039	7.6	1	85-68-7	Butylbenzylphthalate	19	U	6.5	19	ug/kg		U			MDL	PQL	6348181.673	1910240.482
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	160.3M	12/16/2010	NA	Gen Prep	DE039	10.8	1	MOIST	MOISTURE	10.8		0.50	0.50	%					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	300.0	1/8/2011	NA	METHOD	DE039	10.8	1	16984-48-8	FLUORIDE	1.1	U	0.90	1.1	mg/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	314.0	1/6/2011	NA	METHOD	DE039	10.8	1	14797-73-0	PERCHLORATE	33.6	U	10.1	33.6	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7429-90-5	ALUMINUM	10800		5.47	21.8	mg/kg					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7439-89-6	IRON	19900		5.13	21.8	mg/kg					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7439-93-2	LITHIUM	22.7	J	0.24	2.2	mg/kg	J		J	*#	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7439-95-4	MAGNESIUM	5070		2.76	10.9	mg/kg					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7439-96-5	MANGANESE	297		0.0849	0.544	mg/kg					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7440-09-7	POTASSIUM	3290	J	19.6	54.4	mg/kg	J		J	Q, *#	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7440-23-5	SODIUM	67.3	J	40.6	109	mg/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7440-24-6	STRONTIUM	15.5		0.0675	0.544	mg/kg					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7440-31-5	TIN	10.9	U	1.09	10.9	mg/kg	U	J	U	B, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7440-32-6	TITANIUM	1250		0.414	1.09	mg/kg					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7440-42-8	BORON	4.1	J	0.969	5.44	mg/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7440-67-7	Zirconium	1.16	J	0.914	5.44	mg/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7440-70-2	CALCIUM	4000		6.67	21.8	mg/kg					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6010B	12/22/2010	NA	3050B	DE039	10.8	1	7723-14-0	PHOSPHORUS	405	J	0.610	10.9	mg/kg	J		J	Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/28/2010	NA	3050B	DE039	10.8	2	7439-92-1	LEAD	14.2	J	0.0115	0.222	mg/kg	J		J	E, Q, *#	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7782-49-2	SELENIUM	0.313	J	0.0444	0.444	mg/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7439-98-7	MOLYBDENUM	0.678	J	0.0555	0.111	mg/kg	J		J	Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-39-3	BARIUM	122	J	0.120	0.444	mg/kg	J		J	E, *#	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-02-0	NICKEL	14	J	0.111	0.444	mg/kg	J		J	E, Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-22-4	SILVER	0.0467	J	0.0133	0.111	mg/kg	J	J	J	Q, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-28-0	THALLIUM	0.357	J	0.0333	0.111	mg/kg	J		J	Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-36-0	ANTIMONY	0.235	U	0.0666	0.235	mg/kg	U		U	B	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-38-2	ARSENIC	6.07	J	0.0666	0.444	mg/kg	J		J	E, Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-41-7	BERYLLIUM	0.472	J	0.0178	0.111	mg/kg	J		J	Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-43-9	CADMIUM	0.216	UJ	0.0400	0.216	mg/kg	UJ		UJ	B, Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-47-3	CHROMIUM	23.2	J	0.133	0.444	mg/kg	J		J	E, Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-48-4	COBALT	7.05	J	0.0222	0.111	mg/kg	J		J	Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-50-8	COPPER	10.5	J	0.0733	0.444	mg/kg	J		J	E, Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-62-2	VANADIUM	48.9	J	0.0244	0.111	mg/kg	J		J	E, Q	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	6020	12/26/2010	NA	3050B	DE039	10.8	2	7440-66-6	ZINC	93.4	J	0.622	3.33	mg/kg	J		J	E, *#	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	7199	1/4/2011	NA	3060A	DE039	10.8	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.22	1.1	mg/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	7471A	12/20/2010	NA	METHOD	DE039	10.8	1	7439-97-6	MERCURY	0.0082	J	0.0031	0.109	mg/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	1024-57-3	HEPTACHLOR EPOXIDE	0.93	U	0.19	0.93	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	1031-07-8	ENDOSULFAN SULFATE	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	2385-85-5	MIREX	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	309-00-2	ALDRIN	0.93	U	0.37	0.93	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	319-84-6	ALPHA-BHC	0.93	U	0.19	0.93	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	319-85-7	BETA-BHC	0.93	U	0.34	0.93	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	319-86-8	DELTA-BHC	0.26	J	0.20	0.93	ug/kg	J	J	J	Z, *#	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	33213-65-9	ENDOSULFAN II	1.9	U	0.40	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	50-29-3	4,4'-DDT	1.9	U	1.5	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	53494-70-5	ENDRIN KETONE	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	57-74-9	Chlordane	19	U	4.5	19	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	58-89-9	gamma-BHC (Lindane)	0.93	U	0.19	0.93	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	60-57-1	DIELDRIN	1.9	U	0.55	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	72-20-8	ENDRIN	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	72-43-5	METHOXYCHLOR	9.3	U	1.9	9.3	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	72-54-8	4,4'-DDD	1.9	U	0.43	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	72-55-9	4,4'-DDE	1.9	U	0.55	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	7421-93-4	ENDRIN ALDEHYDE	1.9	U	1.3	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	76-44-8	HEPTACHLOR	0.56	J	0.34	0.93	ug/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	8001-35-2	TOXAPHENE	37	U	12	37	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8081A	12/29/2010	NA	3550B	DE039	10.8	5	959-98-8	ENDOSULFAN I	0.93	U	0.25	0.93	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	11096-82-5	AROCLOR 1260	0.7	J	0.37	1.9	ug/kg	J	J	J	S, Z, *#	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	11097-69-1	AROCLOR 1254	1.4	J	0.37	1.9	ug/kg	J	J	J	S, Z, *#	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	11100-14-4	Aroclor 1268	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	11104-28-2	AROCLOR 1221	1.9	U	0.56	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	11126-42-4	Aroclor 5460	3.7	UJ	1.1	3.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	11141-16-5	AROCLOR 1232	1.9	U	0.58	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	12642-23-8	Aroclor 5442	3.7	UJ	1.1	3.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	12672-29-6	AROCLOR 1248	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	12674-11-2	AROCLOR 1016	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	37324-23-5	Aroclor 1262	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	53469-21-9	AROCLOR 1242	1.9	U	0.56	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8082	12/28/2010	NA	3550B	DE039	10.8	1	63496-31-1	Aroclor 5432	3.7	UJ	1.1	3.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8151A	1/5/2011	NA	3550B	DE039	10.8	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.084	0.19	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8151A	12/29/2010	NA	3550B	DE039	10.8	1	120-36-5	DICHLOROPROP	1.9	U	0.90	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8151A	12/29/2010	NA	3550B	DE039	10.8	1	1918-00-9	DICAMBA	0.69	J	0.45	1.3	ug/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8151A	12/29/2010	NA	3550B	DE039	10.8	1	75-99-0	DALAPON	10	UJ	4.9	10	ug/kg	UJ	U	UJ	C	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8151A	12/29/2010	NA	3550B	DE039	10.8	1	88-85-7	DINOSEB	2.7	R	0.90	2.7	ug/kg	R	U	R	L, C	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8151A	12/29/2010	NA	3550B	DE039	10.8	1	93-65-2	MCPP	280	U	84	280	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8151A	12/29/2010	NA	3550B	DE039	10.8	1	93-76-5	2,4,5-T	0.19	U	0.092	0.19	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8151A	12/29/2010	NA	3550B	DE039	10.8	1	94-74-6	MCPA	280	UJ	85	280	ug/kg	UJ	U	UJ	C	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8151A	12/29/2010	NA	3550B	DE039	10.8	1	94-75-7	2,4-D	4	U	1.3	4.0	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8151A	12/29/2010	NA	3550B	DE039	10.8	1	94-82-6	2,4-DB	14		0.70	1.9	ug/kg					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	100-01-6	4-NITROANILINE	190	U	75	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	100-02-7	4-NITROPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	100-51-6	BENZYL ALCOHOL	560	U	190	560	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	106-44-5	4-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	106-47-8	4-CHLOROANILINE	190	U	75	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	108-68-9	3,5-Dimethylphenol	190	U	37	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	121-14-2	2,4-DINITROTOLUENE	190	U	37	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	51-28-5	2,4-DINITROPHENOL	2200	U	750	2200	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	62-53-3	ANILINE	560	U	190	560	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	65-85-0	BENZOIC ACID	560	U	190	560	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	37	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	560	U	190	560	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	87-68-3	HEXACHLOROBUTADIENE	190	U	75	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	87-86-5	PENTACHLOROPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	91-94-1	3,3'-DICHLOROBENZIDINE	370	U	110	370	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	92-87-5	BENZIDINE	3700	U	1300	3700	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	95-48-7	2-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C	1/14/2011	NA	3550B	DE039	10.8	1	99-09-2	3-NITROANILINE	190	U	37	190	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	8.4	J	6.7	20	ug/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	117-84-0	Di-n-octylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	120-12-7	ANTHRACENE	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	129-00-0	PYRENE	1.1	J	0.75	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	131-11-3	Dimethylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	UJ	0.75	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	205-99-2	BENZO(B)FLUORANTHENE	1.3	J	0.75	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	206-44-0	FLUORANTHENE	1.1	J	0.75	1.9	ug/kg	J	J	J	L, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	218-01-9	CHRYSENE	1.4	J	0.37	1.9	ug/kg	J	J	J	L, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	UJ	0.75	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	83-32-9	ACENAPHTHENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	84-66-2	Diethylphthalate	20	UJ	6.7	20	ug/kg	UJ	U	UJ	L	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	84-74-2	Di-n-butylphthalate	20	UJ	6.7	20	ug/kg	UJ	U	UJ	L	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	85-01-8	PHENANTHRENE	1.6	J	0.75	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	85-68-7	Butylbenzylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	86-73-7	FLUORENE	1.9	UJ	0.75	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	91-20-3	NAPHTHALENE	1.6	J	0.75	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	8270C SIM	1/4/2011	NA	3550B	DE039	10.8	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.75	1.9	ug/kg		U			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	9045M	12/16/2010	NA	Gen Prep	DE039	10.8	1	pH	PH	7.02		0.0100	0.0100	pH unit					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164949	ASTM D1498	12/16/2010	NA	Gen Prep	DE039	10.8	1	REDOX	Oxidation Reduction Potential	444		10.0	10.0	mv					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	160.3M	12/16/2010		Gen Prep	DX023	10.8	1	MOIST	MOISTURE	10.8		0.50	0.50	%					MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	39227-28-6	1,2,3,4,7,8-HxCDD	5.61	U	0.0243	5.61	ng/kg	U	JB	U	B, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	40321-76-4	1,2,3,7,8-PECDD	5.61	U	0.0496	5.61	ng/kg	U	JB	U	B, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	51207-31-9	2,3,7,8-TCDF	0.366	J	0.0478	1.12	ng/kg	J	JBQ	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.61	U	0.0270	5.61	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	57117-31-4	2,3,4,7,8-PECDF	0.57	J	0.0187	5.61	ng/kg	J	JB	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	57117-41-6	1,2,3,7,8-PECDF	0.307	J	0.0185	5.61	ng/kg	J	JBQ	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.61	U	0.0149	5.61	ng/kg	U	JB	U	B, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.421	J	0.0252	5.61	ng/kg	J	JB	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.61	U	0.0169	5.61	ng/kg	U	JB	U	B, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.994	J	0.0165	5.61	ng/kg	J	JB	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.61	U	0.0177	5.61	ng/kg	U	JB	U	B, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.61	U	0.0192	5.61	ng/kg	U	JB	U	B, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	1746-01-6	2,3,7,8-TCDD	1.12	U	0.0315	1.12	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.391	J	0.0233	5.61	ng/kg	J	JB	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	3268-87-9	OCDD	29.8		0.0323	11.2	ng/kg		B			MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	5.1	J	0.0324	5.61	ng/kg	J	JB	J	Z	MDL	PQL	6348246.091	1910319.009
SED-023-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164977	1613B	1/15/2011		METHOD	DX023	10.8	1	39001-02-0	OCDF	11.2	U	0.0288	11.2	ng/kg	U	JB	U	B, Z	MDL	PQL	6348246.091	1910319.009
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	160.3M	12/16/2010		Gen Prep	DX023	12.8	1	MOIST	MOISTURE	12.8		0.50	0.50	%					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	1746-01-6	2,3,7,8-TCDD	1.15	U	0.0249	1.15	ng/kg	U	JB	U	B, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.43	J	0.0267	5.73	ng/kg	J	JB	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	3268-87-9	OCDD	32		0.0354	11.5	ng/kg		B			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	5	J	0.0328	5.73	ng/kg	J	JB	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	39001-02-0	OCDF	2.24	J	0.0292	11.5	ng/kg	J	JB	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	39227-28-6	1,2,3,4,7,8-HxCDD	5.73	U	0.0253	5.73	ng/kg	U	JB	U	B, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	40321-76-4	1,2,3,7,8-PECDD	5.73	U	0.0529	5.73	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	51207-31-9	2,3,7,8-TCDF	0.324	J	0.0493	1.15	ng/kg	J	JB	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.73	U	0.0294	5.73	ng/kg	U	JB	U	B, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	57117-31-4	2,3,4,7,8-PECDF	0.583	J	0.0243	5.73	ng/kg	J	JB	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	57117-41-6	1,2,3,7,8-PECDF	0.275	J	0.0205	5.73	ng/kg	J	JB	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.73	U	0.0143	5.73	ng/kg	U	JB	U	B, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.441	J	0.0267	5.73	ng/kg	J	JB	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.73	U	0.0158	5.73	ng/kg	U	JB	U	B, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.22	J	0.0167	5.73	ng/kg	J	JB	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.73	U	0.0170	5.73	ng/kg	U	JB	U	B, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164976	1613B	1/15/2011		METHOD	DX023	12.8	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.73	U	0.0208	5.73	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	160.3M	12/16/2010	NA	Gen Prep	DE039	12.8	1	MOIST	MOISTURE	12.8		0.50	0.50	%					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	300.0	1/8/2011	NA	METHOD	DE039	12.8	1	16984-48-8	FLUORIDE	1.3		0.92	1.1	mg/kg					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	314.0	1/6/2011	NA	METHOD	DE039	12.8	1	14797-73-0	PERCHLORATE	34.4	U	10.3	34.4	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7429-90-5	ALUMINUM	11500		5.66	22.5	mg/kg					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7439-89-6	IRON	22600		5.30	22.5	mg/kg					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7439-93-2	LITHIUM	24.5	J	0.25	2.2	mg/kg	J		J	*#	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7439-95-4	MAGNESIUM	5470		2.86	11.2	mg/kg					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7439-96-5	MANGANESE	309		0.0877	0.562	mg/kg					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7440-09-7	POTASSIUM	3150	J	20.2	56.2	mg/kg	J		J	Q, *#	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7440-23-5	SODIUM	68.9	J	41.9	112	mg/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7440-24-6	STRONTIUM	15.2		0.0697	0.562	mg/kg					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7440-31-5	TIN	11.2	U	1.12	11.2	mg/kg	U	J	U	B, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7440-32-6	TITANIUM	1350		0.427	1.12	mg/kg					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7440-42-8	BORON	3.73	J	1.00	5.62	mg/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7440-67-7	Zirconium	1.51	J	0.944	5.62	mg/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7440-70-2	CALCIUM	3960		6.89	22.5	mg/kg					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6010B	12/22/2010	NA	3050B	DE039	12.8	1	7723-14-0	PHOSPHORUS	434	J	0.630	11.2	mg/kg	J		J	Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7782-49-2	SELENIUM	0.206	J	0.0445	0.445	mg/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7439-98-7	MOLYBDENUM	0.57	J	0.0557	0.111	mg/kg	J		J	Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-39-3	BARIUM	99.6	J	0.120	0.445	mg/kg	J		J	E, *#	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7439-92-1	LEAD	16.7	J	0.0116	0.223	mg/kg	J		J	E, Q, *#	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-02-0	NICKEL	14.2	J	0.111	0.445	mg/kg	J		J	E, Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-22-4	SILVER	0.06	J	0.0134	0.111	mg/kg	J	J	J	Q, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-28-0	THALLIUM	0.3	J	0.0334	0.111	mg/kg	J		J	Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-36-0	ANTIMONY	0.223	U	0.0668	0.223	mg/kg	U	J	U	B, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-38-2	ARSENIC	4.96	J	0.0668	0.445	mg/kg	J		J	E, Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-41-7	BERYLLIUM	0.455	J	0.0178	0.111	mg/kg	J		J	Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-43-9	CADMIUM	0.251	UJ	0.0401	0.251	mg/kg	UJ		UJ	B, Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-47-3	CHROMIUM	21.8	J	0.134	0.445	mg/kg	J		J	E, Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-48-4	COBALT	7.26	J	0.0223	0.111	mg/kg	J		J	Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-50-8	COPPER	10.3	J	0.0735	0.445	mg/kg	J		J	E, Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-62-2	VANADIUM	48.1	J	0.0245	0.111	mg/kg	J		J	E, Q	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6020	12/26/2010	NA	3050B	DE039	12.8	2	7440-66-6	ZINC	82.8	J	0.623	3.34	mg/kg	J		J	E, *#	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	6850	12/21/2010	NA	METHOD	DE039	12.8	1	14797-73-0	PERCHLORATE	5.7	U	2.4	5.7	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	7199	1/4/2011	NA	3060A	DE039	12.8	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.23	1.1	mg/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	7471A	12/20/2010	NA	METHOD	DE039	12.8	1	7439-97-6	MERCURY	0.0121	J	0.0033	0.114	mg/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	1024-57-3	HEPTACHLOR EPOXIDE	0.95	U	0.62	0.95	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	1031-07-8	ENDOSULFAN SULFATE	1.9	U	0.94	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	2385-85-5	MIREX	2.5	U	2.5	2.5	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	309-00-2	ALDRIN	0.95	U	0.38	0.95	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	319-84-6	ALPHA-BHC	0.95	U	0.19	0.95	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	319-85-7	BETA-BHC	0.95	U	0.34	0.95	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	319-86-8	DELTA-BHC	0.93	J	0.21	0.95	ug/kg	J	J	J	Z, *#	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	33213-65-9	ENDOSULFAN II	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	50-29-3	4,4'-DDT	1.9	U	1.9	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	53494-70-5	ENDRIN KETONE	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	57-74-9	Chlordane	19	U	4.6	19	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	58-89-9	gamma-BHC (Lindane)	0.95	U	0.19	0.95	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	60-57-1	DIELDRIN	1.9	U	0.65	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	72-20-8	ENDRIN	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	72-43-5	METHOXYCHLOR	9.5	U	3.1	9.5	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	72-54-8	4,4'-DDD	1.9	U	0.64	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	72-55-9	4,4'-DDE	1.9	U	0.68	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	7421-93-4	ENDRIN ALDEHYDE	1.9	U	0.99	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	76-44-8	HEPTACHLOR	0.39	J	0.34	0.95	ug/kg	J	J	J	Z, *#	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	8001-35-2	TOXAPHENE	38	U	13	38	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8081A	12/29/2010	NA	3550B	DE039	12.8	5	959-98-8	ENDOSULFAN I	0.95	U	0.25	0.95	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	11096-82-5	AROCLOR 1260	1.5	J	0.38	1.9	ug/kg	J	J	J	S, Z, *#	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	11097-69-1	AROCLOR 1254	2.4	J	0.38	1.9	ug/kg	J		J	S, *#	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	11100-14-4	Aroclor 1268	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	11104-28-2	AROCLOR 1221	1.9	U	0.57	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	11126-42-4	Aroclor 5460	3.1	J	1.1	3.8	ug/kg	J	J	J	S, L, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	11141-16-5	AROCLOR 1232	1.9	U	0.60	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	12642-23-8	Aroclor 5442	3.8	UJ	1.1	3.8	ug/kg	UJ	U	UJ	L	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	12672-29-6	AROCLOR 1248	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	12674-11-2	AROCLOR 1016	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	37324-23-5	Aroclor 1262	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	53469-21-9	AROCLOR 1242	1.9	U	0.57	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8082	12/28/2010	NA	3550B	DE039	12.8	1	63496-31-1	Aroclor 5432	3.8	UJ	1.1	3.8	ug/kg	UJ	U	UJ	L	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8151A	1/5/2011	NA	3550B	DE039	12.8	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.086	0.19	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8151A	12/29/2010	NA	3550B	DE039	12.8	1	120-36-5	DICHLOROPROP	1.9	U	0.92	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8151A	12/29/2010	NA	3550B	DE039	12.8	1	1918-00-9	DICAMBA	1	J	0.46	1.4	ug/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8151A	12/29/2010	NA	3550B	DE039	12.8	1	75-99-0	DALAPON	10	UJ	5.0	10	ug/kg	UJ	U	UJ	C	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8151A	12/29/2010	NA	3550B	DE039	12.8	1	88-85-7	DINOSEB	2.8	R	0.92	2.8	ug/kg	R	U	R	L, C	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8151A	12/29/2010	NA	3550B	DE039	12.8	1	93-65-2	MCPP	290	U	86	290	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8151A	12/29/2010	NA	3550B	DE039	12.8	1	93-76-5	2,4,5-T	0.19	U	0.094	0.19	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8151A	12/29/2010	NA	3550B	DE039	12.8	1	94-74-6	MCPA	290	UJ	87	290	ug/kg	UJ	U	UJ	C	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8151A	12/29/2010	NA	3550B	DE039	12.8	1	94-75-7	2,4-D	4.1	U	1.4	4.1	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8151A	12/29/2010	NA	3550B	DE039	12.8	1	94-82-6	2,4-DB	11	U	11	11	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	100-01-6	4-NITROANILINE	190	U	76	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	100-02-7	4-NITROPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	100-51-6	BENZYL ALCOHOL	570	U	190	570	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	106-44-5	4-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	106-47-8	4-CHLOROANILINE	190	U	76	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	108-68-9	3,5-Dimethylphenol	190	U	38	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	121-14-2	2,4-DINITROTOLUENE	190	U	38	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	51-28-5	2,4-DINITROPHENOL	2300	U	760	2300	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	62-53-3	ANILINE	570	U	190	570	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	65-85-0	BENZOIC ACID	570	U	190	570	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	38	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	570	U	190	570	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	87-68-3	HEXACHLOROBUTADIENE	190	U	76	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	87-86-5	PENTACHLOROPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	91-94-1	3,3'-DICHLOROBENZIDINE	380	U	110	380	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	92-87-5	BENZIDINE	3800	U	1300	3800	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	95-48-7	2-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C	1/14/2011	NA	3550B	DE039	12.8	1	99-09-2	3-NITROANILINE	190	U	38	190	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10	J	6.9	21	ug/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	117-84-0	Di-n-octylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	120-12-7	ANTHRACENE	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	129-00-0	PYRENE	0.95	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	131-11-3	Dimethylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	UJ	0.76	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	205-99-2	BENZO(B)FLUORANTHENE	1	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	206-44-0	FLUORANTHENE	1.2	J	0.76	1.9	ug/kg	J	J	J	L, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	218-01-9	CHRYSENE	1.1	J	0.38	1.9	ug/kg	J	J	J	L, Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	UJ	0.76	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	83-32-9	ACENAPHTHENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	84-66-2	Diethylphthalate	21	UJ	6.9	21	ug/kg	UJ	U	UJ	L	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	84-74-2	Di-n-butylphthalate	21	UJ	6.9	21	ug/kg	UJ	U	UJ	L	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	85-01-8	PHENANTHRENE	1.5	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	85-68-7	Butylbenzylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	86-73-7	FLUORENE	1.9	UJ	0.76	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	91-20-3	NAPHTHALENE	1.5	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	8270C SIM	1/4/2011	NA	3550B	DE039	12.8	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	9045M	12/16/2010	NA	Gen Prep	DE039	12.8	1	pH	PH	6.78		0.0100	0.0100	pH unit					MDL	PQL	6348466.72	1910199.056
SED-024-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164948	ASTM D1498	12/16/2010	NA	Gen Prep	DE039	12.8	1	REDOX	Oxidation Reduction Potential	463		10.0	10.0	mv					MDL	PQL	6348466.72	1910199.056
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	160.3M	12/21/2010		Gen Prep	DX022	10.4	1	MOIST	MOISTURE	10.4		0.50	0.50	%					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	1746-01-6	2,3,7,8-TCDD	1.12	U	0.0310	1.12	ng/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	19408-74-3	1,2,3,7,8,9-HXCDD	5.58	U	0.0328	5.58	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	3268-87-9	OCDD	31.4		0.0445	11.2	ng/kg		B			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	4.55	J	0.0404	5.58	ng/kg	J	JB	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	39001-02-0	OCDF	11.2	U	0.0372	11.2	ng/kg	U	JB	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	39227-28-6	1,2,3,4,7,8-HxCDD	5.58	U	0.0309	5.58	ng/kg	U	JB	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	40321-76-4	1,2,3,7,8-PECDD	5.58	U	0.0435	5.58	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	51207-31-9	2,3,7,8-TCDF	1.12	U	0.0598	1.12	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.58	U	0.0444	5.58	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	57117-31-4	2,3,4,7,8-PECDF	5.58	U	0.0227	5.58	ng/kg	U	JB	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	57117-41-6	1,2,3,7,8-PECDF	5.58	U	0.0230	5.58	ng/kg	U	JB	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.58	U	0.0244	5.58	ng/kg	U	JB	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	57653-85-7	1,2,3,6,7,8-HXCDD	5.58	U	0.0326	5.58	ng/kg	U	JB	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.58	U	0.0262	5.58	ng/kg	U	JB	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.58	U	0.0290	5.58	ng/kg	U	JB	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.58	U	0.0273	5.58	ng/kg	U	JB	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164665	1613B	1/19/2011		METHOD	DX022	10.4	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.58	U	0.0310	5.58	ng/kg	U	JB	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	300.0	1/11/2011		METHOD	DE038	10.4	1	16984-48-8	FLUORIDE	1.5		0.89	1.1	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	314.0	1/3/2011		METHOD	DE038	10.4	1	14797-73-0	PERCHLORATE	33.5	U	10.0	33.5	ug/kg		U			MDL	PQL	6348902.219	1909883.259

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/29/2010	NA	3050B	DE038	10.4	1	7439-93-2	LITHIUM	22.2		0.24	2.2	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/29/2010	NA	3050B	DE038	10.4	1	7439-95-4	MAGNESIUM	5230	J	2.75	10.8	mg/kg	J		J	E	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/29/2010	NA	3050B	DE038	10.4	1	7440-09-7	POTASSIUM	3320	J	19.5	54.2	mg/kg	J		J	E	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/29/2010	NA	3050B	DE038	10.4	1	7440-23-5	SODIUM	67.1	J	40.4	108	mg/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/29/2010	NA	3050B	DE038	10.4	1	7440-67-7	Zirconium	1.29	J	0.910	5.42	mg/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/29/2010	NA	3050B	DE038	10.4	1	7440-70-2	CALCIUM	3940	J	6.64	21.7	mg/kg	J		J	E	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/24/2010	NA	3050B	DE038	10.4	1	7429-90-5	ALUMINUM	11900		5.45	21.7	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/24/2010	NA	3050B	DE038	10.4	1	7439-89-6	IRON	19900		5.10	21.7	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/24/2010	NA	3050B	DE038	10.4	1	7439-96-5	MANGANESE	311	J	0.0845	0.542	mg/kg	J		J	Q	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/24/2010	NA	3050B	DE038	10.4	1	7440-24-6	STRONTIUM	17.9		0.0672	0.542	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/24/2010	NA	3050B	DE038	10.4	1	7440-31-5	TIN	10.8	U	1.08	10.8	mg/kg	U	J	U	B, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/24/2010	NA	3050B	DE038	10.4	1	7440-32-6	TITANIUM	1250	J	0.412	1.08	mg/kg	J		J	E, Q	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/24/2010	NA	3050B	DE038	10.4	1	7440-42-8	BORON	9.33		0.964	5.42	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6010B	12/24/2010	NA	3050B	DE038	10.4	1	7723-14-0	PHOSPHORUS	470		0.607	10.8	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/31/2010	NA	3050B	DE038	10.4	2	7440-43-9	CADMIUM	0.202		0.0394	0.109	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7782-49-2	SELENIUM	0.16	J	0.0438	0.438	mg/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7439-98-7	MOLYBDENUM	0.508		0.0547	0.109	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-39-3	BARIUM	118	J	0.118	0.438	mg/kg	J		J	*#	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7439-92-1	LEAD	14		0.0114	0.219	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-02-0	NICKEL	15.3		0.109	0.438	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-22-4	SILVER	0.04	J	0.0131	0.109	mg/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-28-0	THALLIUM	0.24		0.0328	0.109	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-36-0	ANTIMONY	0.136	J	0.0657	0.219	mg/kg	J	J	J	Q, Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-38-2	ARSENIC	4.21	J	0.0657	0.438	mg/kg	J		J	Q	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-41-7	BERYLLIUM	0.488		0.0175	0.109	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-47-3	CHROMIUM	24.1		0.131	0.438	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-48-4	COBALT	6.33	J	0.0219	0.109	mg/kg	J		J	*#	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-50-8	COPPER	10.6		0.0722	0.438	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-62-2	VANADIUM	47	J	0.0241	0.109	mg/kg	J		J	Q, *#	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	6020	12/28/2010	NA	3050B	DE038	10.4	2	7440-66-6	ZINC	70.5		0.613	3.28	mg/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	7199	1/2/2011		3060A	DE038	10.4	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.22	1.1	mg/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	7471A	12/20/2010	NA	METHOD	DE038	10.4	1	7439-97-6	MERCURY	0.0102	J	0.0031	0.110	mg/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	1024-57-3	HEPTACHLOR EPOXIDE	0.19	U	0.10	0.19	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	1031-07-8	ENDOSULFAN SULFATE	0.38	U	0.074	0.38	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	2385-85-5	MIREX	0.6	U	0.60	0.60	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	309-00-2	ALDRIN	0.19	U	0.16	0.19	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	319-84-6	ALPHA-BHC	0.19	U	0.038	0.19	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	319-85-7	BETA-BHC	0.19	U	0.067	0.19	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	319-86-8	DELTA-BHC	0.22		0.040	0.19	ug/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	33213-65-9	ENDOSULFAN II	0.66	U	0.66	0.66	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	50-29-3	4,4'-DDT	2.1	U	2.1	2.1	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	53494-70-5	ENDRIN KETONE	0.38	U	0.074	0.38	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	57-74-9	Chlordane	3.8	U	0.89	3.8	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	58-89-9	gamma-BHC (Lindane)	0.19	U	0.038	0.19	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	60-57-1	DIELDRIN	0.33	U	0.33	0.33	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	72-20-8	ENDRIN	0.38	U	0.074	0.38	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	72-43-5	METHOXYCHLOR	1.9	U	1.1	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	72-54-8	4,4'-DDD	1.5	U	1.5	1.5	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	72-55-9	4,4'-DDE	1.3	U	1.3	1.3	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	7421-93-4	ENDRIN ALDEHYDE	0.75	U	0.75	0.75	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	76-44-8	HEPTACHLOR	0.19	U	0.18	0.19	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	8001-35-2	TOXAPHENE	7.4	U	2.5	7.4	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8081A	1/11/2011		3550B	DE038	10.4	1	959-98-8	ENDOSULFAN I	0.19	U	0.18	0.19	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	11096-82-5	AROCLOR 1260	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	11097-69-1	AROCLOR 1254	1.2	J	0.37	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	11100-14-4	Aroclor 1268	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	11104-28-2	AROCLOR 1221	1.9	U	0.56	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	11126-42-4	Aroclor 5460	3.7	UJ	1.1	3.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	11141-16-5	AROCLOR 1232	1.9	U	0.58	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	12642-23-8	Aroclor 5442	3.7	UJ	1.1	3.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	12672-29-6	AROCLOR 1248	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	12674-11-2	AROCLOR 1016	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	37324-23-5	Aroclor 1262	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	53469-21-9	AROCLOR 1242	1.9	U	0.56	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8082	12/29/2010		3550B	DE038	10.4	1	63496-31-1	Aroclor 5432	3.7	UJ	1.1	3.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8151A	1/7/2011		3550B	DE038	10.4	1	120-36-5	DICHLOROPROP	1.9	U	0.89	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8151A	1/7/2011		3550B	DE038	10.4	1	1918-00-9	DICAMBA	1.3	U	0.45	1.3	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8151A	1/7/2011		3550B	DE038	10.4	1	75-99-0	DALAPON	10	U	4.9	10	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8151A	1/7/2011		3550B	DE038	10.4	1	88-85-7	DINOSEB	2.7	R	0.89	2.7	ug/kg	R	U	R	L	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8151A	1/7/2011		3550B	DE038	10.4	1	93-65-2	MCPP	280	U	84	280	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8151A	1/7/2011		3550B	DE038	10.4	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.084	0.19	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8151A	1/7/2011		3550B	DE038	10.4	1	93-76-5	2,4,5-T	0.19	U	0.092	0.19	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8151A	1/7/2011		3550B	DE038	10.4	1	94-74-6	MCPA	700		85	280	ug/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8151A	1/7/2011		3550B	DE038	10.4	1	94-75-7	2,4-D	1.4	J	1.3	4.0	ug/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8151A	1/7/2011		3550B	DE038	10.4	1	94-82-6	2,4-DB	9.2	U	9.2	9.2	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	100-01-6	4-NITROANILINE	190	U	74	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	100-02-7	4-NITROPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	100-51-6	BENZYL ALCOHOL	560	U	190	560	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	106-44-5	4-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	106-47-8	4-CHLOROANILINE	190	U	74	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	108-68-9	3,5-Dimethylphenol	190	U	37	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	370	U	19	370	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	121-14-2	2,4-DINITROTOLUENE	190	U	37	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	51-28-5	2,4-DINITROPHENOL	2200	U	740	2200	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	62-53-3	ANILINE	560	U	190	560	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	65-85-0	BENZOIC ACID	560	U	190	560	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	37	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	560	U	190	560	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	87-68-3	HEXACHLOROBUTADIENE	190	U	74	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	87-86-5	PENTACHLOROPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	91-94-1	3,3'-DICHLOROBENZIDINE	370	U	110	370	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	92-87-5	BENZIDINE	3700	U	1300	3700	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	95-48-7	2-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C	1/15/2011		3550B	DE038	10.4	1	99-09-2	3-NITROANILINE	190	U	37	190	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	117-84-0	Di-n-octylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	120-12-7	ANTHRACENE	0.42	J	0.37	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	129-00-0	PYRENE	2		0.74	1.9	ug/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	131-11-3	Dimethylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	191-24-2	BENZO(G,H,I)PERYLENE	2		0.74	1.9	ug/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	205-99-2	BENZO(B)FLUORANTHENE	1.5	J	0.74	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	206-44-0	FLUORANTHENE	1.6	J	0.74	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	218-01-9	CHRYSENE	3.4		0.37	1.9	ug/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	56-55-3	BENZO(A)ANTHRACENE	1.4	J	0.74	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	83-32-9	ACENAPHTHENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	84-66-2	Diethylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	84-74-2	Di-n-butylphthalate	7.9	J	6.7	20	ug/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	85-01-8	PHENANTHRENE	2.5		0.74	1.9	ug/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	85-68-7	Butylbenzylphthalate	8.4	J	6.7	20	ug/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	86-73-7	FLUORENE	6.9		0.74	1.9	ug/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	90-12-0	1-METHYLNAPHTHALENE	1.2	J	0.74	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	91-20-3	NAPHTHALENE	2.9		0.74	1.9	ug/kg					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	8270C SIM	1/5/2011		3550B	DE038	10.4	1	91-57-6	2-METHYLNAPHTHALENE	1.2	J	0.74	1.9	ug/kg	J	J	J	Z	MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	9045M	12/16/2010		Gen Prep	DE038	10.4	1	pH	PH	7.56		0.0100	0.0100	pH unit					MDL	PQL	6348902.219	1909883.259
SED-025-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164643	ASTM D1498	12/16/2010		Gen Prep	DE038	10.4	1	REDOX	Oxidation Reduction Potential	472		10.0	10.0	mv					MDL	PQL	6348902.219	1909883.259
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	160.3M	12/16/2010		Gen Prep	DX023	13.8	1	MOIST	MOISTURE	13.8		0.50	0.50	%					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	1746-01-6	2,3,7,8-TCDD	1.16	U	0.0133	1.16	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	19408-74-3	1,2,3,7,8,9-HXCDD	1.6	J	0.0213	5.80	ng/kg	J	JB	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	3268-87-9	OCDD	1490		0.0773	11.6	ng/kg		B			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	76.7		0.0729	5.80	ng/kg		B			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	39001-02-0	OCDF	50.3		0.0202	11.6	ng/kg		B			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.684	J	0.0223	5.80	ng/kg	J	JB	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	40321-76-4	1,2,3,7,8-PECDD	0.376	J	0.0331	5.80	ng/kg	J	JBQ	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	51207-31-9	2,3,7,8-TCDF	0.426	J	0.0383	1.16	ng/kg	J	JB	J	Z	MDL	PQL	6349776.553	1909875.692

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.727	J	0.0302	5.80	ng/kg	J	JB	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	57117-31-4	2,3,4,7,8-PECDF	0.871	J	0.0147	5.80	ng/kg	J	JB	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	57117-41-6	1,2,3,7,8-PECDF	1.91	J	0.0142	5.80	ng/kg	J	JB	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.673	J	0.0151	5.80	ng/kg	J	JB	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	57653-85-7	1,2,3,6,7,8-HXCDD	4.59	J	0.0227	5.80	ng/kg	J	JB	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.683	J	0.0173	5.80	ng/kg	J	JB	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	13.4		0.0194	5.80	ng/kg		B			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.673	J	0.0182	5.80	ng/kg	J	JB	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164984	1613B	1/17/2011		METHOD	DX023	13.8	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.8	U	0.0202	5.80	ng/kg	U	JB	U	B, Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	1024-57-3	HEPTACHLOR EPOXIDE	0.19	UJ	0.16	0.19	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	1031-07-8	ENDOSULFAN SULFATE	0.44	UJ	0.44	0.44	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	2385-85-5	MIREX	0.42	UJ	0.42	0.42	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	309-00-2	ALDRIN	0.19	U	0.077	0.19	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	319-84-6	ALPHA-BHC	0.066	J	0.039	0.19	ug/kg	J	J	J	Z, *#	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	319-85-7	BETA-BHC	0.19	U	0.070	0.19	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	319-86-8	DELTA-BHC	0.19	U	0.17	0.19	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	33213-65-9	ENDOSULFAN II	0.39	UJ	0.092	0.39	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	53494-70-5	ENDRIN KETONE	0.39	UJ	0.077	0.39	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	57-74-9	Chlordane	3.9	U	0.93	3.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	58-89-9	gamma-BHC (Lindane)	0.19	U	0.039	0.19	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	60-57-1	DIELDRIN	0.87	UJ	0.87	0.87	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	72-20-8	ENDRIN	0.39	UJ	0.077	0.39	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	72-43-5	METHOXYCHLOR	1.9	UJ	0.49	1.9	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	72-54-8	4,4'-DDD	0.39	U	0.21	0.39	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	72-55-9	4,4'-DDE	1.9	UJ	1.9	1.9	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	7421-93-4	ENDRIN ALDEHYDE	0.64	UJ	0.64	0.64	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	76-44-8	HEPTACHLOR	0.19	U	0.070	0.19	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	8001-35-2	TOXAPHENE	7.7	U	2.6	7.7	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	12/30/2010	NA	3550B	DE039	13.8	1	959-98-8	ENDOSULFAN I	0.19	UJ	0.051	0.19	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	11096-82-5	AROCLOR 1260	12	J	0.77	3.9	ug/kg	J		J	S	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	11097-69-1	AROCLOR 1254	18	J	0.77	3.9	ug/kg	J		J	S, *#	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	11100-14-4	Aroclor 1268	3.9	U	0.77	3.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	11104-28-2	AROCLOR 1221	3.9	U	1.2	3.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	11126-42-4	Aroclor 5460	22	J	2.3	7.7	ug/kg	J		J	S, L	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	11141-16-5	AROCLOR 1232	3.9	U	1.2	3.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	12642-23-8	Aroclor 5442	7.7	UJ	2.3	7.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	12672-29-6	AROCLOR 1248	17	J	0.77	3.9	ug/kg	J		J	S	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	12674-11-2	AROCLOR 1016	3.9	U	0.77	3.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	37324-23-5	Aroclor 1262	3.9	U	0.77	3.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	53469-21-9	AROCLOR 1242	3.9	U	1.2	3.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8082	12/29/2010	NA	3550B	DE039	13.8	2	63496-31-1	Aroclor 5432	7.7	UJ	2.3	7.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8151A	1/5/2011	NA	3550B	DE039	13.8	1	93-72-1	2,4,5-TP (Silvex)	0.2	U	0.087	0.20	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8151A	12/29/2010	NA	3550B	DE039	13.8	1	120-36-5	DICHLOROPROP	2	U	0.93	2.0	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8151A	12/29/2010	NA	3550B	DE039	13.8	1	1918-00-9	DICAMBA	0.57	J	0.46	1.4	ug/kg	J	J	J	S, Z, *#	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8151A	12/29/2010	NA	3550B	DE039	13.8	1	75-99-0	DALAPON	10	UJ	5.1	10	ug/kg	UJ	U	UJ	C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8151A	12/29/2010	NA	3550B	DE039	13.8	1	88-85-7	DINOSEB	2.8	R	0.93	2.8	ug/kg	R	U	R	L, C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8151A	12/29/2010	NA	3550B	DE039	13.8	1	93-65-2	MCPP	290	U	87	290	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8151A	12/29/2010	NA	3550B	DE039	13.8	1	93-76-5	2,4,5-T	0.2	U	0.20	0.20	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8151A	12/29/2010	NA	3550B	DE039	13.8	1	94-74-6	MCPA	1200	J	88	290	ug/kg	J		J	S, C	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8151A	12/29/2010	NA	3550B	DE039	13.8	1	94-75-7	2,4-D	4.2	U	1.4	4.2	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8151A	12/29/2010	NA	3550B	DE039	13.8	1	94-82-6	2,4-DB	2	U	1.3	2.0	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	100-01-6	4-NITROANILINE	190	U	77	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	100-02-7	4-NITROPHENOL	580	U	190	580	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	100-51-6	BENZYL ALCOHOL	580	U	190	580	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	106-44-5	4-METHYLPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	106-47-8	4-CHLOROANILINE	190	U	77	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	108-68-9	3,5-Dimethylphenol	190	U	39	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	47	J	19	390	ug/kg	J	J	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	121-14-2	2,4-DINITROTOLUENE	190	U	39	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	51-28-5	2,4-DINITROPHENOL	2300	U	770	2300	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	580	U	190	580	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	62-53-3	ANILINE	580	U	190	580	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	65-85-0	BENZOIC ACID	580	U	190	580	ug/kg		U			MDL	PQL	6349776.553	1909875.692

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	39	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	580	U	190	580	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	87-68-3	HEXACHLOROBUTADIENE	190	U	77	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	87-86-5	PENTACHLOROPHENOL	580	U	190	580	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	91-94-1	3,3'-DICHLOROBENZIDINE	390	U	120	390	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	92-87-5	BENZIDINE	3900	U	1400	3900	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	95-48-7	2-METHYLPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C	1/14/2011	NA	3550B	DE039	13.8	1	99-09-2	3-NITROANILINE	190	U	39	190	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	117-84-0	Di-n-octylphthalate	21	U	7.0	21	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	120-12-7	ANTHRACENE	1	J	0.39	1.9	ug/kg	J	J	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	129-00-0	PYRENE	6.1		0.77	1.9	ug/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	131-11-3	Dimethylphthalate	21	U	7.0	21	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	191-24-2	BENZO(G,H,I)PERYLENE	1.6	J	0.77	1.9	ug/kg	J	J	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.3	J	0.77	1.9	ug/kg	J	J	J	L, Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	205-99-2	BENZO(B)FLUORANTHENE	5.6		0.77	1.9	ug/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	206-44-0	FLUORANTHENE	8.6	J	0.77	1.9	ug/kg	J		J	L	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	207-08-9	BENZO(K)FLUORANTHENE	1.8	J	0.77	1.9	ug/kg	J	J	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.39	1.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	218-01-9	CHRYSENE	5.1	J	0.39	1.9	ug/kg	J		J	L	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	50-32-8	BENZO(A)PYRENE	2.3		0.77	1.9	ug/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	UJ	0.77	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	56-55-3	BENZO(A)ANTHRACENE	3.1		0.77	1.9	ug/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	83-32-9	ACENAPHTHENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	84-66-2	Diethylphthalate	21	UJ	7.0	21	ug/kg	UJ	U	UJ	L	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	84-74-2	Di-n-butylphthalate	21	UJ	7.0	21	ug/kg	UJ	U	UJ	L	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	85-01-8	PHENANTHRENE	3.9		0.77	1.9	ug/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	85-68-7	Butylbenzylphthalate	9.1	J	7.0	21	ug/kg	J	J	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	86-73-7	FLUORENE	1.9	UJ	0.77	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	91-20-3	NAPHTHALENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8270C SIM	1/5/2011	NA	3550B	DE039	13.8	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	9045M	12/16/2010	NA	Gen Prep	DE039	13.8	1	pH	PH	7.28		0.0100	0.0100	pH unit					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	ASTM D1498	12/16/2010	NA	Gen Prep	DE039	13.8	1	REDOX	Oxidation Reduction Potential	422		10.0	10.0	mv					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	160.3M	12/16/2010	NA	Gen Prep	DE039	13.8	1	MOIST	MOISTURE	13.8		0.50	0.50	%					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	300.0	1/8/2011	NA	Gen Prep	DE039	13.8	1	16984-48-8	FLUORIDE	1.7	J	0.93	1.2	mg/kg	J		J	Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	314.0	1/6/2011	NA	METHOD	DE039	13.8	1	14797-73-0	PERCHLORATE	34.8	U	10.4	34.8	ug/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7429-90-5	ALUMINUM	15500		5.78	23.0	mg/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7439-89-6	IRON	22200		5.41	23.0	mg/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7439-93-2	LITHIUM	25.7	J	0.25	2.3	mg/kg	J		J	*#	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7439-95-4	MAGNESIUM	4510		2.92	11.5	mg/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7439-96-5	MANGANESE	340		0.0896	0.574	mg/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7440-09-7	POTASSIUM	3830	J	20.7	57.4	mg/kg	J		J	Q, *#	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7440-23-5	SODIUM	112	J	42.8	115	mg/kg	J	J	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7440-24-6	STRONTIUM	20.6		0.0712	0.574	mg/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7440-31-5	TIN	11.5	U	1.15	11.5	mg/kg	U	J	U	B, Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7440-32-6	TITANIUM	1290		0.436	1.15	mg/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7440-42-8	BORON	4.12	J	1.02	5.74	mg/kg	J	J	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7440-67-7	Zirconium	5.74	U	0.965	5.74	mg/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7440-70-2	CALCIUM	3130		7.04	23.0	mg/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6010B	12/22/2010	NA	3050B	DE039	13.8	1	7723-14-0	PHOSPHORUS	437	J	0.643	11.5	mg/kg	J		J	Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/28/2010	NA	3050B	DE039	13.8	2	7440-43-9	CADMIUM	0.26	UJ	0.0413	0.260	mg/kg	UJ		UJ	B, Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7782-49-2	SELENIUM	0.177	J	0.0459	0.459	mg/kg	J	J	J	Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7439-98-7	MOLYBDENUM	0.94	J	0.0574	0.115	mg/kg	J		J	Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-39-3	BARIUM	150	J	0.124	0.459	mg/kg	J		J	E, *#	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7439-92-1	LEAD	19.5	J	0.0119	0.230	mg/kg	J		J	E, Q, *#	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-02-0	NICKEL	15	J	0.115	0.459	mg/kg	J		J	E, Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-22-4	SILVER	0.575	J	0.0138	0.115	mg/kg	J		J	Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-28-0	THALLIUM	0.465	J	0.0345	0.115	mg/kg	J		J	Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-36-0	ANTIMONY	0.23	U	0.0689	0.230	mg/kg	U	J	U	B, Z	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-38-2	ARSENIC	6.61	J	0.0689	0.459	mg/kg	J		J	E, Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-41-7	BERYLLIUM	0.666	J	0.0184	0.115	mg/kg	J		J	Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-47-3	CHROMIUM	24.3	J	0.138	0.459	mg/kg	J		J	E, Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-48-4	COBALT	7.27	J	0.0230	0.115	mg/kg	J		J	Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-50-8	COPPER	11.3	J	0.0758	0.459	mg/kg	J		J	E, Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-62-2	VANADIUM	46.8	J	0.0253	0.115	mg/kg	J		J	E, Q	MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	6020	12/26/2010	NA	3050B	DE039	13.8	2	7440-66-6	ZINC	105	J	0.643	3.45	mg/kg	J		J	E, *#	MDL	PQL	6349776.553	1909875.692

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	7199	1/4/2011	NA	3060A	DE039	13.8	1	18540-29-9	HEXAVALENT CHROMIUM	1.2	U	0.23	1.2	mg/kg		U			MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	7471A	12/20/2010	NA	METHOD	DE039	13.8	1	7439-97-6	MERCURY	0.614		0.0033	0.114	mg/kg					MDL	PQL	6349776.553	1909875.692
SED-026-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164956	8081A	1/7/2011	NA	3550B	DE039	13.8	5	50-29-3	4,4'-DDT	4.4	J	0.38	2.0	ug/kg	J		J	C	MDL	PQL	6349776.553	1909875.692
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	160.3M	12/16/2010		Gen Prep	DX023	13.6	1	MOIST	MOISTURE	13.6		0.50	0.50	%					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	1746-01-6	2,3,7,8-TCDD	1.16	U	0.0358	1.16	ng/kg	U	JB	U	B, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.471	J	0.0476	5.79	ng/kg	J	JB	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	3268-87-9	OCDD	148		0.0705	11.6	ng/kg		B			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	11.3		0.0719	5.79	ng/kg		B			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	39001-02-0	OCDF	8.78	J	0.0550	11.6	ng/kg	J	JB	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	39227-28-6	1,2,3,4,7,8-HxCDD	5.79	U	0.0481	5.79	ng/kg	U	JB	U	B, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	40321-76-4	1,2,3,7,8-PECDD	5.79	U	0.0573	5.79	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	51207-31-9	2,3,7,8-TCDF	0.384	J	0.0671	1.16	ng/kg	J	JBQ	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.79	U	0.0666	5.79	ng/kg	U	JB	U	B, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	57117-31-4	2,3,4,7,8-PECDF	0.736	J	0.0313	5.79	ng/kg	J	JB	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	57117-41-6	1,2,3,7,8-PECDF	0.588	J	0.0301	5.79	ng/kg	J	JB	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.387	J	0.0427	5.79	ng/kg	J	JB	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.721	J	0.0502	5.79	ng/kg	J	JB	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.79	U	0.0473	5.79	ng/kg	U	JB	U	B, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	3.24	J	0.0363	5.79	ng/kg	J	JB	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.418	J	0.0505	5.79	ng/kg	J	JB	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164983	1613B	1/16/2011		METHOD	DX023	13.6	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.79	U	0.0602	5.79	ng/kg	U	JB	U	B, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-22-4	SILVER	0.146	J	0.0136	0.113	mg/kg	J		J	Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-28-0	THALLIUM	0.347	J	0.0340	0.113	mg/kg	J		J	Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-36-0	ANTIMONY	0.227	U	0.0681	0.227	mg/kg	U	J	U	B, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-38-2	ARSENIC	6.17	J	0.0681	0.454	mg/kg	J		J	E, Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-41-7	BERYLLIUM	0.5	J	0.0182	0.113	mg/kg	J		J	Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-43-9	CADMIUM	0.259	UJ	0.0408	0.259	mg/kg	UJ		UJ	B, Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-47-3	CHROMIUM	26.8	J	0.136	0.454	mg/kg	J		J	E, Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-48-4	COBALT	7.14	J	0.0227	0.113	mg/kg	J		J	Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-50-8	COPPER	10.6	J	0.0749	0.454	mg/kg	J		J	E, Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-62-2	VANADIUM	54.9	J	0.0250	0.113	mg/kg	J		J	E, Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-66-6	ZINC	88.1	J	0.635	3.40	mg/kg	J		J	E, *#	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	7199	1/4/2011	NA	3060A	DE039	13.6	1	18540-29-9	HEXAVALENT CHROMIUM	1.2	U	0.23	1.2	mg/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	7471A	12/20/2010	NA	METHOD	DE039	13.6	1	7439-97-6	MERCURY	0.0513	J	0.0032	0.111	mg/kg	J	J	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	1024-57-3	HEPTACHLOR EPOXIDE	0.39	UJ	0.39	0.39	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	1031-07-8	ENDOSULFAN SULFATE	0.49	J	0.076	0.39	ug/kg	J		J	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	2385-85-5	MIREX	0.61	UJ	0.61	0.61	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	309-00-2	ALDRIN	0.19	U	0.076	0.19	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	319-84-6	ALPHA-BHC	0.19	U	0.039	0.19	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	319-85-7	BETA-BHC	0.19	U	0.069	0.19	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	319-86-8	DELTA-BHC	0.24		0.042	0.19	ug/kg					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	33213-65-9	ENDOSULFAN II	0.39	UJ	0.13	0.39	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	50-29-3	4,4'-DDT	2.2	UJ	2.2	2.2	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	53494-70-5	ENDRIN KETONE	0.39	UJ	0.076	0.39	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	57-74-9	Chlordane	4.2	U	4.2	4.2	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	58-89-9	gamma-BHC (Lindane)	0.19	U	0.045	0.19	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	60-57-1	DIELDRIN	0.39	UJ	0.22	0.39	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	72-20-8	ENDRIN	0.39	UJ	0.076	0.39	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	72-43-5	METHOXYCHLOR	1.9	UJ	1.3	1.9	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	72-54-8	4,4'-DDD	0.39	U	0.20	0.39	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	72-55-9	4,4'-DDE	0.69	UJ	0.69	0.69	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	7421-93-4	ENDRIN ALDEHYDE	0.61	UJ	0.61	0.61	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	76-44-8	HEPTACHLOR	0.19	U	0.093	0.19	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	8001-35-2	TOXAPHENE	7.6	U	2.5	7.6	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8081A	12/30/2010	NA	3550B	DE039	13.6	1	959-98-8	ENDOSULFAN I	0.19	UJ	0.051	0.19	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	11096-82-5	AROCLOR 1260	3.1	U	3.1	3.1	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	11097-69-1	AROCLOR 1254	11	J	0.76	3.9	ug/kg	J		J	S, *#	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	11100-14-4	Aroclor 1268	3.9	U	0.76	3.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	11104-28-2	AROCLOR 1221	3.9	U	1.2	3.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	11126-42-4	Aroclor 5460	3.6	J	2.3	7.6	ug/kg	J	J	J	S, L, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	11141-16-5	AROCLOR 1232	3.9	U	1.2	3.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	12642-23-8	Aroclor 5442	7.6	UJ	2.3	7.6	ug/kg	UJ	U	UJ	L	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	12672-29-6	AROCLOR 1248	6	U	6.0	6.0	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	12674-11-2	AROCLOR 1016	3.9	U	0.76	3.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	37324-23-5	Aroclor 1262	3.9	U	0.76	3.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	53469-21-9	AROCLOR 1242	3.9	U	1.2	3.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8082	12/29/2010	NA	3550B	DE039	13.6	2	63496-31-1	Aroclor 5432	7.6	UJ	2.3	7.6	ug/kg	UJ	U	UJ	L	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8151A	1/5/2011	NA	3550B	DE039	13.6	1	93-72-1	2,4,5-TP (Silvex)	0.23		0.087	0.20	ug/kg					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8151A	12/29/2010	NA	3550B	DE039	13.6	1	120-36-5	DICHLOROPROP	2	U	0.93	2.0	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8151A	12/29/2010	NA	3550B	DE039	13.6	1	1918-00-9	DICAMBA	1.3	J	0.46	1.4	ug/kg	J	J	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8151A	12/29/2010	NA	3550B	DE039	13.6	1	75-99-0	DALAPON	10	UJ	5.1	10	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8151A	12/29/2010	NA	3550B	DE039	13.6	1	88-85-7	DINOSEB	2.8	R	0.93	2.8	ug/kg	R	U	R	L, C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8151A	12/29/2010	NA	3550B	DE039	13.6	1	93-65-2	MCPP	290	U	140	290	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8151A	12/29/2010	NA	3550B	DE039	13.6	1	93-76-5	2,4,5-T	0.2	U	0.095	0.20	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8151A	12/29/2010	NA	3550B	DE039	13.6	1	94-74-6	MCPA	290	UJ	240	290	ug/kg	UJ	U	UJ	C	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8151A	12/29/2010	NA	3550B	DE039	13.6	1	94-75-7	2,4-D	4.2	U	1.4	4.2	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8151A	12/29/2010	NA	3550B	DE039	13.6	1	94-82-6	2,4-DB	8.9	U	8.9	8.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	100-01-6	4-NITROANILINE	190	U	77	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	100-02-7	4-NITROPHENOL	580	U	190	580	ug/kg		U			MDL	PQL	6349354.955	1910082.97

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	100-51-6	BENZYL ALCOHOL	580	U	190	580	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	106-44-5	4-METHYLPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	106-47-8	4-CHLOROANILINE	190	U	77	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	108-68-9	3,5-Dimethylphenol	190	U	39	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	121-14-2	2,4-DINITROTOLUENE	190	U	39	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	51-28-5	2,4-DINITROPHENOL	2300	U	770	2300	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	580	U	190	580	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	62-53-3	ANILINE	580	U	190	580	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	65-85-0	BENZOIC ACID	580	U	190	580	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	160.3M	12/16/2010	NA	Gen Prep	DE039	13.6	1	MOIST	MOISTURE	13.6		0.50	0.50	%					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	300.0	1/8/2011	NA	Gen Prep	DE039	13.6	1	16984-48-8	FLUORIDE	1.1	J	0.93	1.2	mg/kg	J	J	J	Q, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	314.0	1/6/2011	NA	METHOD	DE039	13.6	1	14797-73-0	PERCHLORATE	34.7	U	10.4	34.7	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7429-90-5	ALUMINUM	12500		5.82	23.1	mg/kg					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7439-89-6	IRON	21200		5.45	23.1	mg/kg					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7439-93-2	LITHIUM	24.6	J	0.25	2.3	mg/kg	J		J	*#	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7439-95-4	MAGNESIUM	5510		2.94	11.6	mg/kg					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7439-96-5	MANGANESE	308		0.0903	0.579	mg/kg					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7440-09-7	POTASSIUM	3150	J	20.8	57.9	mg/kg	J		J	Q, *#	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7440-23-5	SODIUM	86.1	J	43.2	116	mg/kg	J	J	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7440-24-6	STRONTIUM	18		0.0718	0.579	mg/kg					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7440-31-5	TIN	11.6	U	1.16	11.6	mg/kg	U	J	U	B, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7440-32-6	TITANIUM	1250		0.440	1.16	mg/kg					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7440-42-8	BORON	4.15	J	1.03	5.79	mg/kg	J	J	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7440-67-7	Zirconium	1.31	J	0.972	5.79	mg/kg	J	J	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7440-70-2	CALCIUM	3280		7.09	23.1	mg/kg					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6010B	12/22/2010	NA	3050B	DE039	13.6	1	7723-14-0	PHOSPHORUS	446	J	0.648	11.6	mg/kg	J		J	Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7782-49-2	SELENIUM	0.225	J	0.0454	0.454	mg/kg	J	J	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7439-98-7	MOLYBDENUM	0.731	J	0.0567	0.113	mg/kg	J		J	Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-39-3	BARIUM	126	J	0.123	0.454	mg/kg	J		J	E, *#	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7439-92-1	LEAD	16.2	J	0.0118	0.227	mg/kg	J		J	E, Q, *#	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	6020	12/26/2010	NA	3050B	DE039	13.6	2	7440-02-0	NICKEL	15.8	J	0.113	0.454	mg/kg	J		J	E, Q	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	39	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	580	U	190	580	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	87-68-3	HEXACHLOROBUTADIENE	190	U	77	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	87-86-5	PENTACHLOROPHENOL	580	U	190	580	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	91-94-1	3,3'-DICHLOROBENZIDINE	390	U	120	390	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	92-87-5	BENZIDINE	3900	U	1400	3900	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	95-48-7	2-METHYLPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	39	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C	1/14/2011	NA	3550B	DE039	13.6	1	99-09-2	3-NITROANILINE	190	U	39	190	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	13	J	6.9	21	ug/kg	J	J	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	117-84-0	Di-n-octylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	120-12-7	ANTHRACENE	1.9	U	0.39	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	129-00-0	PYRENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	131-11-3	Dimethylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	UJ	0.77	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	205-99-2	BENZO(B)FLUORANTHENE	0.94	J	0.77	1.9	ug/kg	J	J	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	206-44-0	FLUORANTHENE	0.94	J	0.77	1.9	ug/kg	J	J	J	L, Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.39	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	218-01-9	CHRYSENE	0.85	J	0.39	1.9	ug/kg	J	J	J	L, Z	MDL	PQL	6349354.955	1910082.97

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	UJ	0.77	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	83-32-9	ACENAPHTHENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	84-66-2	Diethylphthalate	21	UJ	6.9	21	ug/kg	UJ	U	UJ	L	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	84-74-2	Di-n-butylphthalate	21	UJ	6.9	21	ug/kg	UJ	U	UJ	L	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	85-01-8	PHENANTHRENE	1	J	0.77	1.9	ug/kg	J	J	J	Z	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	85-68-7	Butylbenzylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	86-73-7	FLUORENE	1.9	UJ	0.77	1.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	91-20-3	NAPHTHALENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	8270C SIM	1/5/2011	NA	3550B	DE039	13.6	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.77	1.9	ug/kg		U			MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	9045M	12/16/2010	NA	Gen Prep	DE039	13.6	1	pH	PH	6.96		0.0100	0.0100	pH unit					MDL	PQL	6349354.955	1910082.97
SED-027-SIV-SD-0.0-0.5	12/14/2010	N	0	0.5	ft bgs	SE	SED		6164955	ASTM D1498	12/16/2010	NA	Gen Prep	DE039	13.6	1	REDOX	Oxidation Reduction Potential	501		10.0	10.0	mv					MDL	PQL	6349354.955	1910082.97
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	160.3M	1/19/2011		Gen Prep	DX038	29.4	1	MOIST	MOISTURE	29.4		0.50	0.50	%					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	300.0	1/27/2011		METHOD	DE060	29.4	1	16984-48-8	FLUORIDE	2	J	1.1	1.4	mg/kg	J		J	Q	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	314.0	1/25/2011		METHOD	DE060	29.4	1	14797-73-0	PERCHLORATE	42.5	U	12.7	42.5	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7429-90-5	ALUMINUM	9630		6.92	27.5	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7439-89-6	IRON	18800		6.48	27.5	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7439-93-2	LITHIUM	22.6		0.30	2.8	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7439-95-4	MAGNESIUM	4850		3.49	13.8	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7439-96-5	MANGANESE	246		0.107	0.688	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7440-09-7	POTASSIUM	2750		24.8	68.8	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7440-23-5	SODIUM	65.7	J	51.3	138	mg/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7440-24-6	STRONTIUM	12		0.0853	0.688	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7440-31-5	TIN	2.53	J	1.38	13.8	mg/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7440-32-6	TITANIUM	1070		0.523	1.38	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7440-42-8	BORON	6.88	U	1.22	6.88	mg/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7440-67-7	Zirconium	2.1	J	1.16	6.88	mg/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7440-70-2	CALCIUM	3900		8.43	27.5	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6010B	1/21/2011	NA	3050B	DE060	29.4	1	7723-14-0	PHOSPHORUS	478		0.770	13.8	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7439-92-1	LEAD	6.77		0.0144	0.278	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-02-0	NICKEL	9.52		0.139	0.555	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-22-4	SILVER	0.037	J	0.0167	0.139	mg/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-28-0	THALLIUM	0.191		0.0417	0.139	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-36-0	ANTIMONY	0.278	U	0.0833	0.278	mg/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-38-2	ARSENIC	2.87		0.111	0.555	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-41-7	BERYLLIUM	0.365		0.0222	0.139	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-43-9	CADMIUM	0.208		0.0555	0.139	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-47-3	CHROMIUM	15.9		0.167	0.555	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-48-4	COBALT	5.06		0.0278	0.139	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-50-8	COPPER	6.44		0.0917	0.555	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-62-2	VANADIUM	32.6		0.0306	0.139	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-66-6	ZINC	52.6		0.778	4.17	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7782-49-2	SELENIUM	0.124	J	0.0555	0.555	mg/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7439-98-7	MOLYBDENUM	0.291		0.0694	0.139	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	6020	1/21/2011	NA	3050B	DE060	29.4	2	7440-39-3	BARIUM	64.4		0.150	0.555	mg/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	7199	1/29/2011		3060A	DE060	29.4	1	18540-29-9	HEXAVALENT CHROMIUM	0.29	J	0.28	1.4	mg/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	7471A	1/24/2011	NA	METHOD	DE060	29.4	1	7439-97-6	MERCURY	0.0904	J	0.0040	0.140	mg/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	1024-57-3	HEPTACHLOR EPOXIDE	0.24	U	0.048	0.24	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	1031-07-8	ENDOSULFAN SULFATE	0.48	U	0.093	0.48	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	2385-85-5	MIREX	0.48	U	0.093	0.48	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	309-00-2	ALDRIN	0.24	U	0.093	0.24	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	319-84-6	ALPHA-BHC	0.24	U	0.048	0.24	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	319-85-7	BETA-BHC	0.24	U	0.085	0.24	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	319-86-8	DELTA-BHC	0.24	U	0.051	0.24	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	33213-65-9	ENDOSULFAN II	0.48	U	0.093	0.48	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	50-29-3	4,4'-DDT	0.48	U	0.31	0.48	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	53494-70-5	ENDRIN KETONE	0.48	U	0.093	0.48	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	57-74-9	Chlordane	4.8	U	1.1	4.8	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	58-89-9	gamma-BHC (Lindane)	0.24	U	0.048	0.24	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	60-57-1	DIELDRIN	0.48	U	0.093	0.48	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	72-20-8	ENDRIN	0.48	U	0.093	0.48	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	72-43-5	METHOXYCHLOR	2.4	U	0.64	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	72-54-8	4,4'-DDD	0.48	U	0.12	0.48	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	72-55-9	4,4'-DDE	0.48	U	0.17	0.48	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	7421-93-4	ENDRIN ALDEHYDE	0.48	U	0.093	0.48	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	76-44-8	HEPTACHLOR	0.24	U	0.085	0.24	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	8001-35-2	TOXAPHENE	9.3	U	3.1	9.3	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8081A	2/3/2011		3550B	DE060	29.4	1	959-98-8	ENDOSULFAN I	0.24	U	0.062	0.24	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	11096-82-5	AROCLOR 1260	2.4	U	0.47	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	11097-69-1	AROCLOR 1254	1.5	J	0.47	2.4	ug/kg	J	J	J	S, Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	11100-14-4	Aroclor 1268	2.4	U	0.47	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	11104-28-2	AROCLOR 1221	2.4	U	0.71	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	11126-42-4	Aroclor 5460	4.7	UJ	1.4	4.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	11141-16-5	AROCLOR 1232	2.4	U	0.74	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	12642-23-8	Aroclor 5442	4.7	UJ	1.4	4.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	12672-29-6	AROCLOR 1248	2.4	U	0.47	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	12674-11-2	AROCLOR 1016	2.4	U	0.47	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	37324-23-5	Aroclor 1262	2.4	U	0.47	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	53469-21-9	AROCLOR 1242	2.4	U	0.71	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8082	1/27/2011		3550B	DE060	29.4	1	63496-31-1	Aroclor 5432	4.7	UJ	1.4	4.7	ug/kg	UJ	U	UJ	L	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8151A	2/2/2011		3550B	DE060	29.4	1	120-36-5	DICHLOROPROP	2.4	U	1.1	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8151A	2/2/2011		3550B	DE060	29.4	1	1918-00-9	DICAMBA	1.7	U	0.57	1.7	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8151A	2/2/2011		3550B	DE060	29.4	1	75-99-0	DALAPON	13	U	6.2	13	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8151A	2/2/2011		3550B	DE060	29.4	1	88-85-7	DINOSEB	3.4	R	1.1	3.4	ug/kg	R	U	R	L	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8151A	2/2/2011		3550B	DE060	29.4	1	93-65-2	MCPP	570	U	570	570	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8151A	2/2/2011		3550B	DE060	29.4	1	93-72-1	2,4,5-TP (Silvex)	0.24	U	0.11	0.24	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8151A	2/2/2011		3550B	DE060	29.4	1	93-76-5	2,4,5-T	0.24	U	0.12	0.24	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8151A	2/2/2011		3550B	DE060	29.4	1	94-74-6	MCPA	450	U	450	450	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8151A	2/2/2011		3550B	DE060	29.4	1	94-75-7	2,4-D	5.1	U	1.7	5.1	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8151A	2/2/2011		3550B	DE060	29.4	1	94-82-6	2,4-DB	3.8		0.88	2.4	ug/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	100-01-6	4-NITROANILINE	240	U	94	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	100-02-7	4-NITROPHENOL	710	U	240	710	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	100-51-6	BENZYL ALCOHOL	710	U	240	710	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	105-67-9	2,4-DIMETHYLPHENOL	240	U	47	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	106-44-5	4-METHYLPHENOL	240	U	47	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	106-46-7	1,4-DICHLOROBENZENE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	106-47-8	4-CHLOROANILINE	240	U	94	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	108-68-9	3,5-Dimethylphenol	240	U	47	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	108-95-2	PHENOL	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	470	U	24	470	ug/kg	U	J	U	B, Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	118-74-1	HEXACHLOROBENZENE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	120-82-1	1,2,4-TRICHLOROBENZENE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	120-83-2	2,4-DICHLOROPHENOL	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	121-14-2	2,4-DINITROTOLUENE	240	U	47	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	132-64-9	DIBENZOFURAN	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	51-28-5	2,4-DINITROPHENOL	1400	U	940	1400	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	710	U	240	710	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	541-73-1	1,3-DICHLOROBENZENE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	59-50-7	4-CHLORO-3-METHYLPHENOL	240	U	47	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	606-20-2	2,6-DINITROTOLUENE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	62-53-3	ANILINE	710	U	240	710	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	65-85-0	BENZOIC ACID	710	U	240	710	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	67-72-1	HEXACHLOROETHANE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	240	U	47	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	710	U	240	710	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	78-59-1	ISOPHORONE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	86-30-6	N-NITROSODIPHENYLAMINE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	86-74-8	CARBAZOLE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	87-68-3	HEXACHLOROBUTADIENE	240	U	94	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	87-86-5	PENTACHLOROPHENOL	710	U	240	710	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	88-06-2	2,4,6-TRICHLOROPHENOL	240	U	47	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	88-74-4	2-NITROANILINE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	88-75-5	2-NITROPHENOL	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	91-58-7	2-CHLORONAPHTHALENE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	91-94-1	3,3'-DICHLOROBENZIDINE	470	U	140	470	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	92-87-5	BENZIDINE	4700	U	1700	4700	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	95-48-7	2-METHYLPHENOL	240	U	47	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	95-50-1	1,2-DICHLOROBENZENE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	95-57-8	2-CHLOROPHENOL	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	95-95-4	2,4,5-TRICHLOROPHENOL	240	U	47	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	98-95-3	NITROBENZENE	240	U	24	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C	1/27/2011		3550B	DE060	29.4	1	99-09-2	3-NITROANILINE	240	U	47	240	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	117-84-0	Di-n-octylphthalate	25	U	8.5	25	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	120-12-7	ANTHRACENE	2.4	U	0.47	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	129-00-0	PYRENE	2.4	U	0.94	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	131-11-3	Dimethylphthalate	25	U	8.5	25	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	191-24-2	BENZO(G,H,I)PERYLENE	2.4	U	0.94	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2.4	U	0.94	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	205-99-2	BENZO(B)FLUORANTHENE	25		0.94	2.4	ug/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	206-44-0	FLUORANTHENE	1.3	J	0.94	2.4	ug/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	207-08-9	BENZO(K)FLUORANTHENE	2.4	U	0.94	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	208-96-8	ACENAPHTHYLENE	2.4	U	0.47	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	218-01-9	CHRYSENE	0.93	J	0.47	2.4	ug/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	50-32-8	BENZO(A)PYRENE	1.4	J	0.94	2.4	ug/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.4	U	0.94	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	56-55-3	BENZO(A)ANTHRACENE	2.4	U	0.94	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	62-75-9	N-NITROSODIMETHYLAMINE	2.4	U	0.94	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	83-32-9	ACENAPHTHENE	2.4	U	0.94	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	84-66-2	Diethylphthalate	25	U	8.5	25	ug/kg		U			MDL	PQL	6349031.338	1910843.966

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	84-74-2	Di-n-butylphthalate	25	U	8.5	25	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	85-01-8	PHENANTHRENE	1.2	J	0.94	2.4	ug/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	85-68-7	Butylbenzylphthalate	25	U	8.5	25	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	86-73-7	FLUORENE	4.4		0.94	2.4	ug/kg					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	90-12-0	1-METHYLNAPHTHALENE	2.4	U	0.94	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	91-20-3	NAPHTHALENE	1.2	J	0.94	2.4	ug/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	8270C SIM	1/25/2011		3550B	DE060	29.4	1	91-57-6	2-METHYLNAPHTHALENE	2.4	U	0.94	2.4	ug/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	9045M	1/18/2011		Gen Prep	DE060	29.4	1	pH	PH	7.41		0.0100	0.0100	pH unit					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183556	ASTM D1498	1/18/2011		Gen Prep	DE060	29.4	1	REDOX	Oxidation Reduction Potential	409		10.0	10.0	mv					MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	7.08	U	0.0343	7.08	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	57117-31-4	2,3,4,7,8-PECDF	0.266	J	0.0313	7.08	ng/kg	J	JQ	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	57117-41-6	1,2,3,7,8-PECDF	0.206	J	0.0320	7.08	ng/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	57117-44-9	1,2,3,6,7,8-HXCDF	7.08	U	0.0266	7.08	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.226	J	0.0443	7.08	ng/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	60851-34-5	2,3,4,6,7,8-HXCDF	7.08	U	0.0279	7.08	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	7.08	U	0.0235	7.08	ng/kg	U	JB	U	B, Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	70648-26-9	1,2,3,4,7,8-HXCDF	7.08	U	0.0303	7.08	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	72918-21-9	1,2,3,7,8,9-HXCDF	7.08	U	0.0317	7.08	ng/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	1746-01-6	2,3,7,8-TCDD	1.42	U	0.0460	1.42	ng/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.156	J	0.0452	7.08	ng/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	3268-87-9	OCDD	31.3		0.0508	14.2	ng/kg		B			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	2.91	J	0.0559	7.08	ng/kg	J	JB	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	39001-02-0	OCDF	1.72	J	0.0690	14.2	ng/kg	J	JB	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.123	J	0.0441	7.08	ng/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	40321-76-4	1,2,3,7,8-PECDD	7.08	U	0.0453	7.08	ng/kg		U			MDL	PQL	6349031.338	1910843.966
SED-028-SIV-SD-0.0-0.5	1/13/2011	N	0	0.5	ft bgs	SE	SED		6183578	1613B	2/2/2011		METHOD	DX038	29.4	1	51207-31-9	2,3,7,8-TCDF	0.0948	J	0.0707	1.42	ng/kg	J	J	J	Z	MDL	PQL	6349031.338	1910843.966
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	160.3M	12/15/2010		Gen Prep	DX020	9.7	1	MOIST	MOISTURE	9.7		0.50	0.50	%					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	1746-01-6	2,3,7,8-TCDD	0.187	J	0.0386	1.11	ng/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	19408-74-3	1,2,3,7,8,9-HXCDD	4.22	J	0.0589	5.54	ng/kg	J	JB	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	3268-87-9	OCDD	1970		0.142	11.1	ng/kg		B			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	182		0.127	5.54	ng/kg		B			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	39001-02-0	OCDF	106		0.0526	11.1	ng/kg		B			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	39227-28-6	1,2,3,4,7,8-HxCDD	2.99	J	0.0579	5.54	ng/kg	J	JB	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	40321-76-4	1,2,3,7,8-PECDD	1.15	J	0.101	5.54	ng/kg	J	JBQ	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	51207-31-9	2,3,7,8-TCDF	1.03	J	0.131	1.11	ng/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.99	J	0.0877	5.54	ng/kg	J	JB	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	57117-31-4	2,3,4,7,8-PECDF	4.53	J	0.0504	5.54	ng/kg	J	JB	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	57117-41-6	1,2,3,7,8-PECDF	10.6		0.0559	5.54	ng/kg		B			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	57117-44-9	1,2,3,6,7,8-HXCDF	2.44	J	0.0489	5.54	ng/kg	J	JB	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	57653-85-7	1,2,3,6,7,8-HXCDD	6.88		0.0580	5.54	ng/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	60851-34-5	2,3,4,6,7,8-HXCDF	3.27	J	0.0507	5.54	ng/kg	J	JB	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	29.4		0.0660	5.54	ng/kg		B			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	70648-26-9	1,2,3,4,7,8-HXCDF	2	J	0.0524	5.54	ng/kg	J	JB	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163646	1613B	1/5/2011		METHOD	DX020	9.7	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.718	J	0.0576	5.54	ng/kg	J	JB	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	300.0	1/4/2011		METHOD	DE036	9.7	1	16984-48-8	FLUORIDE	1.1	U	0.89	1.1	mg/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	314.0	12/30/2010		METHOD	DE036	9.7	1	14797-73-0	PERCHLORATE	33.2	U	10	33.2	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/24/2010	NA	3050B	DE036	9.7	1	7440-23-5	SODIUM	86.8	J	39.7	106	mg/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/22/2010	NA	3050B	DE036	9.7	1	7440-32-6	TITANIUM	1020		0.409	1.08	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7429-90-5	ALUMINUM	10400		5.36	21.3	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7439-89-6	IRON	16900		5.02	21.3	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7439-93-2	LITHIUM	18.5		0.23	2.1	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7439-95-4	MAGNESIUM	4470		2.70	10.6	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7439-96-5	MANGANESE	255		0.0831	0.532	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7440-09-7	POTASSIUM	2610		19.2	53.2	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7440-24-6	STRONTIUM	45.6		0.0660	0.532	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7440-31-5	TIN	10.6	U	1.06	10.6	mg/kg	U	J	U	B, Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7440-42-8	BORON	4.76	J	0.948	5.32	mg/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7440-67-7	Zirconium	5.32	U	0.894	5.32	mg/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7440-70-2	CALCIUM	23900		6.53	21.3	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6010B	12/21/2010	NA	3050B	DE036	9.7	1	7723-14-0	PHOSPHORUS	403		0.596	10.6	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/28/2010	NA	3050B	DE036	9.7	2	7440-28-0	THALLIUM	0.188		0.0326	0.109	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7782-49-2	SELENIUM	0.144	J	0.0434	0.434	mg/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7439-98-7	MOLYBDENUM	0.694	J	0.0543	0.109	mg/kg	J		J	Q	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-39-3	BARIUM	100	J	0.117	0.434	mg/kg	J		J	E, *#	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7439-92-1	LEAD	50.6	J	0.0113	0.217	mg/kg	J		J	E, Q	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-02-0	NICKEL	15.1	J	0.109	0.434	mg/kg	J		J	E, Q	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-22-4	SILVER	0.147	J	0.0130	0.109	mg/kg	J		J	Q	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-36-0	ANTIMONY	0.191	J	0.0651	0.217	mg/kg	J	J	J	Q, E, Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-38-2	ARSENIC	6.15	J	0.0651	0.434	mg/kg	J		J	E, Q	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-41-7	BERYLLIUM	0.463	J	0.0174	0.109	mg/kg	J		J	E, Q	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-43-9	CADMIUM	0.902	J	0.0391	0.109	mg/kg	J		J	Q	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-47-3	CHROMIUM	23	J	0.130	0.434	mg/kg	J		J	Q	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-48-4	COBALT	6.94	J	0.0217	0.109	mg/kg	J		J	E, Q	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-50-8	COPPER	17.8	J	0.0717	0.434	mg/kg	J		J	E, Q	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-62-2	VANADIUM	41.3		0.0239	0.109	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	6020	12/26/2010	NA	3050B	DE036	9.7	2	7440-66-6	ZINC	174		0.608	3.26	mg/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	7199	1/5/2011		3060A	DE036	9.7	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.22	1.1	mg/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	7471A	12/20/2010	NA	METHOD	DE036	9.7	1	7439-97-6	MERCURY	0.038	J	0.0031	0.110	mg/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	1024-57-3	HEPTACHLOR EPOXIDE	1.2	U	1.2	1.2	ug/kg		U			MDL	PQL	6350748.472	1909821.312

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	1031-07-8	ENDOSULFAN SULFATE	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	2385-85-5	MIREX	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	309-00-2	ALDRIN	0.92	U	0.37	0.92	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	319-84-6	ALPHA-BHC	0.29	J	0.19	0.92	ug/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	319-85-7	BETA-BHC	0.92	U	0.33	0.92	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	319-86-8	DELTA-BHC	0.92	U	0.20	0.92	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	33213-65-9	ENDOSULFAN II	1.9	U	0.48	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	50-29-3	4,4'-DDT	8.5	U	8.5	8.5	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	53494-70-5	ENDRIN KETONE	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	57-74-9	Chlordane	19	U	4.4	19	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	58-89-9	gamma-BHC (Lindane)	0.92	U	0.19	0.92	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	60-57-1	DIELDRIN	1.9	U	1.3	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	72-20-8	ENDRIN	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	72-43-5	METHOXYCHLOR	9.2	U	1.9	9.2	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	72-54-8	4,4'-DDD	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	72-55-9	4,4'-DDE	1.9	U	0.43	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	7421-93-4	ENDRIN ALDEHYDE	1.9	U	0.92	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	76-44-8	HEPTACHLOR	0.92	U	0.33	0.92	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	8001-35-2	TOXAPHENE	37	U	12	37	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8081A	12/31/2010		3550B	DE036	9.7	5	959-98-8	ENDOSULFAN I	0.92	U	0.24	0.92	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	11096-82-5	AROCLOR 1260	19	U	3.7	19	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	11097-69-1	AROCLOR 1254	180		3.7	19	ug/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	11100-14-4	Aroclor 1268	19	U	3.7	19	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	11104-28-2	AROCLOR 1221	19	U	5.5	19	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	11126-42-4	Aroclor 5460	170	J	11	37	ug/kg	J		J	L	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	11141-16-5	AROCLOR 1232	19	U	5.8	19	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	12642-23-8	Aroclor 5442	37	UJ	11	37	ug/kg	UJ	U	UJ	L	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	12672-29-6	AROCLOR 1248	19	U	3.7	19	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	12674-11-2	AROCLOR 1016	19	U	3.7	19	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	37324-23-5	Aroclor 1262	19	U	3.7	19	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	53469-21-9	AROCLOR 1242	19	U	5.5	19	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8082	12/22/2010		3550B	DE036	9.7	10	63496-31-1	Aroclor 5432	37	UJ	11	37	ug/kg	UJ	U	UJ	L	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8151A	12/28/2010		3550B	DE036	9.7	1	120-36-5	DICHLOROPROP	1.9	U	0.89	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8151A	12/28/2010		3550B	DE036	9.7	1	1918-00-9	DICAMBA	1.3	U	0.44	1.3	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8151A	12/28/2010		3550B	DE036	9.7	1	75-99-0	DALAPON	10	U	4.9	10	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8151A	12/28/2010		3550B	DE036	9.7	1	88-85-7	DINOSEB	2.7	R	0.89	2.7	ug/kg	R	U	R	L	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8151A	12/28/2010		3550B	DE036	9.7	1	93-65-2	MCPP	280	U	83	280	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8151A	12/28/2010		3550B	DE036	9.7	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.083	0.19	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8151A	12/28/2010		3550B	DE036	9.7	1	93-76-5	2,4,5-T	0.33	J	0.091	0.19	ug/kg	J		J	S	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8151A	12/28/2010		3550B	DE036	9.7	1	94-74-6	MCPA	340	U	340	340	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8151A	12/28/2010		3550B	DE036	9.7	1	94-75-7	2,4-D	4	U	2.0	4.0	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8151A	12/28/2010		3550B	DE036	9.7	1	94-82-6	2,4-DB	1.9	U	0.69	1.9	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	100-01-6	4-NITROANILINE	180	U	74	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	100-02-7	4-NITROPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	100-51-6	BENZYL ALCOHOL	550	U	180	550	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	105-67-9	2,4-DIMETHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	106-44-5	4-METHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	106-46-7	1,4-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	106-47-8	4-CHLOROANILINE	180	U	74	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	108-68-9	3,5-Dimethylphenol	180	U	37	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	108-95-2	PHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	110	J	18	370	ug/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	118-74-1	HEXACHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	120-82-1	1,2,4-TRICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	120-83-2	2,4-DICHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	121-14-2	2,4-DINITROTOLUENE	180	U	37	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	131-11-3	Dimethylphthalate	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	132-64-9	DIBENZOFURAN	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	51-28-5	2,4-DINITROPHENOL	2200	U	740	2200	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	541-73-1	1,3-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	59-50-7	4-CHLORO-3-METHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	606-20-2	2,6-DINITROTOLUENE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	62-53-3	ANILINE	550	U	180	550	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	65-85-0	BENZOIC ACID	550	U	180	550	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	67-72-1	HEXACHLOROETHANE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	180	U	37	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	550	U	180	550	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	78-59-1	ISOPHORONE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	84-66-2	Diethylphthalate	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	84-74-2	Di-n-butylphthalate	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	85-68-7	Butylbenzylphthalate	31	J	18	180	ug/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	86-30-6	N-NITROSODIPHENYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	86-74-8	CARBAZOLE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	87-68-3	HEXACHLOROBUTADIENE	180	U	74	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	87-86-5	PENTACHLOROPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	88-06-2	2,4,6-TRICHLOROPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	88-74-4	2-NITROANILINE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	88-75-5	2-NITROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	91-58-7	2-CHLORONAPHTHALENE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	91-94-1	3,3'-DICHLOROBENZIDINE	370	UJ	110	370	ug/kg	UJ	U	UJ	L	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	92-87-5	BENZIDINE	3700	U	1300	3700	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	95-48-7	2-METHYLPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	95-50-1	1,2-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	95-57-8	2-CHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	95-95-4	2,4,5-TRICHLOROPHENOL	180	U	37	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	98-95-3	NITROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C	1/14/2011		3550B	DE036	9.7	1	99-09-2	3-NITROANILINE	180	U	37	180	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	117-84-0	Di-n-octylphthalate	97	J	66	200	ug/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	120-12-7	ANTHRACENE	4.4	J	3.7	18	ug/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	129-00-0	PYRENE	32		7.4	18	ug/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	191-24-2	BENZO(G,H,I)PERYLENE	18	U	7.4	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	193-39-5	INDENO(1,2,3-CD)PYRENE	18	U	7.4	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	205-99-2	BENZO(B)FLUORANTHENE	27		7.4	18	ug/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	206-44-0	FLUORANTHENE	47		7.4	18	ug/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	207-08-9	BENZO(K)FLUORANTHENE	18	U	7.4	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	208-96-8	ACENAPHTHYLENE	18	U	3.7	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	218-01-9	CHRYSENE	25		3.7	18	ug/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	50-32-8	BENZO(A)PYRENE	9.6	J	7.4	18	ug/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	53-70-3	DIBENZO(A,H)ANTHRACENE	18	U	7.4	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	56-55-3	BENZO(A)ANTHRACENE	9.6	J	7.4	18	ug/kg	J	J	J	Z	MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	62-75-9	N-NITROSODIMETHYLAMINE	18	U	7.4	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	83-32-9	ACENAPHTHENE	18	U	7.4	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	85-01-8	PHENANTHRENE	22		7.4	18	ug/kg					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	86-73-7	FLUORENE	18	U	7.4	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	90-12-0	1-METHYLNAPHTHALENE	18	U	7.4	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	91-20-3	NAPHTHALENE	18	U	7.4	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	8270C SIM	12/23/2010		3550B	DE036	9.7	10	91-57-6	2-METHYLNAPHTHALENE	18	U	7.4	18	ug/kg		U			MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	9045M	12/15/2010		Gen Prep	DE036	9.7	1	pH	PH	7.35		0.0100	0.0100	pH unit					MDL	PQL	6350748.472	1909821.312
SED-029-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163610	ASTM D1498	12/15/2010		Gen Prep	DE036	9.7	1	REDOX	Oxidation Reduction Potential	461		10.0	10.0	mv					MDL	PQL	6350748.472	1909821.312
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	160.3M	12/15/2010		Gen Prep	DX020	16.3	1	MOIST	MOISTURE	16.3		0.50	0.50	%					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	1746-01-6	2,3,7,8-TCDD	1.19	U	0.208	1.19	ng/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.836	J	0.284	5.97	ng/kg	J	JBQ	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	3268-87-9	OCDD	381		0.593	11.9	ng/kg		B			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	40.6		0.566	5.97	ng/kg		B			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	39001-02-0	OCDF	21.5		0.446	11.9	ng/kg		B			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.368	J	0.274	5.97	ng/kg	J	JBQ	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	40321-76-4	1,2,3,7,8-PECDD	5.97	U	0.254	5.97	ng/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	51207-31-9	2,3,7,8-TCDF	1.19	U	0.318	1.19	ng/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.97	U	0.518	5.97	ng/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	57117-31-4	2,3,4,7,8-PECDF	0.844	J	0.172	5.97	ng/kg	J	JB	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	57117-41-6	1,2,3,7,8-PECDF	1.71	J	0.170	5.97	ng/kg	J	JB	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.326	J	0.184	5.97	ng/kg	J	JBQ	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	57653-85-7	1,2,3,6,7,8-HXCDD	1.12	J	0.286	5.97	ng/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.674	J	0.223	5.97	ng/kg	J	JB	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	7.35		0.297	5.97	ng/kg		BQ			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.523	J	0.234	5.97	ng/kg	J	JBQ	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163648	1613B	1/12/2011		METHOD	DX020	16.3	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.97	U	0.287	5.97	ng/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	300.0	1/4/2011		METHOD	DE036	16.3	1	16984-48-8	FLUORIDE	1.2	U	0.96	1.2	mg/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	314.0	12/30/2010		METHOD	DE036	16.3	1	14797-73-0	PERCHLORATE	35.8	U	10.8	35.8	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/24/2010	NA	3050B	DE036	16.3	1	7440-23-5	SODIUM	78.9	J	42.8	115	mg/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/22/2010	NA	3050B	DE036	16.3	1	7440-32-6	TITANIUM	1460		0.437	1.15	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7429-90-5	ALUMINUM	17700		5.78	23.0	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7439-89-6	IRON	26600		5.41	23.0	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7439-93-2	LITHIUM	28.8		0.25	2.3	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7439-95-4	MAGNESIUM	5770		2.92	11.5	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7439-96-5	MANGANESE	399		0.0896	0.574	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7440-09-7	POTASSIUM	5000		20.7	57.4	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7440-24-6	STRONTIUM	29.1		0.0712	0.574	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7440-31-5	TIN	11.5	U	1.15	11.5	mg/kg	U	J	U	B, Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7440-42-8	BORON	7.59		1.02	5.74	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7440-67-7	Zirconium	1.44	J	0.965	5.74	mg/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7440-70-2	CALCIUM	4700		7.04	23.0	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6010B	12/21/2010	NA	3050B	DE036	16.3	1	7723-14-0	PHOSPHORUS	700		0.643	11.5	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7782-49-2	SELENIUM	0.209	J	0.0478	0.478	mg/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7439-98-7	MOLYBDENUM	0.876	J	0.0597	0.119	mg/kg	J		J	Q	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-39-3	BARIUM	202	J	0.129	0.478	mg/kg	J		J	E, *#	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7439-92-1	LEAD	19.8	J	0.0124	0.239	mg/kg	J		J	E, Q	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-02-0	NICKEL	22.2	J	0.119	0.478	mg/kg	J		J	E, Q	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-22-4	SILVER	0.0806	J	0.0143	0.119	mg/kg	J	J	J	Q, Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-28-0	THALLIUM	0.394		0.0358	0.119	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-36-0	ANTIMONY	0.115	J	0.0717	0.239	mg/kg	J	J	J	Q, E, Z	MDL	PQL	6351148.032	1910003.94

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-38-2	ARSENIC	7.83	J	0.0717	0.478	mg/kg	J		J	E, Q	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-41-7	BERYLLIUM	0.785	J	0.0191	0.119	mg/kg	J		J	E, Q	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-43-9	CADMIUM	0.461	J	0.0430	0.119	mg/kg	J		J	Q	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-47-3	CHROMIUM	33.4	J	0.143	0.478	mg/kg	J		J	Q	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-48-4	COBALT	9.86	J	0.0239	0.119	mg/kg	J		J	E, Q	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-50-8	COPPER	18.1	J	0.0789	0.478	mg/kg	J		J	E, Q	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-62-2	VANADIUM	56.4		0.0263	0.119	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	6020	12/26/2010	NA	3050B	DE036	16.3	2	7440-66-6	ZINC	122		0.669	3.58	mg/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	7199	1/5/2011		3060A	DE036	16.3	1	18540-29-9	HEXAVALENT CHROMIUM	0.7	J	0.24	1.2	mg/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	7471A	12/20/2010	NA	METHOD	DE036	16.3	1	7439-97-6	MERCURY	0.0222	J	0.0032	0.113	mg/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	1024-57-3	HEPTACHLOR EPOXIDE	0.28	U	0.28	0.28	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	1031-07-8	ENDOSULFAN SULFATE	0.41	U	0.079	0.41	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	2385-85-5	MIREX	0.41	U	0.15	0.41	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	309-00-2	ALDRIN	0.2	U	0.079	0.20	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	319-84-6	ALPHA-BHC	0.2	U	0.050	0.20	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	319-85-7	BETA-BHC	0.54		0.072	0.20	ug/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	319-86-8	DELTA-BHC	0.2	U	0.043	0.20	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	33213-65-9	ENDOSULFAN II	0.41	U	0.37	0.41	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	50-29-3	4,4'-DDT	2.6	U	2.6	2.6	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	53494-70-5	ENDRIN KETONE	0.41	U	0.35	0.41	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	57-74-9	Chlordane	4.7	U	4.7	4.7	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	58-89-9	gamma-BHC (Lindane)	0.2	U	0.062	0.20	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	60-57-1	DIELDRIN	0.44	U	0.44	0.44	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	72-20-8	ENDRIN	0.41	U	0.079	0.41	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	72-43-5	METHOXYCHLOR	2	U	0.41	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	72-54-8	4,4'-DDD	1.9	U	1.9	1.9	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	72-55-9	4,4'-DDE	1.1	U	1.1	1.1	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	7421-93-4	ENDRIN ALDEHYDE	0.61	U	0.61	0.61	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	76-44-8	HEPTACHLOR	0.2	U	0.072	0.20	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	8001-35-2	TOXAPHENE	7.9	U	2.6	7.9	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8081A	12/31/2010		3550B	DE036	16.3	1	959-98-8	ENDOSULFAN I	0.2	U	0.053	0.20	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	11096-82-5	AROCLOR 1260	5.6		0.79	4.1	ug/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	11097-69-1	AROCLOR 1254	6.3		0.79	4.1	ug/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	11100-14-4	Aroclor 1268	4.1	U	0.79	4.1	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	11104-28-2	AROCLOR 1221	4.1	U	1.2	4.1	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	11126-42-4	Aroclor 5460	6.7	J	2.4	7.9	ug/kg	J	J	J	L, Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	11141-16-5	AROCLOR 1232	4.1	U	1.2	4.1	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	12642-23-8	Aroclor 5442	7.9	UJ	2.4	7.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	12672-29-6	AROCLOR 1248	4.1	U	0.79	4.1	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	12674-11-2	AROCLOR 1016	4.1	U	0.79	4.1	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	37324-23-5	Aroclor 1262	4.1	U	0.79	4.1	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	53469-21-9	AROCLOR 1242	4.1	U	1.2	4.1	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8082	12/22/2010		3550B	DE036	16.3	2	63496-31-1	Aroclor 5432	7.9	UJ	2.4	7.9	ug/kg	UJ	U	UJ	L	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8151A	12/28/2010		3550B	DE036	16.3	1	120-36-5	DICHLOROPROP	2	U	0.96	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8151A	12/28/2010		3550B	DE036	16.3	1	1918-00-9	DICAMBA	0.78	J	0.48	1.4	ug/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8151A	12/28/2010		3550B	DE036	16.3	1	75-99-0	DALAPON	11	U	5.3	11	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8151A	12/28/2010		3550B	DE036	16.3	1	88-85-7	DINOSEB	2.9	R	0.96	2.9	ug/kg	R	U	R	L	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8151A	12/28/2010		3550B	DE036	16.3	1	93-65-2	MCPP	300	U	90	300	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8151A	12/28/2010		3550B	DE036	16.3	1	93-72-1	2,4,5-TP (Silvex)	0.2	U	0.090	0.20	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8151A	12/28/2010		3550B	DE036	16.3	1	93-76-5	2,4,5-T	0.2	U	0.098	0.20	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8151A	12/28/2010		3550B	DE036	16.3	1	94-74-6	MCPA	500	U	500	500	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8151A	12/28/2010		3550B	DE036	16.3	1	94-75-7	2,4-D	3	J	1.4	4.3	ug/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8151A	12/28/2010		3550B	DE036	16.3	1	94-82-6	2,4-DB	12	U	12	12	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	100-01-6	4-NITROANILINE	200	U	80	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	100-02-7	4-NITROPHENOL	600	U	200	600	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	100-51-6	BENZYL ALCOHOL	600	U	200	600	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	105-67-9	2,4-DIMETHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	106-44-5	4-METHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	106-46-7	1,4-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	106-47-8	4-CHLOROANILINE	200	U	80	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	108-68-9	3,5-Dimethylphenol	200	U	40	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	108-95-2	PHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	56	J	20	400	ug/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	118-74-1	HEXACHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	120-82-1	1,2,4-TRICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	120-83-2	2,4-DICHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	121-14-2	2,4-DINITROTOLUENE	200	U	40	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	132-64-9	DIBENZOFURAN	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	51-28-5	2,4-DINITROPHENOL	2400	U	800	2400	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	600	U	200	600	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	541-73-1	1,3-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	59-50-7	4-CHLORO-3-METHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	606-20-2	2,6-DINITROTOLUENE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	62-53-3	ANILINE	600	U	200	600	ug/kg		U			MDL	PQL	6351148.032	1910003.94

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	65-85-0	BENZOIC ACID	600	U	200	600	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	67-72-1	HEXACHLOROETHANE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	200	U	40	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	600	U	200	600	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	78-59-1	ISOPHORONE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	86-30-6	N-NITROSODIPHENYLAMINE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	86-74-8	CARBAZOLE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	87-68-3	HEXACHLOROBUTADIENE	200	U	80	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	87-86-5	PENTACHLOROPHENOL	600	U	200	600	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	88-06-2	2,4,6-TRICHLOROPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	88-74-4	2-NITROANILINE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	88-75-5	2-NITROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	91-58-7	2-CHLORONAPHTHALENE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	91-94-1	3,3'-DICHLOROBENZIDINE	400	UJ	120	400	ug/kg	UJ	U	UJ	L	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	92-87-5	BENZIDINE	4000	U	1400	4000	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	95-48-7	2-METHYLPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	95-50-1	1,2-DICHLOROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	95-57-8	2-CHLOROPHENOL	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	95-95-4	2,4,5-TRICHLOROPHENOL	200	U	40	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	98-95-3	NITROBENZENE	200	U	20	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C	1/14/2011		3550B	DE036	16.3	1	99-09-2	3-NITROANILINE	200	U	40	200	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	117-84-0	Di-n-octylphthalate	22	U	7.2	22	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	120-12-7	ANTHRACENE	2	U	0.40	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	129-00-0	PYRENE	1.2	J	0.80	2.0	ug/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	131-11-3	Dimethylphthalate	22	U	7.2	22	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	191-24-2	BENZO(G,H,I)PERYLENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	205-99-2	BENZO(B)FLUORANTHENE	2		0.80	2.0	ug/kg					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	206-44-0	FLUORANTHENE	1.4	J	0.80	2.0	ug/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	207-08-9	BENZO(K)FLUORANTHENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	208-96-8	ACENAPHTHYLENE	2	U	0.40	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	218-01-9	CHRYSENE	1.6	J	0.40	2.0	ug/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	50-32-8	BENZO(A)PYRENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	56-55-3	BENZO(A)ANTHRACENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	62-75-9	N-NITROSODIMETHYLAMINE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	83-32-9	ACENAPHTHENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	84-66-2	Diethylphthalate	22	U	7.2	22	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	84-74-2	Di-n-butylphthalate	7.3	J	7.2	22	ug/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	85-01-8	PHENANTHRENE	0.89	J	0.80	2.0	ug/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	85-68-7	Butylbenzylphthalate	22	U	7.2	22	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	86-73-7	FLUORENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	90-12-0	1-METHYLNAPHTHALENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	91-20-3	NAPHTHALENE	0.83	J	0.80	2.0	ug/kg	J	J	J	Z	MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	8270C SIM	12/23/2010		3550B	DE036	16.3	1	91-57-6	2-METHYLNAPHTHALENE	2	U	0.80	2.0	ug/kg		U			MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	9045M	12/15/2010		Gen Prep	DE036	16.3	1	pH	PH	7.22		0.0100	0.0100	pH unit					MDL	PQL	6351148.032	1910003.94
SED-030-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163612	ASTM D1498	12/15/2010		Gen Prep	DE036	16.3	1	REDOX	Oxidation Reduction Potential	489		10.0	10.0	mv					MDL	PQL	6351148.032	1910003.94
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	160.3M	12/15/2010		Gen Prep	DX020	10	1	MOIST	MOISTURE	10		0.50	0.50	%					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	1746-01-6	2,3,7,8-TCDD	0.0302	J	0.0237	1.11	ng/kg	J	JQ	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	19408-74-3	1,2,3,7,8,9-HXCDD	1.18	J	0.0388	5.56	ng/kg	J	JB	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	3268-87-9	OCDD	1310		0.103	11.1	ng/kg		B			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	103		0.0878	5.56	ng/kg		B			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	39001-02-0	OCDF	99.4		0.0466	11.1	ng/kg		B			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.578	J	0.0416	5.56	ng/kg	J	JB	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	40321-76-4	1,2,3,7,8-PECDD	0.385	J	0.0470	5.56	ng/kg	J	JB	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	51207-31-9	2,3,7,8-TCDF	0.331	J	0.0571	1.11	ng/kg	J	JQ	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.07	J	0.0770	5.56	ng/kg	J	JB	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	57117-31-4	2,3,4,7,8-PECDF	0.812	J	0.0292	5.56	ng/kg	J	JB	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	57117-41-6	1,2,3,7,8-PECDF	1.21	J	0.0304	5.56	ng/kg	J	JB	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.541	J	0.0277	5.56	ng/kg	J	JB	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	57653-85-7	1,2,3,6,7,8-HXCDD	3.05	J	0.0390	5.56	ng/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.768	J	0.0317	5.56	ng/kg	J	JB	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	22.8		0.0481	5.56	ng/kg		B			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.593	J	0.0306	5.56	ng/kg	J	JB	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163647	1613B	1/5/2011		METHOD	DX020	10	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.56	U	0.0354	5.56	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	300.0	1/4/2011		METHOD	DE036	10	1	16984-48-8	FLUORIDE	1.4		0.89	1.1	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	314.0	12/30/2010		METHOD	DE036	10	1	14797-73-0	PERCHLORATE	33.3	U	10	33.3	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/24/2010	NA	3050B	DE036	10	1	7440-23-5	SODIUM	54.3	J	39.9	107	mg/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/22/2010	NA	3050B	DE036	10	1	7440-32-6	TITANIUM	1200		0.406	1.07	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7429-90-5	ALUMINUM	10300		5.37	21.4	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7439-89-6	IRON	17000		5.03	21.4	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7439-93-2	LITHIUM	19.5		0.24	2.1	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7439-95-4	MAGNESIUM	3910		2.71	10.7	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7439-96-5	MANGANESE	234		0.0833	0.534	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7440-09-7	POTASSIUM	2850		19.2	53.4	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7440-24-6	STRONTIUM	16.1		0.0662	0.534	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7440-31-5	TIN	10.7	U	1.07	10.7	mg/kg	U	J	U	B, Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7440-42-8	BORON	6.11		0.951	5.34	mg/kg					MDL	PQL	6351530.799	1910430.32

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7440-67-7	Zirconium	0.92	J	0.897	5.34	mg/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7440-70-2	CALCIUM	3000		6.55	21.4	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6010B	12/21/2010	NA	3050B	DE036	10	1	7723-14-0	PHOSPHORUS	374		0.598	10.7	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7782-49-2	SELENIUM	0.151	J	0.0440	0.440	mg/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7439-98-7	MOLYBDENUM	0.584	J	0.0550	0.110	mg/kg	J		J	Q	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-39-3	BARIUM	112	J	0.119	0.440	mg/kg	J		J	E, *#	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7439-92-1	LEAD	20.2	J	0.0114	0.220	mg/kg	J		J	E, Q	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-02-0	NICKEL	15.1	J	0.110	0.440	mg/kg	J		J	E, Q	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-22-4	SILVER	0.0557	J	0.0132	0.110	mg/kg	J	J	J	Q, Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-28-0	THALLIUM	0.302		0.0330	0.110	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-36-0	ANTIMONY	0.22	R	0.0660	0.220	mg/kg	R	U	R	Q, E	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-38-2	ARSENIC	5.9	J	0.0660	0.440	mg/kg	J		J	E, Q	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-41-7	BERYLLIUM	0.546	J	0.0176	0.110	mg/kg	J		J	E, Q	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-43-9	CADMIUM	0.255	J	0.0396	0.110	mg/kg	J		J	Q	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-47-3	CHROMIUM	25.1	J	0.132	0.440	mg/kg	J		J	Q	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-48-4	COBALT	7.18	J	0.0220	0.110	mg/kg	J		J	E, Q	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-50-8	COPPER	12.7	J	0.0726	0.440	mg/kg	J		J	E, Q	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-62-2	VANADIUM	44.2		0.0242	0.110	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	6020	12/26/2010	NA	3050B	DE036	10	2	7440-66-6	ZINC	89.1		0.616	3.30	mg/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	7199	1/5/2011		3060A	DE036	10	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.22	1.1	mg/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	7471A	12/20/2010	NA	METHOD	DE036	10	1	7439-97-6	MERCURY	0.0049	J	0.0030	0.105	mg/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	1024-57-3	HEPTACHLOR EPOXIDE	0.18	U	0.11	0.18	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	1031-07-8	ENDOSULFAN SULFATE	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	2385-85-5	MIREX	0.38	U	0.24	0.38	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	309-00-2	ALDRIN	0.18	U	0.073	0.18	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	319-84-6	ALPHA-BHC	0.18	U	0.038	0.18	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	319-85-7	BETA-BHC	0.18	U	0.13	0.18	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	319-86-8	DELTA-BHC	0.18	U	0.10	0.18	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	33213-65-9	ENDOSULFAN II	0.38	U	0.19	0.38	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	50-29-3	4,4'-DDT	2.3	U	2.3	2.3	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	53494-70-5	ENDRIN KETONE	0.38	U	0.17	0.38	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	57-74-9	Chlordane	3.8	U	2.4	3.8	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	58-89-9	gamma-BHC (Lindane)	0.18	U	0.051	0.18	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	60-57-1	DIELDRIN	0.38	U	0.28	0.38	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	72-20-8	ENDRIN	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	72-43-5	METHOXYCHLOR	1.8	U	0.93	1.8	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	72-54-8	4,4'-DDD	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	72-55-9	4,4'-DDE	1.1	U	1.1	1.1	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	7421-93-4	ENDRIN ALDEHYDE	0.38	U	0.073	0.38	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	76-44-8	HEPTACHLOR	0.18	U	0.067	0.18	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	8001-35-2	TOXAPHENE	7.3	U	2.4	7.3	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8081A	12/31/2010		3550B	DE036	10	1	959-98-8	ENDOSULFAN I	0.18	U	0.049	0.18	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	11096-82-5	AROCLOR 1260	5.3	J	1.8	9.4	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	11097-69-1	AROCLOR 1254	8.4	J	1.8	9.4	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	11100-14-4	Aroclor 1268	9.4	U	1.8	9.4	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	11104-28-2	AROCLOR 1221	9.4	U	2.8	9.4	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	11126-42-4	Aroclor 5460	9.3	J	5.6	18	ug/kg	J	J	J	L, Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	11141-16-5	AROCLOR 1232	9.4	U	2.9	9.4	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	12642-23-8	Aroclor 5442	18	UJ	5.6	18	ug/kg	UJ	U	UJ	L	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	12672-29-6	AROCLOR 1248	9.4	U	1.8	9.4	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	12674-11-2	AROCLOR 1016	9.4	U	1.8	9.4	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	37324-23-5	Aroclor 1262	9.4	U	1.8	9.4	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	53469-21-9	AROCLOR 1242	9.4	U	2.8	9.4	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8082	12/22/2010		3550B	DE036	10	5	63496-31-1	Aroclor 5432	18	UJ	5.6	18	ug/kg	UJ	U	UJ	L	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8151A	12/28/2010		3550B	DE036	10	1	120-36-5	DICHLOROPROP	1.9	U	0.89	1.9	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8151A	12/28/2010		3550B	DE036	10	1	1918-00-9	DICAMBA	0.69	J	0.44	1.3	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8151A	12/28/2010		3550B	DE036	10	1	75-99-0	DALAPON	10	U	4.9	10	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8151A	12/28/2010		3550B	DE036	10	1	88-85-7	DINOSEB	2.7	R	0.89	2.7	ug/kg	R	U	R	L	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8151A	12/28/2010		3550B	DE036	10	1	93-65-2	MCPP	280	U	83	280	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8151A	12/28/2010		3550B	DE036	10	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.083	0.19	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8151A	12/28/2010		3550B	DE036	10	1	93-76-5	2,4,5-T	0.19	U	0.091	0.19	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8151A	12/28/2010		3550B	DE036	10	1	94-74-6	MCPA	280	U	84	280	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8151A	12/28/2010		3550B	DE036	10	1	94-75-7	2,4-D	4	U	1.3	4.0	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8151A	12/28/2010		3550B	DE036	10	1	94-82-6	2,4-DB	16	U	16	16	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	100-01-6	4-NITROANILINE	190	U	74	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	100-02-7	4-NITROPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	100-51-6	BENZYL ALCOHOL	560	U	190	560	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	106-44-5	4-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	106-47-8	4-CHLOROANILINE	190	U	74	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	108-68-9	3,5-Dimethylphenol	190	U	37	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	38	J	19	370	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	121-14-2	2,4-DINITROTOLUENE	190	U	37	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	51-28-5	2,4-DINITROPHENOL	2200	U	740	2200	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	62-53-3	ANILINE	560	U	190	560	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	65-85-0	BENZOIC ACID	560	U	190	560	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	37	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	560	U	190	560	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	87-68-3	HEXACHLOROBUTADIENE	190	U	74	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	87-86-5	PENTACHLOROPHENOL	560	U	190	560	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	91-94-1	3,3'-DICHLOROBENZIDINE	370	UJ	110	370	ug/kg	UJ	U	UJ	L	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	92-87-5	BENZIDINE	3700	U	1300	3700	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	95-48-7	2-METHYLPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	37	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C	1/14/2011		3550B	DE036	10	1	99-09-2	3-NITROANILINE	190	U	37	190	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	117-84-0	Di-n-octylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	120-12-7	ANTHRACENE	0.43	J	0.37	1.9	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	129-00-0	PYRENE	2.3		0.74	1.9	ug/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	131-11-3	Dimethylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	205-99-2	BENZO(B)FLUORANTHENE	2.7		0.74	1.9	ug/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	206-44-0	FLUORANTHENE	3		0.74	1.9	ug/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	207-08-9	BENZO(K)FLUORANTHENE	0.85	J	0.74	1.9	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.37	1.9	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	218-01-9	CHRYSENE	2.2		0.37	1.9	ug/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	50-32-8	BENZO(A)PYRENE	1.1	J	0.74	1.9	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	56-55-3	BENZO(A)ANTHRACENE	0.99	J	0.74	1.9	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	83-32-9	ACENAPHTHENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	84-66-2	Diethylphthalate	20	U	6.7	20	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	84-74-2	Di-n-butylphthalate	13	J	6.7	20	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	85-01-8	PHENANTHRENE	1.6	J	0.74	1.9	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	85-68-7	Butylbenzylphthalate	7.2	J	6.7	20	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	86-73-7	FLUORENE	2		0.74	1.9	ug/kg					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	91-20-3	NAPHTHALENE	1.1	J	0.74	1.9	ug/kg	J	J	J	Z	MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	8270C SIM	12/23/2010		3550B	DE036	10	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.74	1.9	ug/kg		U			MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	9045M	12/15/2010		Gen Prep	DE036	10	1	pH	PH	6.92		0.0100	0.0100	pH unit					MDL	PQL	6351530.799	1910430.32
SED-031-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163611	ASTM D1498	12/15/2010		Gen Prep	DE036	10	1	REDOX	Oxidation Reduction Potential	480		10.0	10.0	mv					MDL	PQL	6351530.799	1910430.32
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	160.3M	12/15/2010		Gen Prep	DX021	12.6	1	MOIST	MOISTURE	12.6		0.50	0.50	%					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	1746-01-6	2,3,7,8-TCDD	0.228		0.0289	1.14	ng/kg		JB			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	19408-74-3	1,2,3,7,8,9-HXCDD	3.68		0.0344	5.72	ng/kg		JB			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	3268-87-9	OCDD	982		0.0714	11.4	ng/kg		B			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	86.8		0.0896	5.72	ng/kg		B			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	39001-02-0	OCDF	43.1	U	0.0261	43.1	ng/kg	U	B	U	B, Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	39227-28-6	1,2,3,4,7,8-HxCDD	5.72	U	0.0334	5.72	ng/kg	U	JB	U	B, Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	40321-76-4	1,2,3,7,8-PECDD	1.4	J	0.0530	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	51207-31-9	2,3,7,8-TCDF	0.556	J	0.0564	1.14	ng/kg	J	JBQ	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.13	J	0.0370	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	57117-31-4	2,3,4,7,8-PECDF	5.72	U	0.0214	5.72	ng/kg	U	JB	U	B, Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	57117-41-6	1,2,3,7,8-PECDF	5.72	U	0.0222	5.72	ng/kg	U	JB	U	B, Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.72	U	0.0270	5.72	ng/kg	U	JB	U	B, Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	57653-85-7	1,2,3,6,7,8-HXCDD	4.48	J	0.0348	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	60851-34-5	2,3,4,6,7,8-HXCDF	1.46		0.0289	5.72	ng/kg		JB			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	14.6	J	0.0268	5.72	ng/kg	J	B	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.72	U	0.0302	5.72	ng/kg	U	JB	U	B, Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163912	1613B	1/15/2011		METHOD	DX021	12.6	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.369		0.0360	5.72	ng/kg		JB			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	300.0	1/5/2011		METHOD	DE037	12.6	1	16984-48-8	FLUORIDE	1.7		0.92	1.1	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	314.0	1/4/2011		METHOD	DE037	12.6	1	14797-73-0	PERCHLORATE	34.3	U	10.3	34.3	ug/kg		U			MDL	PQL	6351734.19	1910322.578

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/22/2010	NA	3050B	DE037	12.6	2	7440-32-6	TITANIUM	1030		0.853	2.24	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7429-90-5	ALUMINUM	10300		5.64	22.4	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7439-89-6	IRON	17800		5.28	22.4	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7439-93-2	LITHIUM	19.4		0.25	2.2	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7439-95-4	MAGNESIUM	4130		2.85	11.2	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7439-96-5	MANGANESE	254		0.0875	0.561	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7440-09-7	POTASSIUM	2790	J	20.2	56.1	mg/kg	J		J	Q	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7440-23-5	SODIUM	78.8	J	41.8	112	mg/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7440-24-6	STRONTIUM	18.3		0.0695	0.561	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7440-31-5	TIN	11.2	U	1.12	11.2	mg/kg	U	J	U	B, Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7440-42-8	BORON	4.97	J	0.998	5.61	mg/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7440-67-7	Zirconium	1.22	J	0.942	5.61	mg/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7440-70-2	CALCIUM	3360		6.88	22.4	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6010B	12/20/2010	NA	3050B	DE037	12.6	1	7723-14-0	PHOSPHORUS	386	J	0.628	11.2	mg/kg	J		J	Q	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/24/2010	NA	3050B	DE037	12.6	2	7440-43-9	CADMIUM	0.249	J	0.0404	0.112	mg/kg	J		J	Q	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/26/2010	NA	3050B	DE037	12.6	5	7439-92-1	LEAD	25	J	0.0292	0.561	mg/kg	J		J	Q, *#	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7782-49-2	SELENIUM	0.168	J	0.0449	0.449	mg/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7439-98-7	MOLYBDENUM	0.707	J	0.0561	0.112	mg/kg	J		J	Q	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-39-3	BARIUM	112	J	0.121	0.449	mg/kg	J		J	*#	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-02-0	NICKEL	17.6		0.112	0.449	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-22-4	SILVER	1.39	J	0.0135	0.112	mg/kg	J		J	Q	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-28-0	THALLIUM	0.298		0.0337	0.112	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-36-0	ANTIMONY	0.192	J	0.0673	0.224	mg/kg	J	J	J	Q, Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-38-2	ARSENIC	8.28	J	0.0673	0.449	mg/kg	J		J	Q	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-41-7	BERYLLIUM	0.616		0.0179	0.112	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-47-3	CHROMIUM	25.4		0.135	0.449	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-48-4	COBALT	6.3		0.0224	0.112	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-50-8	COPPER	13.1		0.0740	0.449	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-62-2	VANADIUM	42.8		0.0247	0.112	mg/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6020	12/23/2010	NA	3050B	DE037	12.6	2	7440-66-6	ZINC	109	J	0.628	3.37	mg/kg	J		J	*#	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	6850	12/20/2010		METHOD	DE037	12.6	1	14797-73-0	PERCHLORATE	5.7	U	2.4	5.7	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	7199	1/4/2011	NA	3060A	DE037	12.6	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.23	1.1	mg/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	7471A	12/20/2010	NA	METHOD	DE037	12.6	1	7439-97-6	MERCURY	0.0148	J	0.0032	0.111	mg/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	1024-57-3	HEPTACHLOR EPOXIDE	0.33	U	0.33	0.33	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	1031-07-8	ENDOSULFAN SULFATE	0.76	U	0.76	0.76	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	2385-85-5	MIREX	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	309-00-2	ALDRIN	0.19	U	0.079	0.19	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	319-84-6	ALPHA-BHC	0.19	U	0.039	0.19	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	319-85-7	BETA-BHC	0.35	J	0.069	0.19	ug/kg	J		J	S	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	319-86-8	DELTA-BHC	0.19	J	0.041	0.19	ug/kg	J		J	S	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	33213-65-9	ENDOSULFAN II	0.39	U	0.32	0.39	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	50-29-3	4,4'-DDT	2.4	U	2.4	2.4	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	53494-70-5	ENDRIN KETONE	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	57-74-9	Chlordane	5	U	5.0	5.0	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	58-89-9	gamma-BHC (Lindane)	0.19	U	0.039	0.19	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	60-57-1	DIELDRIN	0.47	U	0.47	0.47	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	72-20-8	ENDRIN	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	72-43-5	METHOXYCHLOR	1.9	U	0.39	1.9	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	72-54-8	4,4'-DDD	2.4	U	2.4	2.4	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	72-55-9	4,4'-DDE	1.3	U	1.3	1.3	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	7421-93-4	ENDRIN ALDEHYDE	0.62	U	0.62	0.62	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	76-44-8	HEPTACHLOR	0.19	U	0.084	0.19	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	8001-35-2	TOXAPHENE	7.6	U	2.5	7.6	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8081A	1/6/2011		3550B	DE037	12.6	1	959-98-8	ENDOSULFAN I	0.19	U	0.11	0.19	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	11096-82-5	AROCLOR 1260	9.5		0.76	3.9	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	11097-69-1	AROCLOR 1254	18		0.76	3.9	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	11100-14-4	Aroclor 1268	3.9	U	0.76	3.9	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	11104-28-2	AROCLOR 1221	3.9	U	1.1	3.9	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	11126-42-4	Aroclor 5460	8.5		2.3	7.6	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	11141-16-5	AROCLOR 1232	3.9	U	1.2	3.9	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	12642-23-8	Aroclor 5442	7.6	U	2.3	7.6	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	12672-29-6	AROCLOR 1248	3.9	U	0.76	3.9	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	12674-11-2	AROCLOR 1016	3.9	U	0.76	3.9	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	37324-23-5	Aroclor 1262	3.9	U	0.76	3.9	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	53469-21-9	AROCLOR 1242	3.9	U	1.1	3.9	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8082	12/23/2010		3550B	DE037	12.6	2	63496-31-1	Aroclor 5432	7.6	U	2.3	7.6	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8151A	12/21/2010		3550B	DE037	12.6	1	120-36-5	DICHLOROPROP	1.9	U	0.92	1.9	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8151A	12/21/2010		3550B	DE037	12.6	1	1918-00-9	DICAMBA	1.4	U	0.46	1.4	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8151A	12/21/2010		3550B	DE037	12.6	1	75-99-0	DALAPON	10	U	5.0	10	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8151A	12/21/2010		3550B	DE037	12.6	1	88-85-7	DINOSEB	2.7	R	0.92	2.7	ug/kg	R	U	R	L	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8151A	12/21/2010		3550B	DE037	12.6	1	93-65-2	MCPP	290	U	250	290	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8151A	12/21/2010		3550B	DE037	12.6	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.086	0.19	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8151A	12/21/2010		3550B	DE037	12.6	1	93-76-5	2,4,5-T	0.19	U	0.094	0.19	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8151A	12/21/2010		3550B	DE037	12.6	1	94-74-6	MCPA	1100	U	1100	1100	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8151A	12/21/2010		3550B	DE037	12.6	1	94-75-7	2,4-D	4.1	U	1.4	4.1	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8151A	12/21/2010		3550B	DE037	12.6	1	94-82-6	2,4-DB	30	U	30	30	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	100-01-6	4-NITROANILINE	190	U	76	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	100-02-7	4-NITROPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	100-51-6	BENZYL ALCOHOL	570	U	190	570	ug/kg		U			MDL	PQL	6351734.19	1910322.578

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	106-44-5	4-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	106-47-8	4-CHLOROANILINE	190	U	76	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	108-68-9	3,5-Dimethylphenol	190	U	38	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	120-12-7	ANTHRACENE	37	J	19	190	ug/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	121-14-2	2,4-DINITROTOLUENE	190	U	38	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	129-00-0	PYRENE	540		19	190	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	191-24-2	BENZO(G,H,I)PERYLENE	500		19	190	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	193-39-5	INDENO(1,2,3-CD)PYRENE	420		19	190	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	205-99-2	BENZO(B)FLUORANTHENE	680		19	190	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	206-44-0	FLUORANTHENE	420		19	190	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	207-08-9	BENZO(K)FLUORANTHENE	280		19	190	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	218-01-9	CHRYSENE	490		19	190	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	50-32-8	BENZO(A)PYRENE	650		19	190	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	51-28-5	2,4-DINITROPHENOL	2300	U	760	2300	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	53-70-3	DIBENZO(A,H)ANTHRACENE	120	J	19	190	ug/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	56-55-3	BENZO(A)ANTHRACENE	400		19	190	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	62-53-3	ANILINE	570	U	190	570	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	65-85-0	BENZOIC ACID	570	U	190	570	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	38	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	570	U	190	570	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	83-32-9	ACENAPHTHENE	43	J	19	190	ug/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	85-01-8	PHENANTHRENE	110	J	19	190	ug/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	86-74-8	CARBAZOLE	24	J	19	190	ug/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	87-68-3	HEXACHLOROBUTADIENE	190	U	76	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	87-86-5	PENTACHLOROPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	91-94-1	3,3'-DICHLOROBENZIDINE	380	U	110	380	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	92-87-5	BENZIDINE	3800	U	1300	3800	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	95-48-7	2-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C	1/4/2011		3550B	DE037	12.6	1	99-09-2	3-NITROANILINE	190	U	38	190	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	30	U	6.9	30	ug/kg	U		U	B	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	117-84-0	Di-n-octylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	131-11-3	Dimethylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	208-96-8	ACENAPHTHYLENE	0.49	J	0.38	1.9	ug/kg	J	J	J	Z	MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	84-66-2	Diethylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	84-74-2	Di-n-butylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	85-68-7	Butylbenzylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	86-73-7	FLUORENE	2		0.76	1.9	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	90-12-0	1-METHYLNAPHTHALENE	1.9		0.76	1.9	ug/kg		J			MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	91-20-3	NAPHTHALENE	6.3		0.76	1.9	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	8270C SIM	12/30/2010		3550B	DE037	12.6	1	91-57-6	2-METHYLNAPHTHALENE	2.4		0.76	1.9	ug/kg					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	9045M	12/16/2010		Gen Prep	DE037	12.6	1	pH	PH	8.48		0.0100	0.0100	pH unit					MDL	PQL	6351734.19	1910322.578
SED-032-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163887	ASTM D1498	12/16/2010		Gen Prep	DE037	12.6	1	REDOX	Oxidation Reduction Potential	435		10.0	10.0	mv					MDL	PQL	6351734.19	1910322.578
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	160.3M	12/15/2010		Gen Prep	DX021	5.8	1	MOIST	MOISTURE	5.8	U	0.50	5.8	%	U		U	B, Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	1746-01-6	2,3,7,8-TCDD	0.103		0.0315	1.06	ng/kg		JBQ			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	19408-74-3	1,2,3,7,8,9-HXCDD	2.01		0.0350	5.31	ng/kg		JB			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	3268-87-9	OCDD	407		0.0720	10.6	ng/kg		B			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	45.6		0.0756	5.31	ng/kg		B			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	39001-02-0	OCDF	20.7	U	0.0351	20.7	ng/kg	U	B	U	B, Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	39227-28-6	1,2,3,4,7,8-HxCDD	5.31	U	0.0339	5.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	40321-76-4	1,2,3,7,8-PECDD	0.874	J	0.0525	5.31	ng/kg	J	JBQ	J	Z	MDL	PQL	6351601.325	1910066.411

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	51207-31-9	2,3,7,8-TCDF	0.227	J	0.0502	1.06	ng/kg	J	JB	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.643	J	0.0398	5.31	ng/kg	J	JB	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	57117-31-4	2,3,4,7,8-PECDF	5.31	U	0.0228	5.31	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	57117-41-6	1,2,3,7,8-PECDF	5.31	U	0.0242	5.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.31	U	0.0274	5.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	57653-85-7	1,2,3,6,7,8-HXCDD	5.31	U	0.0356	5.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	60851-34-5	2,3,4,6,7,8-HXCDF	1.07		0.0290	5.31	ng/kg		JB			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	9.94	J	0.0299	5.31	ng/kg	J	B	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.31	U	0.0300	5.31	ng/kg	U	JB	U	B, Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163913	1613B	1/15/2011		METHOD	DX021	5.8	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.217		0.0343	5.31	ng/kg		JB			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	300.0	1/5/2011		METHOD	DE037	5.8	1	16984-48-8	FLUORIDE	0.9	J	0.85	1.1	mg/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	314.0	1/4/2011		METHOD	DE037	5.8	1	14797-73-0	PERCHLORATE	31.8	U	9.6	31.8	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7429-90-5	ALUMINUM	7300		5.13	20.4	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7439-89-6	IRON	13900		4.81	20.4	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7439-93-2	LITHIUM	14.9		0.22	2.0	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7439-95-4	MAGNESIUM	3090		2.59	10.2	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7439-96-5	MANGANESE	247		0.0796	0.510	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7440-09-7	POTASSIUM	1810	J	18.4	51.0	mg/kg	J		J	Q	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7440-23-5	SODIUM	64.8	J	38.1	102	mg/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7440-24-6	STRONTIUM	9.87		0.0633	0.510	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7440-31-5	TIN	10.2	U	1.02	10.2	mg/kg	U	J	U	B, Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7440-32-6	TITANIUM	759		0.388	1.02	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7440-42-8	BORON	3.23	J	0.908	5.10	mg/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7440-67-7	Zirconium	5.1	U	0.857	5.10	mg/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7440-70-2	CALCIUM	1710		6.26	20.4	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6010B	12/20/2010	NA	3050B	DE037	5.8	1	7723-14-0	PHOSPHORUS	267	J	0.572	10.2	mg/kg	J		J	Q	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/24/2010	NA	3050B	DE037	5.8	2	7440-43-9	CADMIUM	0.15	J	0.0375	0.104	mg/kg	J		J	Q	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7782-49-2	SELENIUM	0.209	J	0.0416	0.416	mg/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7439-98-7	MOLYBDENUM	0.691	J	0.0520	0.104	mg/kg	J		J	Q	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-39-3	BARIUM	133	J	0.112	0.416	mg/kg	J		J	*#	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7439-92-1	LEAD	15	J	0.0108	0.208	mg/kg	J		J	Q, *#	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-02-0	NICKEL	21.6		0.104	0.416	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-22-4	SILVER	0.329	J	0.0125	0.104	mg/kg	J		J	Q	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-28-0	THALLIUM	0.435		0.0312	0.104	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-36-0	ANTIMONY	0.286	J	0.0624	0.208	mg/kg	J		J	Q	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-38-2	ARSENIC	9.5	J	0.0624	0.416	mg/kg	J		J	Q	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-41-7	BERYLLIUM	0.782		0.0167	0.104	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-47-3	CHROMIUM	36.8		0.125	0.416	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-48-4	COBALT	7.49		0.0208	0.104	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-50-8	COPPER	15.8		0.0687	0.416	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-62-2	VANADIUM	58		0.0229	0.104	mg/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	6020	12/23/2010	NA	3050B	DE037	5.8	2	7440-66-6	ZINC	118	J	0.583	3.12	mg/kg	J		J	*#	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	7199	1/4/2011	NA	3060A	DE037	5.8	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.21	1.1	mg/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	7471A	12/20/2010	NA	METHOD	DE037	5.8	1	7439-97-6	MERCURY	0.0998	U	0.0029	0.0998	mg/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	1024-57-3	HEPTACHLOR EPOXIDE	0.18	U	0.047	0.18	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	1031-07-8	ENDOSULFAN SULFATE	0.36	U	0.070	0.36	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	2385-85-5	MIREX	0.36	U	0.070	0.36	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	309-00-2	ALDRIN	0.18	U	0.070	0.18	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	319-84-6	ALPHA-BHC	0.16	J	0.036	0.18	ug/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	319-85-7	BETA-BHC	0.18	U	0.064	0.18	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	319-86-8	DELTA-BHC	0.18	U	0.038	0.18	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	33213-65-9	ENDOSULFAN II	0.36	U	0.070	0.36	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	50-29-3	4,4'-DDT	0.37	U	0.37	0.37	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	53494-70-5	ENDRIN KETONE	0.36	U	0.070	0.36	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	57-74-9	Chlordane	3.6	U	0.85	3.6	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	58-89-9	gamma-BHC (Lindane)	0.18	U	0.036	0.18	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	60-57-1	DIELDRIN	0.36	U	0.15	0.36	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	72-20-8	ENDRIN	0.36	U	0.070	0.36	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	72-43-5	METHOXYCHLOR	1.8	U	0.36	1.8	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	72-54-8	4,4'-DDD	0.36	U	0.29	0.36	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	72-55-9	4,4'-DDE	0.36	U	0.11	0.36	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	7421-93-4	ENDRIN ALDEHYDE	0.36	U	0.070	0.36	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	76-44-8	HEPTACHLOR	0.18	U	0.064	0.18	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	8001-35-2	TOXAPHENE	7	U	2.3	7.0	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8081A	1/6/2011		3550B	DE037	5.8	1	959-98-8	ENDOSULFAN I	0.18	U	0.047	0.18	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	11096-82-5	AROCLOR 1260	2.1	J	0.70	3.6	ug/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	11097-69-1	AROCLOR 1254	1.7	J	0.70	3.6	ug/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	11100-14-4	Aroclor 1268	3.6	U	0.70	3.6	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	11104-28-2	AROCLOR 1221	3.6	U	1.1	3.6	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	11126-42-4	Aroclor 5460	7	U	2.1	7.0	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	11141-16-5	AROCLOR 1232	3.6	U	1.1	3.6	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	12642-23-8	Aroclor 5442	7	U	2.1	7.0	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	12672-29-6	AROCLOR 1248	3.6	U	0.70	3.6	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	12674-11-2	AROCLOR 1016	3.6	U	0.70	3.6	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	37324-23-5	Aroclor 1262	3.6	U	0.70	3.6	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	53469-21-9	AROCLOR 1242	3.6	U	1.1	3.6	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8082	12/23/2010		3550B	DE037	5.8	2	63496-31-1	Aroclor 5432	7	U	2.1	7.0	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8151A	12/21/2010		3550B	DE037	5.8	1	120-36-5	DICHLOROPROP	1.8	U	0.85	1.8	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8151A	12/21/2010		3550B	DE037	5.8	1	1918-00-9	DICAMBA	1.3	U	0.42	1.3	ug/kg		U			MDL	PQL	6351601.325	1910066.411

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8151A	12/21/2010		3550B	DE037	5.8	1	75-99-0	DALAPON	9.6	U	4.7	9.6	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8151A	12/21/2010		3550B	DE037	5.8	1	88-85-7	DINOSEB	2.5	R	0.85	2.5	ug/kg	R	U	R	L	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8151A	12/21/2010		3550B	DE037	5.8	1	93-65-2	MCPP	410	U	410	410	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8151A	12/21/2010		3550B	DE037	5.8	1	93-72-1	2,4,5-TP (Silvex)	0.18	U	0.080	0.18	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8151A	12/21/2010		3550B	DE037	5.8	1	93-76-5	2,4,5-T	0.18	U	0.087	0.18	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8151A	12/21/2010		3550B	DE037	5.8	1	94-74-6	MCPA	270	U	270	270	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8151A	12/21/2010		3550B	DE037	5.8	1	94-75-7	2,4-D	3.8	U	1.3	3.8	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8151A	12/21/2010		3550B	DE037	5.8	1	94-82-6	2,4-DB	5.1	U	0.66	5.1	ug/kg	U		U	B	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	100-01-6	4-NITROANILINE	180	U	71	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	100-02-7	4-NITROPHENOL	530	U	180	530	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	100-51-6	BENZYL ALCOHOL	530	U	180	530	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	105-67-9	2,4-DIMETHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	106-44-5	4-METHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	106-46-7	1,4-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	106-47-8	4-CHLOROANILINE	180	U	71	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	108-68-9	3,5-Dimethylphenol	180	U	35	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	108-95-2	PHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	118-74-1	HEXACHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	120-82-1	1,2,4-TRICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	120-83-2	2,4-DICHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	121-14-2	2,4-DINITROTOLUENE	180	U	35	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	132-64-9	DIBENZOFURAN	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	51-28-5	2,4-DINITROPHENOL	2100	U	710	2100	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	530	U	180	530	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	541-73-1	1,3-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	59-50-7	4-CHLORO-3-METHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	606-20-2	2,6-DINITROTOLUENE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	62-53-3	ANILINE	530	U	180	530	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	65-85-0	BENZOIC ACID	530	U	180	530	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	67-72-1	HEXACHLOROETHANE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	180	U	35	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	530	U	180	530	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	78-59-1	ISOPHORONE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	86-30-6	N-NITROSODIPHENYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	86-74-8	CARBAZOLE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	87-68-3	HEXACHLOROBUTADIENE	180	U	71	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	87-86-5	PENTACHLOROPHENOL	530	U	180	530	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	88-06-2	2,4,6-TRICHLOROPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	88-74-4	2-NITROANILINE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	88-75-5	2-NITROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	91-58-7	2-CHLORONAPHTHALENE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	91-94-1	3,3'-DICHLOROBENZIDINE	350	U	110	350	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	92-87-5	BENZIDINE	3500	U	1200	3500	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	95-48-7	2-METHYLPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	95-50-1	1,2-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	95-57-8	2-CHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	95-95-4	2,4,5-TRICHLOROPHENOL	180	U	35	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	98-95-3	NITROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C	1/4/2011		3550B	DE037	5.8	1	99-09-2	3-NITROANILINE	180	U	35	180	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.4	19	ug/kg	U	J	U	B, Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	117-84-0	Di-n-octylphthalate	19	U	6.4	19	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	120-12-7	ANTHRACENE	0.99	J	0.35	1.8	ug/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	129-00-0	PYRENE	15		0.71	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	131-11-3	Dimethylphthalate	19	U	6.4	19	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	191-24-2	BENZO(G,H,I)PERYLENE	11		0.71	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	193-39-5	INDENO(1,2,3-CD)PYRENE	10		0.71	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	205-99-2	BENZO(B)FLUORANTHENE	39		0.71	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	206-44-0	FLUORANTHENE	14		0.71	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	207-08-9	BENZO(K)FLUORANTHENE	14		0.71	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	218-01-9	CHRYSENE	20		0.35	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	50-32-8	BENZO(A)PYRENE	25		0.71	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	53-70-3	DIBENZO(A,H)ANTHRACENE	3.2		0.71	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	56-55-3	BENZO(A)ANTHRACENE	15		0.71	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	62-75-9	N-NITROSODIMETHYLAMINE	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	83-32-9	ACENAPHTHENE	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	84-66-2	Diethylphthalate	19	U	6.4	19	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	84-74-2	Di-n-butylphthalate	19	U	6.4	19	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	85-01-8	PHENANTHRENE	6.2		0.71	1.8	ug/kg					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	85-68-7	Butylbenzylphthalate	19	U	6.4	19	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	86-73-7	FLUORENE	1.8	U	0.71	1.8	ug/kg		U			MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	90-12-0	1-METHYLNAPHTHALENE	0.94	J	0.71	1.8	ug/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	91-20-3	NAPHTHALENE	1.1	J	0.71	1.8	ug/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	8270C SIM	12/30/2010		3550B	DE037	5.8	1	91-57-6	2-METHYLNAPHTHALENE	0.96	J	0.71	1.8	ug/kg	J	J	J	Z	MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	9045M	12/16/2010		Gen Prep	DE037	5.8	1	pH	PH	8		0.0100	0.0100	pH unit					MDL	PQL	6351601.325	1910066.411
SED-033-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163888	ASTM D1498	12/16/2010		Gen Prep	DE037	5.8	1	REDOX	Oxidation Reduction Potential	433		10.0	10.0	mv					MDL	PQL	6351601.325	1910066.411
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	160.3M	1/6/2011		Gen Prep	DE046	22.2	1	MOIST	MOISTURE	22.2		0.50	0.50	%					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	300.0	1/14/2011		METHOD	DE046	22.2	1	16984-48-8	FLUORIDE	2	J	1.0	1.3	mg/kg	J		J	Q	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	314.0	1/12/2011		METHOD	DE046	22.2	1	14797-73-0	PERCHLORATE	38.6	U	11.6	38.6	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7440-31-5	TIN	12.6	U	1.26	12.6	mg/kg	U	J	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7429-90-5	ALUMINUM	8990		6.34	25.2	mg/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7439-89-6	IRON	15700		5.94	25.2	mg/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7439-93-2	LITHIUM	22.6	J	0.28	2.5	mg/kg	J		J	*#	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7439-95-4	MAGNESIUM	3960		3.20	12.6	mg/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7439-96-5	MANGANESE	218		0.0983	0.630	mg/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7440-09-7	POTASSIUM	2630		22.7	63.0	mg/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7440-23-5	SODIUM	56.6	J	47.0	126	mg/kg	J	J	J	Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7440-24-6	STRONTIUM	8.22	J	0.0781	0.630	mg/kg	J		J	*#	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7440-32-6	TITANIUM	826		0.479	1.26	mg/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7440-42-8	BORON	5.57	J	1.12	6.30	mg/kg	J	J	J	Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7440-67-7	Zirconium	6.3	U	1.06	6.30	mg/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7440-70-2	CALCIUM	2330		7.72	25.2	mg/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6010B	12/30/2010	NA	3050B	DE046	22.2	1	7723-14-0	PHOSPHORUS	404		0.706	12.6	mg/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/6/2011	NA	3050B	DE046	22.2	2	7782-49-2	SELENIUM	0.143	J	0.0494	0.494	mg/kg	J	J	J	Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7439-98-7	MOLYBDENUM	0.357	J	0.0618	0.124	mg/kg	J		J	E, Q	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-39-3	BARIUM	76.1	J	0.133	0.494	mg/kg	J		J	E, *#	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7439-92-1	LEAD	12.7	J	0.0129	0.247	mg/kg	J		J	E, *#	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-02-0	NICKEL	9.34	J	0.124	0.494	mg/kg	J		J	E, Q, *#	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-22-4	SILVER	0.0249	J	0.0148	0.124	mg/kg	J	J	J	Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-28-0	THALLIUM	0.252	J	0.0371	0.124	mg/kg	J		J	Q	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-36-0	ANTIMONY	0.247	UJ	0.0742	0.247	mg/kg	UJ	U	UJ	Q	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-38-2	ARSENIC	5.3	J	0.0742	0.494	mg/kg	J		J	E, Q	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-41-7	BERYLLIUM	0.459		0.0198	0.124	mg/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-43-9	CADMIUM	0.167	J	0.0445	0.124	mg/kg	J		J	Q	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-47-3	CHROMIUM	13	J	0.148	0.494	mg/kg	J		J	E	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-48-4	COBALT	4.99	J	0.0247	0.124	mg/kg	J		J	E	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-50-8	COPPER	6.53	J	0.0816	0.494	mg/kg	J		J	E	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-62-2	VANADIUM	27.7	J	0.0272	0.124	mg/kg	J		J	E, Q, *#	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	6020	1/5/2011	NA	3050B	DE046	22.2	2	7440-66-6	ZINC	93.8	J	0.692	3.71	mg/kg	J		J	E, *#	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	7199	1/20/2011		3060A	DE046	22.2	1	18540-29-9	HEXAVALENT CHROMIUM	1.3	U	0.26	1.3	mg/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	7471A	12/28/2010	NA	METHOD	DE046	22.2	1	7439-97-6	MERCURY	0.121	U	0.0035	0.121	mg/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	1024-57-3	HEPTACHLOR EPOXIDE	0.21	R	0.044	0.21	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	1031-07-8	ENDOSULFAN SULFATE	0.44	R	0.29	0.44	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	2385-85-5	MIREX	0.44	R	0.36	0.44	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	309-00-2	ALDRIN	0.21	R	0.085	0.21	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	319-84-6	ALPHA-BHC	0.21	R	0.044	0.21	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	319-85-7	BETA-BHC	0.21	R	0.077	0.21	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	319-86-8	DELTA-BHC	0.21	R	0.046	0.21	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	33213-65-9	ENDOSULFAN II	0.44	R	0.085	0.44	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	50-29-3	4,4'-DDT	0.44	R	0.37	0.44	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	53494-70-5	ENDRIN KETONE	0.44	R	0.085	0.44	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	57-74-9	Chlordane	4.4	R	1.0	4.4	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	58-89-9	gamma-BHC (Lindane)	0.21	R	0.044	0.21	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	60-57-1	DIELDRIN	0.44	R	0.085	0.44	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	72-20-8	ENDRIN	0.44	R	0.085	0.44	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	72-43-5	METHOXYCHLOR	2.1	R	0.44	2.1	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	72-54-8	4,4'-DDD	0.44	R	0.085	0.44	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	72-55-9	4,4'-DDE	0.44	R	0.25	0.44	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	7421-93-4	ENDRIN ALDEHYDE	0.44	R	0.085	0.44	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	76-44-8	HEPTACHLOR	0.21	R	0.077	0.21	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	8001-35-2	TOXAPHENE	8.5	R	2.8	8.5	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8081A	1/15/2011		3550B	DE046	22.2	1	959-98-8	ENDOSULFAN I	0.21	R	0.057	0.21	ug/kg	R	U	R	S	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	11096-82-5	AROCLOR 1260	1.3	J	0.42	2.2	ug/kg	J	J	J	S, Z, *#	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	11097-69-1	AROCLOR 1254	1.7	J	0.42	2.2	ug/kg	J	J	J	S, Z, *#	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	11100-14-4	Aroclor 1268	2.2	U	0.42	2.2	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	11104-28-2	AROCLOR 1221	2.2	U	0.64	2.2	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	11126-42-4	Aroclor 5460	1.5	J	1.3	4.2	ug/kg	J	J	J	S, L, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	11141-16-5	AROCLOR 1232	2.2	U	0.67	2.2	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	12642-23-8	Aroclor 5442	4.2	UJ	1.3	4.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	12672-29-6	AROCLOR 1248	2.2	U	0.42	2.2	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	12674-11-2	AROCLOR 1016	2.2	U	0.42	2.2	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	37324-23-5	Aroclor 1262	2.2	U	0.42	2.2	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	53469-21-9	AROCLOR 1242	2.2	U	0.64	2.2	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8082	1/5/2011		3550B	DE046	22.2	1	63496-31-1	Aroclor 5432	4.2	UJ	1.3	4.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8151A	1/7/2011		3550B	DE046	22.2	1	120-36-5	DICHLOROPROP	2.2	U	1.0	2.2	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8151A	1/7/2011		3550B	DE046	22.2	1	1918-00-9	DICAMBA	1.5	U	0.51	1.5	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8151A	1/7/2011		3550B	DE046	22.2	1	75-99-0	DALAPON	12	U	5.7	12	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8151A	1/7/2011		3550B	DE046	22.2	1	88-85-7	DINOSEB	3.1	U	1.0	3.1	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8151A	1/7/2011		3550B	DE046	22.2	1	93-65-2	MCPP	320	U	96	320	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8151A	1/7/2011		3550B	DE046	22.2	1	93-72-1	2,4,5-TP (Silvex)	0.22	U	0.096	0.22	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8151A	1/7/2011		3550B	DE046	22.2	1	93-76-5	2,4,5-T	0.22	U	0.11	0.22	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8151A	1/7/2011		3550B	DE046	22.2	1	94-74-6	MCPA	320	U	98	320	ug/kg		U			MDL	PQL	6347199.295	1907243.696

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8151A	1/7/2011		3550B	DE046	22.2	1	94-75-7	2,4-D	4.6	U	1.5	4.6	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8151A	1/7/2011		3550B	DE046	22.2	1	94-82-6	2,4-DB	2.2	U	1.2	2.2	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	100-01-6	4-NITROANILINE	210	U	86	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	100-02-7	4-NITROPHENOL	640	U	210	640	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	100-51-6	BENZYL ALCOHOL	640	U	210	640	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	105-67-9	2,4-DIMETHYLPHENOL	210	U	43	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	106-44-5	4-METHYLPHENOL	210	U	43	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	106-46-7	1,4-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	106-47-8	4-CHLOROANILINE	210	U	86	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	108-68-9	3,5-Dimethylphenol	210	U	43	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	108-95-2	PHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	118-74-1	HEXACHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	120-82-1	1,2,4-TRICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	120-83-2	2,4-DICHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	121-14-2	2,4-DINITROTOLUENE	210	U	43	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	132-64-9	DIBENZOFURAN	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	51-28-5	2,4-DINITROPHENOL	2600	U	860	2600	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	640	U	210	640	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	541-73-1	1,3-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	59-50-7	4-CHLORO-3-METHYLPHENOL	210	U	43	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	606-20-2	2,6-DINITROTOLUENE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	62-53-3	ANILINE	640	U	210	640	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	65-85-0	BENZOIC ACID	640	U	210	640	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	67-72-1	HEXACHLOROETHANE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	210	U	43	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	640	U	210	640	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	78-59-1	ISOPHORONE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	85-68-7	Butylbenzylphthalate	32	J	21	210	ug/kg	J	J	J	Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	86-30-6	N-NITROSODIPHENYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	86-74-8	CARBAZOLE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	87-68-3	HEXACHLOROBUTADIENE	210	U	86	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	87-86-5	PENTACHLOROPHENOL	640	U	210	640	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	88-06-2	2,4,6-TRICHLOROPHENOL	210	U	43	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	88-74-4	2-NITROANILINE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	88-75-5	2-NITROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	91-58-7	2-CHLORONAPHTHALENE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	91-94-1	3,3'-DICHLOROBENZIDINE	430	U	130	430	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	92-87-5	BENZIDINE	4300	U	1500	4300	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	95-48-7	2-METHYLPHENOL	210	U	43	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	95-50-1	1,2-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	95-57-8	2-CHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	95-95-4	2,4,5-TRICHLOROPHENOL	210	U	43	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	98-95-3	NITROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C	1/19/2011		3550B	DE046	22.2	1	99-09-2	3-NITROANILINE	210	U	43	210	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	29		7.7	23	ug/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	117-84-0	Di-n-octylphthalate	23	U	7.7	23	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	120-12-7	ANTHRACENE	2.1	U	0.43	2.1	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	129-00-0	PYRENE	3.5		0.86	2.1	ug/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	131-11-3	Dimethylphthalate	23	U	7.7	23	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	191-24-2	BENZO(G,H,I)PERYLENE	2.3		0.86	2.1	ug/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	J	0.86	2.1	ug/kg	J	J	J	Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	205-99-2	BENZO(B)FLUORANTHENE	5		0.86	2.1	ug/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	206-44-0	FLUORANTHENE	3.7		0.86	2.1	ug/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	207-08-9	BENZO(K)FLUORANTHENE	2.6		0.86	2.1	ug/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	208-96-8	ACENAPHTHYLENE	2.1	U	0.43	2.1	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	218-01-9	CHRYSENE	4.5		0.43	2.1	ug/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	50-32-8	BENZO(A)PYRENE	2.3		0.86	2.1	ug/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.1	U	0.86	2.1	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	56-55-3	BENZO(A)ANTHRACENE	1.2	J	0.86	2.1	ug/kg	J	J	J	Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	62-75-9	N-NITROSODIMETHYLAMINE	2.1	U	0.86	2.1	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	83-32-9	ACENAPHTHENE	2.1	U	0.86	2.1	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	84-66-2	Diethylphthalate	23	U	7.7	23	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	84-74-2	Di-n-butylphthalate	23	U	7.7	23	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	85-01-8	PHENANTHRENE	2	J	0.86	2.1	ug/kg	J	J	J	Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	86-73-7	FLUORENE	3.4		0.86	2.1	ug/kg					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	90-12-0	1-METHYLNAPHTHALENE	2.1	U	0.86	2.1	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	91-20-3	NAPHTHALENE	1.1	J	0.86	2.1	ug/kg	J	J	J	Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	8270C SIM	1/12/2011		3550B	DE046	22.2	1	91-57-6	2-METHYLNAPHTHALENE	2.1	U	0.86	2.1	ug/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	9045M	12/27/2010		Gen Prep	DE046	22.2	1	pH	PH	6.61		0.0100	0.0100	pH unit					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172044	ASTM D1498	12/27/2010		Gen Prep	DE046	22.2	1	REDOX	Oxidation Reduction Potential	513		10.0	10.0	mv					MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	1746-01-6	2,3,7,8-TCDD	1.29	U	0.0506	1.29	ng/kg		U			MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	19408-74-3	1,2,3,7,8,9-HXCDD	6.43	U	0.0620	6.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	3268-87-9	OCDD	21.4		0.0742	12.9	ng/kg		B			MDL	PQL	6347199.295	1907243.696

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	3.56	J	0.0862	6.43	ng/kg	J	JB	J	Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	39001-02-0	OCDF	12.9	U	0.0815	12.9	ng/kg	U	JB	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	39227-28-6	1,2,3,4,7,8-HxCDD	6.43	U	0.0623	6.43	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	40321-76-4	1,2,3,7,8-PECDD	6.43	U	0.0481	6.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	51207-31-9	2,3,7,8-TCDF	1.29	U	0.0753	1.29	ng/kg	U	JQ	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.43	U	0.0725	6.43	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	57117-31-4	2,3,4,7,8-PECDF	6.43	U	0.0386	6.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	57117-41-6	1,2,3,7,8-PECDF	6.43	U	0.0389	6.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	57117-44-9	1,2,3,6,7,8-HXCDF	6.43	U	0.0469	6.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	57653-85-7	1,2,3,6,7,8-HXCDD	6.43	U	0.0674	6.43	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.43	U	0.0490	6.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	6.43	U	0.0540	6.43	ng/kg	U	JB	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	70648-26-9	1,2,3,4,7,8-HXCDF	6.43	U	0.0509	6.43	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-034-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172053	1613B	1/29/2011		METHOD	DX029	22.2	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.43	U	0.0553	6.43	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6347199.295	1907243.696
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	160.3M	6/2/2011		Gen Prep	DE159	13.6	1	MOIST	MOISTURE	39.6		0.50	0.50	%					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/9/2011		METHOD	DX087	13.6	1	51207-31-9	2,3,7,8-TCDF	2.92		0.0479	1.13	ng/kg		B		Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	1746-01-6	2,3,7,8-TCDD	0.209	J	0.0236	1.13	ng/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	19408-74-3	1,2,3,7,8,9-HXCDD	2.69	J	0.0956	5.67	ng/kg		JB	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	3268-87-9	OCDD	924		0.0791	11.3	ng/kg		B			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	91.1		0.104	5.67	ng/kg		B			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	39001-02-0	OCDF	30.1		0.0429	11.3	ng/kg		B			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	39227-28-6	1,2,3,4,7,8-HxCDD	1.31	J	0.0955	5.67	ng/kg		JB	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	40321-76-4	1,2,3,7,8-PECDD	0.874	J	0.0615	5.67	ng/kg		JB	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	51207-31-9	2,3,7,8-TCDF	2.04		0.0839	1.13	ng/kg		B		Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.18	J	0.0590	5.67	ng/kg		JBQ	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	57117-31-4	2,3,4,7,8-PECDF	0.96	J	0.0244	5.67	ng/kg		JB	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	57117-41-6	1,2,3,7,8-PECDF	0.734	J	0.0252	5.67	ng/kg		JB	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.736	J	0.0471	5.67	ng/kg		JB	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	57653-85-7	1,2,3,6,7,8-HXCDD	3.48	J	0.0994	5.67	ng/kg		JB	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.983	J	0.0433	5.67	ng/kg		JB	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	12		0.0462	5.67	ng/kg		B			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.975	J	0.0481	5.67	ng/kg		JB	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296097	1613B	6/8/2011		METHOD	DX087	13.6	1	72918-21-9	1,2,3,7,8,9-HXCDF	8.12	U	0.0484	5.67	ng/kg		JB	U	B, Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	300.0	6/1/2011		METHOD	DE159	13.6	1	16984-48-8	FLUORIDE	2.9	J	0.93	1.2	mg/kg			J	Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	314.0	6/5/2011		METHOD	DE159	13.6	1	14797-73-0	PERCHLORATE	49.7	U	10.4	34.7	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7429-90-5	ALUMINUM	10,600		5.82	23.1	mg/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7440-42-8	BORON	8.28	U	1.03	5.79	mg/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7440-70-2	CALCIUM	11800	J	7.09	23.1	mg/kg			J	E	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7439-89-6	IRON	14,800		5.45	23.1	mg/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7439-93-2	LITHIUM	15.9		0.25	2.3	mg/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7439-95-4	MAGNESIUM	3220		2.94	11.6	mg/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7439-96-5	MANGANESE	232		0.0903	0.579	mg/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7723-14-0	PHOSPHORUS	509	J	0.648	11.6	mg/kg			J	Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7440-09-7	POTASSIUM	2260	J	20.8	57.9	mg/kg			J	Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7440-23-5	SODIUM	161	J	43.2	116	mg/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7440-24-6	STRONTIUM	37.7		0.0718	0.579	mg/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7440-31-5	TIN	16.6	U	1.16	11.6	mg/kg		J	U	B, Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7440-32-6	TITANIUM	912		0.440	1.16	mg/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6010B	6/1/2011	TOT	3050B	DE159	13.6	1	7440-67-7	Zirconium	2.73	J	0.972	5.79	mg/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-36-0	ANTIMONY	0.437	J	0.0681	0.227	mg/kg			J	Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-38-2	ARSENIC	4.36	J	0.0908	0.454	mg/kg			J	E, Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-39-3	BARIUM	110	J	0.123	0.454	mg/kg			J	E	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-41-7	BERYLLIUM	0.48	J	0.0182	0.113	mg/kg			J	E	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-43-9	CADMIUM	0.732	J	0.0454	0.113	mg/kg			J	E, Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/7/2011	TOT	3050B	DE159	13.6	2	7440-47-3	CHROMIUM	15.4	J	0.136	0.454	mg/kg			J	*#	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/7/2011	TOT	3050B	DE159	13.6	2	7440-48-4	COBALT	3.92	J	0.0227	0.113	mg/kg			J	E, *#	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-50-8	COPPER	13.1	J	0.0749	0.454	mg/kg			J	E, Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7439-92-1	LEAD	21		0.0118	0.227	mg/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7439-98-7	MOLYBDENUM	1.59	J	0.0567	0.113	mg/kg			J	E, Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-02-0	NICKEL	13.5	J	0.113	0.454	mg/kg			J	E, Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7782-49-2	SELENIUM	0.22	J	0.0454	0.454	mg/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-22-4	SILVER	0.315	J	0.0136	0.113	mg/kg			J	Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-28-0	THALLIUM	0.265	J	0.0340	0.113	mg/kg			J	Q	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-62-2	VANADIUM	34.3	J	0.0250	0.113	mg/kg			J	E	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	6020	6/6/2011	TOT	3050B	DE159	13.6	2	7440-66-6	ZINC	209	J	0.635	3.40	mg/kg			J	*#	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	7199	6/3/2011		3060A	DE159	13.6	1	18540-29-9	HEXAVALENT CHROMIUM	1.7	U	0.23	1.2	mg/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	7471A	6/1/2011	TOT	METHOD	DE159	13.6	1	7439-97-6	MERCURY	0.0187	J	0.0033	0.114	mg/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	72-54-8	4,4'-DDD	0.56	UJ	0.076	0.39	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	72-55-9	4,4'-DDE	0.6	UJ	0.42	0.42	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	50-29-3	4,4'-DDT	0.52	J	0.076	0.39	ug/kg		J	J	S, Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	309-00-2	ALDRIN	0.27	UJ	0.076	0.19	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	10	319-84-6	ALPHA-BHC	2.7	U	0.39	1.9	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	10	319-85-7	BETA-BHC	2.7	U	0.69	1.9	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	57-74-9	Chlordane	7.3	UJ	5.1	5.1	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	10	319-86-8	DELTA-BHC	2.7	U	0.42	1.9	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	60-57-1	DIELDRIN	0.56	UJ	0.20	0.39	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	959-98-8	ENDOSULFAN I	0.27	UJ	0.051	0.19	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	33213-65-9	ENDOSULFAN II	0.56	UJ	0.076	0.39	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	1031-07-8	ENDOSULFAN SULFATE	0.56	UJ	0.076	0.39	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	72-20-8	ENDRIN	0.56	UJ	0.076	0.39	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	7421-93-4	ENDRIN ALDEHYDE	0.56	UJ	0.076	0.39	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	53494-70-5	ENDRIN KETONE	0.56	UJ	0.076	0.39	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	10	58-89-9	gamma-BHC (Lindane)	3.2	U	2.3	2.3	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	76-44-8	HEPTACHLOR	0.27	UJ	0.069	0.19	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	1024-57-3	HEPTACHLOR EPOXIDE	0.27	UJ	0.039	0.19	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	72-43-5	METHOXYCHLOR	2.7	UJ	0.39	1.9	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	2385-85-5	MIREX	0.56	UJ	0.12	0.39	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8081A	6/4/2011		3550B	DE159	13.6	1	8001-35-2	TOXAPHENE	11	UJ	2.5	7.6	ug/kg		U	UJ	S	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	12674-11-2	AROCLOR 1016	2.8	U	0.38	2.0	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	11104-28-2	AROCLOR 1221	2.8	U	0.38	2.0	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	11141-16-5	AROCLOR 1232	2.8	U	0.38	2.0	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	53469-21-9	AROCLOR 1242	2.8	U	0.38	2.0	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	12672-29-6	AROCLOR 1248	6.8		0.38	2.0	ug/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	11097-69-1	AROCLOR 1254	2.8	U	0.38	2.0	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	11096-82-5	AROCLOR 1260	3.2		0.45	2.0	ug/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	37324-23-5	Aroclor 1262	2.8	U	0.38	2.0	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	11100-14-4	Aroclor 1268	2.8	U	0.38	2.0	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	63496-31-1	Aroclor 5432	5.5	U	1.2	3.8	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	12642-23-8	Aroclor 5442	5.5	U	1.2	3.8	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8082	6/3/2011		3550B	DE159	13.6	1	11126-42-4	Aroclor 5460	3.9	J	1.2	3.8	ug/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8151A	5/31/2011		3550B	DE159	13.6	10	93-76-5	2,4,5-T	2.8	U	1.0	2.0	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8151A	5/31/2011		3550B	DE159	13.6	10	93-72-1	2,4,5-TP (Silvex)	2	J	0.86	2.0	ug/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8151A	5/31/2011		3550B	DE159	13.6	10	94-75-7	2,4-D	59	U	14	41	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8151A	5/31/2011		3550B	DE159	13.6	10	94-82-6	2,4-DB	28	U	7.1	20	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8151A	5/31/2011		3550B	DE159	13.6	10	75-99-0	DALAPON	150	U	51	100	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8151A	5/31/2011		3550B	DE159	13.6	10	1918-00-9	DICAMBA	20	U	4.6	14	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8151A	5/31/2011		3550B	DE159	13.6	10	120-36-5	DICHLOROPROP	28	U	9.2	20	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8151A	5/31/2011		3550B	DE159	13.6	10	88-85-7	DINOSEB	40	R	9.2	28	ug/kg		U	R	L	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8151A	5/31/2011		3550B	DE159	13.6	10	94-74-6	MCPA	4100	U	880	2900	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8151A	5/31/2011		3550B	DE159	13.6	10	93-65-2	MCPP	16000	U	11000	11000	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	120-82-1	1,2,4-TRICHLOROBENZENE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	95-50-1	1,2-DICHLOROBENZENE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	541-73-1	1,3-DICHLOROBENZENE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	106-46-7	1,4-DICHLOROBENZENE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	95-95-4	2,4,5-TRICHLOROPHENOL	280	U	38	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	88-06-2	2,4,6-TRICHLOROPHENOL	280	U	38	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	120-83-2	2,4-DICHLOROPHENOL	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	105-67-9	2,4-DIMETHYLPHENOL	280	U	38	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	51-28-5	2,4-DINITROPHENOL	1700	U	380	1200	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	121-14-2	2,4-DINITROTOLUENE	280	U	38	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	606-20-2	2,6-DINITROTOLUENE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	91-58-7	2-CHLORONAPHTHALENE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	95-57-8	2-CHLOROPHENOL	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	95-48-7	2-METHYLPHENOL	280	U	38	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	88-74-4	2-NITROANILINE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	88-75-5	2-NITROPHENOL	280	UJ	19	190	ug/kg		U	UJ	L	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	91-94-1	3,3'-DICHLOROBENZIDINE	550	U	120	380	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	108-68-9	3,5-Dimethylphenol	280	U	38	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	99-09-2	3-NITROANILINE	280	U	38	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	830	U	190	580	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	280	UJ	19	190	ug/kg		U	UJ	L	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	59-50-7	4-CHLORO-3-METHYLPHENOL	280	U	38	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	106-47-8	4-CHLOROANILINE	280	U	77	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	280	U	38	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	106-44-5	4-METHYLPHENOL	280	U	38	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	100-01-6	4-NITROANILINE	280	U	77	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	100-02-7	4-NITROPHENOL	830	U	190	580	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	80	ANILINE	830	U	190	580	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	92-87-5	BENZIDINE	5500	U	1300	3800	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	65-85-0	BENZOIC ACID	830	U	190	580	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	100-51-6	BENZYL ALCOHOL	830	U	190	580	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	550	U	19	380	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	85-68-7	Butylbenzylphthalate	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	86-74-8	CARBAZOLE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	132-64-9	DIBENZOFURAN	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	84-66-2	Diethylphthalate	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	131-11-3	Dimethylphthalate	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	84-74-2	Di-n-butylphthalate	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	117-84-0	Di-n-octylphthalate	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	206-44-0	FLUORANTHENE	53	J	19	190	ug/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	118-74-1	HEXACHLOROBENZENE	280	UJ	19	190	ug/kg		U	UJ	L	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	87-68-3	HEXACHLOROBUTADIENE	280	UJ	77	190	ug/kg		U	UJ	L	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	830	U	190	580	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	67-72-1	HEXACHLOROETHANE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	78-59-1	ISOPHORONE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	98-95-3	NITROBENZENE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	86-30-6	N-NITROSODIPHENYLAMINE	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	87-86-5	PENTACHLOROPHENOL	830	U	190	580	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	85-01-8	PHENANTHRENE	35	J	19	190	ug/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	108-95-2	PHENOL	280	U	19	190	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C	6/2/2011		3550B	DE159	13.6	1	129-00-0	PYRENE	48	J	19	190	ug/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	90-12-0	1-METHYLNAPHTHALENE	14	U	3.8	9.5	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	91-57-6	2-METHYLNAPHTHALENE	14	U	3.8	9.5	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	83-32-9	ACENAPHTHENE	14	U	3.8	9.5	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	208-96-8	ACENAPHTHYLENE	14	U	1.9	9.5	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	120-12-7	ANTHRACENE	14	U	1.9	9.5	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	56-55-3	BENZO(A)ANTHRACENE	12	J	3.8	9.5	ug/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	50-32-8	BENZO(A)PYRENE	18		3.8	9.5	ug/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	205-99-2	BENZO(B)FLUORANTHENE	33		3.8	9.5	ug/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	191-24-2	BENZO(G,H,I)PERYLENE	10	J	3.8	9.5	ug/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	207-08-9	BENZO(K)FLUORANTHENE	9.4	J	3.8	9.5	ug/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	218-01-9	CHRYSENE	20		1.9	9.5	ug/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	53-70-3	DIBENZO(A,H)ANTHRACENE	14	U	3.8	9.5	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	86-73-7	FLUORENE	14	U	3.8	9.5	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	193-39-5	INDENO(1,2,3-CD)PYRENE	8.7	J	3.8	9.5	ug/kg		J	J	Z	MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	91-20-3	NAPHTHALENE	14	U	3.8	9.5	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	8270C SIM	6/9/2011		3550B	DE159	13.6	5	62-75-9	N-NITROSODIMETHYLAMINE	14	U	3.8	9.5	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED		6296056	9045M	5/25/2011		Gen Prep	DE159	13.6	1	pH	PH	7.19		0.0100	0.0100	pH unit					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED			1630M	6/1/2011			1105316		1		METHYL MERCURY	0.452		0.133	0.133	ug/kg					MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED			NOAA	6/2/2011		3550B	5311		1		TETRABUTYLTIN	3.2	U	0.84	3.2	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED			NOAA	6/2/2011		3550B	5311		1		TRIBUTYLTIN	2.9	U	1.3	2.9	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED			NOAA	6/2/2011		3550B	5311		1		DIBUTYLTIN	2.5	U	0.76	2.5	ug/kg		U			MDL	PQL	6345692.804	1907465.297
SED-035-SIV-SD-0.0-0.5	5/23/2011	N	0	0.5	ft bgs	SE	SED			NOAA	6/2/2011		3550B	5311		1		MONOBUTYLTIN	9.5	UJ	9.5	9.5	ug/kg		UJ			MDL	PQL	6345692.804	1907465.297
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	160.3M	1/7/2011		Gen Prep	DE050	20.9	1	MOIST	MOISTURE	20.9		0.50	0.50	%					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	300.0	1/14/2011		METHOD	DE050	20.9	1	16984-48-8	FLUORIDE	1.6		1.0	1.3	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	314.0	1/14/2011		METHOD	DE050	20.9	1	14797-73-0	PERCHLORATE	37.9	U	11.4	37.9	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7429-90-5	ALUMINUM	22100		6.36	25.3	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7439-89-6	IRON	31800		5.95	25.3	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7439-93-2	LITHIUM	42.9		0.28	2.5	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7439-95-4	MAGNESIUM	7270		3.21	12.6	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7439-96-5	MANGANESE	389		0.0986	0.632	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7440-09-7	POTASSIUM	4840		22.8	63.2	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7440-23-5	SODIUM	93.5	J	47.2	126	mg/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7440-24-6	STRONTIUM	20.4		0.0784	0.632	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7440-31-5	TIN	12.6	U	1.26	12.6	mg/kg	U	J	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7440-32-6	TITANIUM	1440		0.480	1.26	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7440-42-8	BORON	9.31		1.13	6.32	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7440-67-7	Zirconium	5.96	J	1.06	6.32	mg/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7440-70-2	CALCIUM	5580		7.75	25.3	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6010B	12/30/2010	NA	3050B	DE050	20.9	1	7723-14-0	PHOSPHORUS	561		0.708	12.6	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7782-49-2	SELENIUM	0.49	J	0.0496	0.496	mg/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7439-98-7	MOLYBDENUM	0.783	J	0.0620	0.124	mg/kg	J		J	Q	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-39-3	BARIUM	154		0.134	0.496	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7439-92-1	LEAD	18.6	J	0.0129	0.248	mg/kg	J		J	Q	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-02-0	NICKEL	28	J	0.124	0.496	mg/kg	J		J	Q, *#	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-22-4	SILVER	0.161		0.0149	0.124	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-28-0	THALLIUM	0.585		0.0372	0.124	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-36-0	ANTIMONY	0.203	J	0.0744	0.248	mg/kg	J	J	J	Q, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-38-2	ARSENIC	15.7	J	0.0744	0.496	mg/kg	J		J	Q	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-41-7	BERYLLIUM	1.07		0.0198	0.124	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-43-9	CADMIUM	0.285	J	0.0446	0.124	mg/kg	J		J	Q	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-47-3	CHROMIUM	41.7	J	0.149	0.496	mg/kg	J		J	Q	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-48-4	COBALT	13.1	J	0.0248	0.124	mg/kg	J		J	*#	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-50-8	COPPER	22.4	J	0.0818	0.496	mg/kg	J		J	Q	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-62-2	VANADIUM	79.5	J	0.0273	0.124	mg/kg	J		J	Q	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	6020	1/3/2011	NA	3050B	DE050	20.9	2	7440-66-6	ZINC	142		0.694	3.72	mg/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	7199	1/23/2011		3060A	DE050	20.9	1	18540-29-9	HEXAVALENT CHROMIUM	0.43	J	0.25	1.3	mg/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	7471A	12/28/2010	NA	METHOD	DE050	20.9	1	7439-97-6	MERCURY	0.0109	J	0.0034	0.118	mg/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	1024-57-3	HEPTACHLOR EPOXIDE	0.21	U	0.13	0.21	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	1031-07-8	ENDOSULFAN SULFATE	0.43	U	0.32	0.43	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	2385-85-5	MIREX	0.43	U	0.083	0.43	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	309-00-2	ALDRIN	0.21	U	0.083	0.21	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	319-84-6	ALPHA-BHC	0.21	UJ	0.043	0.21	ug/kg	UJ	U	UJ	L	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	319-85-7	BETA-BHC	0.21	U	0.076	0.21	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	319-86-8	DELTA-BHC	0.26	J	0.046	0.21	ug/kg	J		J	S	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	33213-65-9	ENDOSULFAN II	0.43	U	0.083	0.43	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	50-29-3	4,4'-DDT	0.44	U	0.44	0.44	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	53494-70-5	ENDRIN KETONE	0.43	U	0.083	0.43	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	57-74-9	Chlordane	4.3	U	1.0	4.3	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	58-89-9	gamma-BHC (Lindane)	0.21	UJ	0.043	0.21	ug/kg	UJ	U	UJ	L	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	60-57-1	DIELDRIN	0.43	U	0.15	0.43	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	72-20-8	ENDRIN	0.43	U	0.083	0.43	ug/kg		U			MDL	PQL	6343887.24	1907648.869

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	72-43-5	METHOXYCHLOR	2.1	U	1.0	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	72-54-8	4,4'-DDD	0.43	U	0.083	0.43	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	72-55-9	4,4'-DDE	0.43	U	0.39	0.43	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	7421-93-4	ENDRIN ALDEHYDE	0.43	U	0.13	0.43	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	76-44-8	HEPTACHLOR	0.21	U	0.076	0.21	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	8001-35-2	TOXAPHENE	8.3	U	2.8	8.3	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8081A	1/26/2011		3550B	DE050	20.9	1	959-98-8	ENDOSULFAN I	0.21	U	0.056	0.21	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	11096-82-5	AROCLOR 1260	0.77	J	0.42	2.1	ug/kg	J	J	J	S, L, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	11097-69-1	AROCLOR 1254	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	11100-14-4	Aroclor 1268	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	11104-28-2	AROCLOR 1221	2.1	U	0.63	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	11126-42-4	Aroclor 5460	4.2	UJ	1.3	4.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	11141-16-5	AROCLOR 1232	2.1	U	0.66	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	12642-23-8	Aroclor 5442	4.2	UJ	1.3	4.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	12672-29-6	AROCLOR 1248	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	12674-11-2	AROCLOR 1016	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	37324-23-5	Aroclor 1262	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	53469-21-9	AROCLOR 1242	2.1	U	0.63	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8082	1/6/2011		3550B	DE050	20.9	1	63496-31-1	Aroclor 5432	4.2	UJ	1.3	4.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8151A	1/7/2011		3550B	DE050	20.9	1	120-36-5	DICHLOROPROP	2.1	U	1.0	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8151A	1/7/2011		3550B	DE050	20.9	1	1918-00-9	DICAMBA	1.5	U	0.51	1.5	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8151A	1/7/2011		3550B	DE050	20.9	1	75-99-0	DALAPON	11	U	5.6	11	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8151A	1/7/2011		3550B	DE050	20.9	1	88-85-7	DINOSEB	3	R	1.0	3.0	ug/kg	R	U	R	L	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8151A	1/7/2011		3550B	DE050	20.9	1	93-65-2	MCPP	320	U	95	320	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8151A	1/7/2011		3550B	DE050	20.9	1	93-72-1	2,4,5-TP (Silvex)	0.21	U	0.095	0.21	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8151A	1/7/2011		3550B	DE050	20.9	1	93-76-5	2,4,5-T	0.21	U	0.10	0.21	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8151A	1/7/2011		3550B	DE050	20.9	1	94-74-6	MCPA	320	U	96	320	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8151A	1/7/2011		3550B	DE050	20.9	1	94-75-7	2,4-D	4.6	U	1.5	4.6	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8151A	1/7/2011		3550B	DE050	20.9	1	94-82-6	2,4-DB	2.7	U	2.7	2.7	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	100-01-6	4-NITROANILINE	210	U	84	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	100-02-7	4-NITROPHENOL	630	U	210	630	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	100-51-6	BENZYL ALCOHOL	630	U	210	630	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	105-67-9	2,4-DIMETHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	106-44-5	4-METHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	106-46-7	1,4-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	106-47-8	4-CHLOROANILINE	210	U	84	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	108-68-9	3,5-Dimethylphenol	210	U	42	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	108-95-2	PHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	48	J	21	420	ug/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	118-74-1	HEXACHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	120-82-1	1,2,4-TRICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	120-83-2	2,4-DICHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	121-14-2	2,4-DINITROTOLUENE	210	U	42	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	132-64-9	DIBENZOFURAN	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	51-28-5	2,4-DINITROPHENOL	2500	U	840	2500	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	630	U	210	630	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	541-73-1	1,3-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	59-50-7	4-CHLORO-3-METHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	606-20-2	2,6-DINITROTOLUENE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	62-53-3	ANILINE	630	U	210	630	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	65-85-0	BENZOIC ACID	630	U	210	630	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	67-72-1	HEXACHLOROETHANE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	210	U	42	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	630	U	210	630	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	78-59-1	ISOPHORONE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	85-68-7	Butylbenzylphthalate	56	J	21	210	ug/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	86-30-6	N-NITROSODIPHENYLAMINE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	86-74-8	CARBAZOLE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	87-68-3	HEXACHLOROBUTADIENE	210	U	84	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	87-86-5	PENTACHLOROPHENOL	630	U	210	630	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	88-06-2	2,4,6-TRICHLOROPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	88-74-4	2-NITROANILINE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	88-75-5	2-NITROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	91-58-7	2-CHLORONAPHTHALENE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	91-94-1	3,3'-DICHLOROBENZIDINE	420	U	130	420	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	92-87-5	BENZIDINE	4200	U	1500	4200	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	95-48-7	2-METHYLPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	95-50-1	1,2-DICHLOROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	95-57-8	2-CHLOROPHENOL	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	95-95-4	2,4,5-TRICHLOROPHENOL	210	U	42	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	98-95-3	NITROBENZENE	210	U	21	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C	1/18/2011		3550B	DE050	20.9	1	99-09-2	3-NITROANILINE	210	U	42	210	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	117-84-0	Di-n-octylphthalate	23	U	7.6	23	ug/kg		U			MDL	PQL	6343887.24	1907648.869

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	120-12-7	ANTHRACENE	2.1	U	0.42	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	129-00-0	PYRENE	1.5	J	0.84	2.1	ug/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	131-11-3	Dimethylphthalate	23	U	7.6	23	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	191-24-2	BENZO(G,H,I)PERYLENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	205-99-2	BENZO(B)FLUORANTHENE	2.8		0.84	2.1	ug/kg					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	206-44-0	FLUORANTHENE	2	J	0.84	2.1	ug/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	207-08-9	BENZO(K)FLUORANTHENE	0.96	J	0.84	2.1	ug/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	208-96-8	ACENAPHTHYLENE	0.46	J	0.42	2.1	ug/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	218-01-9	CHRYSENE	1.4	J	0.42	2.1	ug/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	50-32-8	BENZO(A)PYRENE	1.1	J	0.84	2.1	ug/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	56-55-3	BENZO(A)ANTHRACENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	62-75-9	N-NITROSODIMETHYLAMINE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	83-32-9	ACENAPHTHENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	84-66-2	Diethylphthalate	23	U	7.6	23	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	84-74-2	Di-n-butylphthalate	23	U	7.6	23	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	85-01-8	PHENANTHRENE	1.4	J	0.84	2.1	ug/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	86-73-7	FLUORENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	90-12-0	1-METHYLNAPHTHALENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	91-20-3	NAPHTHALENE	1.9	J	0.84	2.1	ug/kg	J	J	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	8270C SIM	1/12/2011		3550B	DE050	20.9	1	91-57-6	2-METHYLNAPHTHALENE	2.1	U	0.84	2.1	ug/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	9045M	12/27/2010		Gen Prep	DE050	20.9	1	pH	PH	7.19		0.0100	0.0100	pH unit					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172321	ASTM D1498	12/27/2010		Gen Prep	DE050	20.9	1	REDOX	Oxidation Reduction Potential	524		10.0	10.0	mv					MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	1746-01-6	2,3,7,8-TCDD	1.26	U	0.0521	1.26	ng/kg		U			MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	19408-74-3	1,2,3,7,8,9-HXCDD	6.32	U	0.0407	6.32	ng/kg	U	JB	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	3268-87-9	OCDD	6.76	J	0.0416	12.6	ng/kg	J	JB	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	1.22	J	0.0513	6.32	ng/kg	J	JB	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	39001-02-0	OCDF	12.6	U	0.0539	12.6	ng/kg	U	JB	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	39227-28-6	1,2,3,4,7,8-HxCDD	6.32	U	0.0402	6.32	ng/kg	U	JB	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	40321-76-4	1,2,3,7,8-PECDD	6.32	U	0.0473	6.32	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	51207-31-9	2,3,7,8-TCDF	0.175	J	0.0689	1.26	ng/kg	J	JQ	J	Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.32	U	0.0263	6.32	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	57117-31-4	2,3,4,7,8-PECDF	6.32	U	0.0287	6.32	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	57117-41-6	1,2,3,7,8-PECDF	6.32	U	0.0298	6.32	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	57117-44-9	1,2,3,6,7,8-HXCDF	6.32	U	0.0244	6.32	ng/kg	U	JB	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	57653-85-7	1,2,3,6,7,8-HXCDD	6.32	U	0.0431	6.32	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.32	U	0.0260	6.32	ng/kg	U	JB	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	6.32	U	0.0198	6.32	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	70648-26-9	1,2,3,4,7,8-HXCDF	6.32	U	0.0281	6.32	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-036-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172367	1613B	1/29/2011		METHOD	DX033	20.9	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.32	U	0.0288	6.32	ng/kg	U	JB	U	B, Z	MDL	PQL	6343887.24	1907648.869
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	65-85-0	BENZOIC ACID	700	U	230	700	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	67-72-1	HEXACHLOROETHANE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	230	U	47	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	700	U	230	700	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	78-59-1	ISOPHORONE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	86-30-6	N-NITROSODIPHENYLAMINE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	86-74-8	CARBAZOLE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	87-68-3	HEXACHLOROBUTADIENE	230	U	93	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	87-86-5	PENTACHLOROPHENOL	700	U	230	700	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	88-06-2	2,4,6-TRICHLOROPHENOL	230	U	47	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	88-74-4	2-NITROANILINE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	88-75-5	2-NITROPHENOL	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	91-58-7	2-CHLORONAPHTHALENE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	91-94-1	3,3'-DICHLOROBENZIDINE	470	U	140	470	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	92-87-5	BENZIDINE	4700	U	1600	4700	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	95-48-7	2-METHYLPHENOL	230	U	47	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	95-50-1	1,2-DICHLOROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	95-57-8	2-CHLOROPHENOL	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	95-95-4	2,4,5-TRICHLOROPHENOL	230	U	47	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	98-95-3	NITROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	99-09-2	3-NITROANILINE	230	U	47	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	117-84-0	Di-n-octylphthalate	25	U	8.4	25	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	120-12-7	ANTHRACENE	1.1	J	0.47	2.3	ug/kg	J	J	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	129-00-0	PYRENE	7.8		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	131-11-3	Dimethylphthalate	25	U	8.4	25	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	191-24-2	BENZO(G,H,I)PERYLENE	4.5		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	193-39-5	INDENO(1,2,3-CD)PYRENE	3.4		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	205-99-2	BENZO(B)FLUORANTHENE	13		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	206-44-0	FLUORANTHENE	8.3		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	207-08-9	BENZO(K)FLUORANTHENE	4.8		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	208-96-8	ACENAPHTHYLENE	0.71	J	0.47	2.3	ug/kg	J	J	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	218-01-9	CHRYSENE	10		0.47	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	50-32-8	BENZO(A)PYRENE	6		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.3	U	0.93	2.3	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	56-55-3	BENZO(A)ANTHRACENE	4.9		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	62-75-9	N-NITROSODIMETHYLAMINE	2.3	U	0.93	2.3	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	83-32-9	ACENAPHTHENE	2.3	U	0.93	2.3	ug/kg		U			MDL	PQL	6345366.25	1907545.332

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	84-66-2	Diethylphthalate	25	U	8.4	25	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	84-74-2	Di-n-butylphthalate	25	U	8.4	25	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	85-01-8	PHENANTHRENE	6		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	85-68-7	Butylbenzylphthalate	25	U	8.4	25	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	86-73-7	FLUORENE	3.5		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	90-12-0	1-METHYLNAPHTHALENE	2.6		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	91-20-3	NAPHTHALENE	5.9		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C SIM	1/12/2011		3550B	DE046	28.4	1	91-57-6	2-METHYLNAPHTHALENE	3.1		0.93	2.3	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	9045M	12/27/2010		Gen Prep	DE046	28.4	1	pH	PH	7.3		0.0100	0.0100	pH unit					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	ASTM D1498	12/27/2010		Gen Prep	DE046	28.4	1	REDOX	Oxidation Reduction Potential	583		10.0	10.0	mv					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	160.3M	1/6/2011		Gen Prep	DE046	28.4	1	MOIST	MOISTURE	28.4		0.50	0.50	%					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	300.0	1/14/2011		METHOD	DE046	28.4	1	16984-48-8	FLUORIDE	2.4	J	1.1	1.4	mg/kg	J		J	Q	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	314.0	1/12/2011		METHOD	DE046	28.4	1	14797-73-0	PERCHLORATE	41.9	U	12.6	41.9	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7440-31-5	TIN	13.7	U	1.37	13.7	mg/kg	U	J	U	B, Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7429-90-5	ALUMINUM	14100		6.89	27.4	mg/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7439-89-6	IRON	18600		6.45	27.4	mg/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7439-93-2	LITHIUM	20.8	J	0.30	2.7	mg/kg	J		J	*#	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7439-95-4	MAGNESIUM	4530		3.48	13.7	mg/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7439-96-5	MANGANESE	306		0.107	0.685	mg/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7440-09-7	POTASSIUM	3310		24.6	68.5	mg/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7440-23-5	SODIUM	121	J	51.1	137	mg/kg	J	J	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7440-24-6	STRONTIUM	27	J	0.0849	0.685	mg/kg	J		J	*#	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7440-32-6	TITANIUM	1030		0.520	1.37	mg/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7440-42-8	BORON	8.62		1.22	6.85	mg/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7440-67-7	Zirconium	1.54	J	1.15	6.85	mg/kg	J	J	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7440-70-2	CALCIUM	4920		8.39	27.4	mg/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6010B	12/30/2010	NA	3050B	DE046	28.4	1	7723-14-0	PHOSPHORUS	449		0.767	13.7	mg/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/6/2011	NA	3050B	DE046	28.4	2	7782-49-2	SELENIUM	0.266	J	0.0532	0.532	mg/kg	J	J	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7439-98-7	MOLYBDENUM	0.676	J	0.0665	0.133	mg/kg	J		J	E, Q	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-39-3	BARIUM	124	J	0.144	0.532	mg/kg	J		J	E, *#	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7439-92-1	LEAD	49	J	0.0138	0.266	mg/kg	J		J	E, *#	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-02-0	NICKEL	18.6	J	0.133	0.532	mg/kg	J		J	E, Q, *#	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-22-4	SILVER	0.127	J	0.0160	0.133	mg/kg	J	J	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-28-0	THALLIUM	0.321	J	0.0399	0.133	mg/kg	J		J	Q	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-36-0	ANTIMONY	0.266	UJ	0.0798	0.266	mg/kg	UJ	J	UJ	B, Q, Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-38-2	ARSENIC	5.93	J	0.0798	0.532	mg/kg	J		J	E, Q	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-41-7	BERYLLIUM	0.677		0.0213	0.133	mg/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-43-9	CADMIUM	0.397	J	0.0479	0.133	mg/kg	J		J	Q	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-47-3	CHROMIUM	23.8	J	0.160	0.532	mg/kg	J		J	E	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-48-4	COBALT	7.03	J	0.0266	0.133	mg/kg	J		J	E	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-50-8	COPPER	12.8	J	0.0878	0.532	mg/kg	J		J	E	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-62-2	VANADIUM	46.2	J	0.0293	0.133	mg/kg	J		J	E, Q, *#	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	6020	1/5/2011	NA	3050B	DE046	28.4	2	7440-66-6	ZINC	238	J	0.745	3.99	mg/kg	J		J	E, *#	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	7199	1/20/2011		3060A	DE046	28.4	1	18540-29-9	HEXAVALENT CHROMIUM	0.63	J	0.28	1.4	mg/kg	J	J	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	7471A	12/28/2010	NA	METHOD	DE046	28.4	1	7439-97-6	MERCURY	0.021	J	0.0038	0.131	mg/kg	J	J	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/25/2011		3550B	DE046	28.4	5	50-29-3	4,4'-DDT	3.7	J	0.46	2.4	ug/kg	J		J	C, *#	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/25/2011		3550B	DE046	28.4	5	72-55-9	4,4'-DDE	2.7	J	0.46	2.4	ug/kg	J		J	C	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	1024-57-3	HEPTACHLOR EPOXIDE	0.29	U	0.29	0.29	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	1031-07-8	ENDOSULFAN SULFATE	0.47	U	0.092	0.47	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	2385-85-5	MIREX	0.47	U	0.25	0.47	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	309-00-2	ALDRIN	0.23	U	0.15	0.23	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	319-84-6	ALPHA-BHC	0.23	U	0.047	0.23	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	319-85-7	BETA-BHC	0.23	U	0.084	0.23	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	319-86-8	DELTA-BHC	0.23	U	0.050	0.23	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	33213-65-9	ENDOSULFAN II	0.47	U	0.11	0.47	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	53494-70-5	ENDRIN KETONE	0.47	U	0.092	0.47	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	57-74-9	Chlordane	9.6	U	9.6	9.6	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	58-89-9	gamma-BHC (Lindane)	0.23	U	0.047	0.23	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	60-57-1	DIELDRIN	0.49	U	0.49	0.49	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	72-20-8	ENDRIN	0.47	U	0.36	0.47	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	72-43-5	METHOXYCHLOR	2.3	U	0.47	2.3	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	72-54-8	4,4'-DDD	0.47	U	0.092	0.47	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	7421-93-4	ENDRIN ALDEHYDE	1.2	U	1.2	1.2	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	76-44-8	HEPTACHLOR	0.23	U	0.16	0.23	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	8001-35-2	TOXAPHENE	9.2	U	3.1	9.2	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8081A	1/15/2011		3550B	DE046	28.4	1	959-98-8	ENDOSULFAN I	0.23	U	0.061	0.23	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	11096-82-5	AROCLOR 1260	4.7	U	0.92	4.7	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	11097-69-1	AROCLOR 1254	88		0.92	4.7	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	11100-14-4	Aroclor 1268	4.7	U	0.92	4.7	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	11104-28-2	AROCLOR 1221	4.7	U	1.4	4.7	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	11126-42-4	Aroclor 5460	140	J	2.8	9.2	ug/kg	J		J	L	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	11141-16-5	AROCLOR 1232	4.7	U	1.5	4.7	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	12642-23-8	Aroclor 5442	9.2	UJ	2.8	9.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	12672-29-6	AROCLOR 1248	4.7	U	0.92	4.7	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	12674-11-2	AROCLOR 1016	4.7	U	0.92	4.7	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	37324-23-5	Aroclor 1262	4.7	U	0.92	4.7	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	53469-21-9	AROCLOR 1242	4.7	U	1.4	4.7	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8082	12/31/2010		3550B	DE046	28.4	2	63496-31-1	Aroclor 5432	9.2	UJ	2.8	9.2	ug/kg	UJ	U	UJ	L	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8151A	1/7/2011		3550B	DE046	28.4	1	120-36-5	DICHLOROPROP	2.4	U	1.1	2.4	ug/kg		U			MDL	PQL	6345366.25	1907545.332

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8151A	1/7/2011		3550B	DE046	28.4	1	1918-00-9	DICAMBA	1.7	U	0.56	1.7	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8151A	1/7/2011		3550B	DE046	28.4	1	75-99-0	DALAPON	13	U	6.1	13	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8151A	1/7/2011		3550B	DE046	28.4	1	88-85-7	DINOSEB	3.4	U	1.1	3.4	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8151A	1/7/2011		3550B	DE046	28.4	1	93-65-2	MCPP	390		100	350	ug/kg					MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8151A	1/7/2011		3550B	DE046	28.4	1	93-72-1	2,4,5-TP (Silvex)	0.24	U	0.10	0.24	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8151A	1/7/2011		3550B	DE046	28.4	1	93-76-5	2,4,5-T	0.24	U	0.11	0.24	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8151A	1/7/2011		3550B	DE046	28.4	1	94-74-6	MCPA	350	U	110	350	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8151A	1/7/2011		3550B	DE046	28.4	1	94-75-7	2,4-D	5	U	1.7	5.0	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8151A	1/7/2011		3550B	DE046	28.4	1	94-82-6	2,4-DB	2.4	U	1.4	2.4	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	100-01-6	4-NITROANILINE	230	U	93	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	100-02-7	4-NITROPHENOL	700	U	230	700	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	100-51-6	BENZYL ALCOHOL	700	U	230	700	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	105-67-9	2,4-DIMETHYLPHENOL	230	U	47	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	106-44-5	4-METHYLPHENOL	230	U	47	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	106-46-7	1,4-DICHLOROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	106-47-8	4-CHLOROANILINE	230	U	93	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	108-68-9	3,5-Dimethylphenol	230	U	47	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	108-95-2	PHENOL	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	35	J	23	470	ug/kg	J	J	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	118-74-1	HEXACHLOROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	120-82-1	1,2,4-TRICHLOROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	120-83-2	2,4-DICHLOROPHENOL	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	121-14-2	2,4-DINITROTOLUENE	230	U	47	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	132-64-9	DIBENZOFURAN	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	51-28-5	2,4-DINITROPHENOL	2800	U	930	2800	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	700	U	230	700	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	541-73-1	1,3-DICHLOROBENZENE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	59-50-7	4-CHLORO-3-METHYLPHENOL	230	U	47	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	606-20-2	2,6-DINITROTOLUENE	230	U	23	230	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172045	8270C	1/19/2011		3550B	DE046	28.4	1	62-53-3	ANILINE	700	U	230	700	ug/kg		U			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	1746-01-6	2,3,7,8-TCDD	0.139	J	0.0807	1.40	ng/kg	J	JQ	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	19408-74-3	1,2,3,7,8,9-HXCDD	2.4	J	0.0728	6.98	ng/kg	J	JB	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	3268-87-9	OCDD	692		0.111	14.0	ng/kg		B			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	95.9		0.104	6.98	ng/kg		B			MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	39001-02-0	OCDF	8.47	J	0.0793	14.0	ng/kg	J	JB	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.876	J	0.0732	6.98	ng/kg	J	JB	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	40321-76-4	1,2,3,7,8-PECDD	6.98	U	0.121	6.98	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	51207-31-9	2,3,7,8-TCDF	1.19	J	0.152	1.40	ng/kg	J	J	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.98	U	0.0570	6.98	ng/kg	U	JB	U	B, Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	57117-31-4	2,3,4,7,8-PECDF	1.16	J	0.0578	6.98	ng/kg	J	JB	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	57117-41-6	1,2,3,7,8-PECDF	1.57	J	0.0606	6.98	ng/kg	J	JB	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	57117-44-9	1,2,3,6,7,8-HXCDF	6.98	U	0.0589	6.98	ng/kg	U	JB	U	B, Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	57653-85-7	1,2,3,6,7,8-HXCDD	3.8	J	0.0788	6.98	ng/kg	J	JB	J	Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.98	U	0.0603	6.98	ng/kg	U	JB	U	B, Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	6.98	U	0.0450	6.98	ng/kg	U	JB	U	B, Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	70648-26-9	1,2,3,4,7,8-HXCDF	6.98	U	0.0630	6.98	ng/kg	U	JB	U	B, Z	MDL	PQL	6345366.25	1907545.332
SED-037-SIV-SD-0.0-0.5	12/20/2010	N	0	0.5	ft bgs	SE	SED		6172054	1613B	1/29/2011		METHOD	DX029	28.4	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.98	U	0.0656	6.98	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6345366.25	1907545.332
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	106-44-5	4-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	106-46-7	1,4-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	106-47-8	4-CHLOROANILINE	190	U	76	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	108-68-9	3,5-Dimethylphenol	190	U	38	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	108-95-2	PHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	30	J	19	380	ug/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	118-74-1	HEXACHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	120-82-1	1,2,4-TRICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	120-83-2	2,4-DICHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	121-14-2	2,4-DINITROTOLUENE	190	U	38	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	132-64-9	DIBENZOFURAN	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	51-28-5	2,4-DINITROPHENOL	2300	U	760	2300	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	541-73-1	1,3-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	59-50-7	4-CHLORO-3-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	606-20-2	2,6-DINITROTOLUENE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	62-53-3	ANILINE	570	U	190	570	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	65-85-0	BENZOIC ACID	570	U	190	570	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	67-72-1	HEXACHLOROETHANE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	190	U	38	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	570	U	190	570	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	78-59-1	ISOPHORONE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	86-30-6	N-NITROSODIPHENYLAMINE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	86-74-8	CARBAZOLE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	87-68-3	HEXACHLOROBUTADIENE	190	U	76	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	87-86-5	PENTACHLOROPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	88-06-2	2,4,6-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	88-74-4	2-NITROANILINE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	88-75-5	2-NITROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	91-58-7	2-CHLORONAPHTHALENE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	91-94-1	3,3'-DICHLOROBENZIDINE	380	U	110	380	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	92-87-5	BENZIDINE	3800	U	1300	3800	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	95-48-7	2-METHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	95-50-1	1,2-DICHLOROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	95-57-8	2-CHLOROPHENOL	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	95-95-4	2,4,5-TRICHLOROPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	98-95-3	NITROBENZENE	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	99-09-2	3-NITROANILINE	190	U	38	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	117-84-0	Di-n-octylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	120-12-7	ANTHRACENE	0.39	J	0.38	1.9	ug/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	129-00-0	PYRENE	4.6		0.76	1.9	ug/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	131-11-3	Dimethylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	205-99-2	BENZO(B)FLUORANTHENE	2.4		0.76	1.9	ug/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	206-44-0	FLUORANTHENE	6.8		0.76	1.9	ug/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	207-08-9	BENZO(K)FLUORANTHENE	1.3	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	218-01-9	CHRYSENE	2.8		0.38	1.9	ug/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	50-32-8	BENZO(A)PYRENE	1.3	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	56-55-3	BENZO(A)ANTHRACENE	1.2	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	62-75-9	N-NITROSODIMETHYLAMINE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	83-32-9	ACENAPHTHENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	84-66-2	Diethylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	84-74-2	Di-n-butylphthalate	15	J	6.9	21	ug/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	85-01-8	PHENANTHRENE	2.8		0.76	1.9	ug/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	85-68-7	Butylbenzylphthalate	21	U	6.9	21	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	86-73-7	FLUORENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	91-20-3	NAPHTHALENE	1.5	J	0.76	1.9	ug/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C SIM	1/12/2011		3550B	DE050	12.6	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.76	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	9045M	12/27/2010		Gen Prep	DE050	12.6	1	pH	PH	6.94		0.0100	0.0100	pH unit					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	ASTM D1498	12/27/2010		Gen Prep	DE050	12.6	1	REDOX	Oxidation Reduction Potential	527		10.0	10.0	mv					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	160.3M	1/7/2011		Gen Prep	DE050	12.6	1	MOIST	MOISTURE	12.6		0.50	0.50	%					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	300.0	1/14/2011		METHOD	DE050	12.6	1	16984-48-8	FLUORIDE	1.3		0.92	1.1	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	314.0	1/14/2011		METHOD	DE050	12.6	1	14797-73-0	PERCHLORATE	34.3	U	10.3	34.3	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7429-90-5	ALUMINUM	12600		5.76	22.9	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7439-89-6	IRON	17600		5.39	22.9	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7439-93-2	LITHIUM	19.7		0.25	2.3	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7439-95-4	MAGNESIUM	4300		2.91	11.4	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7439-96-5	MANGANESE	267		0.0892	0.572	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7440-09-7	POTASSIUM	3270		20.6	57.2	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7440-23-5	SODIUM	61.9	J	42.7	114	mg/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7440-24-6	STRONTIUM	14.3		0.0709	0.572	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7440-31-5	TIN	11.4	U	1.14	11.4	mg/kg	U	J	U	B, Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7440-32-6	TITANIUM	1030		0.435	1.14	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7440-42-8	BORON	4.94	J	1.02	5.72	mg/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7440-67-7	Zirconium	2.81	J	0.961	5.72	mg/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7440-70-2	CALCIUM	2530		7.01	22.9	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6010B	12/30/2010	NA	3050B	DE050	12.6	1	7723-14-0	PHOSPHORUS	362		0.641	11.4	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7782-49-2	SELENIUM	0.161	J	0.0449	0.449	mg/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7439-98-7	MOLYBDENUM	0.56	J	0.0561	0.112	mg/kg	J		J	Q	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-39-3	BARIUM	106		0.121	0.449	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7439-92-1	LEAD	12	J	0.0117	0.224	mg/kg	J		J	Q	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-02-0	NICKEL	13.7	J	0.112	0.449	mg/kg	J		J	Q, *#	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-22-4	SILVER	0.0475	J	0.0135	0.112	mg/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-28-0	THALLIUM	0.267		0.0337	0.112	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-36-0	ANTIMONY	0.0951	J	0.0673	0.224	mg/kg	J	J	J	Q, Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-38-2	ARSENIC	5.11	J	0.0673	0.449	mg/kg	J		J	Q	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-41-7	BERYLLIUM	0.555		0.0179	0.112	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-43-9	CADMIUM	0.248	J	0.0404	0.112	mg/kg	J		J	Q	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-47-3	CHROMIUM	24	J	0.135	0.449	mg/kg	J		J	Q	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-48-4	COBALT	6.49	J	0.0224	0.112	mg/kg	J		J	*#	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-50-8	COPPER	9.33	J	0.0740	0.449	mg/kg	J		J	Q	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-62-2	VANADIUM	44.4	J	0.0247	0.112	mg/kg	J		J	Q	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	6020	1/3/2011	NA	3050B	DE050	12.6	2	7440-66-6	ZINC	76.5		0.628	3.37	mg/kg					MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	7199	1/23/2011		3060A	DE050	12.6	1	18540-29-9	HEXAVALENT CHROMIUM	1.1	U	0.23	1.1	mg/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	7471A	12/28/2010	NA	METHOD	DE050	12.6	1	7439-97-6	MERCURY	0.0059	J	0.0033	0.114	mg/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	1024-57-3	HEPTACHLOR EPOXIDE	0.19	U	0.039	0.19	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	1031-07-8	ENDOSULFAN SULFATE	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6345926.68	1907974.58

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	2385-85-5	MIREX	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	309-00-2	ALDRIN	0.19	U	0.076	0.19	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	319-84-6	ALPHA-BHC	0.19	UJ	0.039	0.19	ug/kg	UJ	U	UJ	L	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	319-85-7	BETA-BHC	0.19	U	0.069	0.19	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	319-86-8	DELTA-BHC	0.19	U	0.041	0.19	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	33213-65-9	ENDOSULFAN II	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	50-29-3	4,4'-DDT	0.39	U	0.28	0.39	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	53494-70-5	ENDRIN KETONE	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	57-74-9	Chlordane	3.9	U	0.92	3.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	58-89-9	gamma-BHC (Lindane)	0.19	UJ	0.039	0.19	ug/kg	UJ	U	UJ	L	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	60-57-1	DIELDRIN	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	72-20-8	ENDRIN	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	72-43-5	METHOXYCHLOR	1.9	U	0.39	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	72-54-8	4,4'-DDD	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	72-55-9	4,4'-DDE	0.39	U	0.27	0.39	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	7421-93-4	ENDRIN ALDEHYDE	0.39	U	0.076	0.39	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	76-44-8	HEPTACHLOR	0.19	U	0.069	0.19	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	8001-35-2	TOXAPHENE	7.6	U	2.5	7.6	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8081A	1/26/2011		3550B	DE050	12.6	1	959-98-8	ENDOSULFAN I	0.19	U	0.058	0.19	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	11096-82-5	AROCLOR 1260	1	J	0.38	1.9	ug/kg	J	J	J	L, Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	11097-69-1	AROCLOR 1254	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	11100-14-4	Aroclor 1268	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	11104-28-2	AROCLOR 1221	1.9	U	0.57	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	11126-42-4	Aroclor 5460	2.8	J	1.1	3.8	ug/kg	J	J	J	L, Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	11141-16-5	AROCLOR 1232	1.9	U	0.59	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	12642-23-8	Aroclor 5442	3.8	UJ	1.1	3.8	ug/kg	UJ	U	UJ	L	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	12672-29-6	AROCLOR 1248	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	12674-11-2	AROCLOR 1016	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	37324-23-5	Aroclor 1262	1.9	U	0.38	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	53469-21-9	AROCLOR 1242	1.9	U	0.57	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8082	1/12/2011		3550B	DE050	12.6	1	63496-31-1	Aroclor 5432	3.8	UJ	1.1	3.8	ug/kg	UJ	U	UJ	L	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8151A	1/7/2011		3550B	DE050	12.6	1	120-36-5	DICHLOROPROP	1.9	U	0.92	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8151A	1/7/2011		3550B	DE050	12.6	1	1918-00-9	DICAMBA	1.4	U	0.46	1.4	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8151A	1/7/2011		3550B	DE050	12.6	1	75-99-0	DALAPON	10	U	5.0	10	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8151A	1/7/2011		3550B	DE050	12.6	1	88-85-7	DINOSEB	2.7	R	0.92	2.7	ug/kg	R	U	R	L	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8151A	1/7/2011		3550B	DE050	12.6	1	93-65-2	MCPP	290	U	270	290	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8151A	1/7/2011		3550B	DE050	12.6	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.086	0.19	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8151A	1/7/2011		3550B	DE050	12.6	1	93-76-5	2,4,5-T	0.19	U	0.094	0.19	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8151A	1/7/2011		3550B	DE050	12.6	1	94-74-6	MCPA	290	U	87	290	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8151A	1/7/2011		3550B	DE050	12.6	1	94-75-7	2,4-D	3	J	1.4	4.1	ug/kg	J	J	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8151A	1/7/2011		3550B	DE050	12.6	1	94-82-6	2,4-DB	1.9	U	0.71	1.9	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	100-01-6	4-NITROANILINE	190	U	76	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	100-02-7	4-NITROPHENOL	570	U	190	570	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	100-51-6	BENZYL ALCOHOL	570	U	190	570	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	190	U	19	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172322	8270C	1/18/2011		3550B	DE050	12.6	1	105-67-9	2,4-DIMETHYLPHENOL	190	U	38	190	ug/kg		U			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	1746-01-6	2,3,7,8-TCDD	0.145	J	0.111	1.14	ng/kg	J	JQ	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	19408-74-3	1,2,3,7,8,9-HXCDD	6.93		0.131	5.72	ng/kg		B			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	3268-87-9	OCDD	1750		0.163	11.4	ng/kg		B			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	262		0.205	5.72	ng/kg		B			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	39001-02-0	OCDF	43.7		0.109	11.4	ng/kg		B			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	39227-28-6	1,2,3,4,7,8-HxCDD	2.89	J	0.126	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	40321-76-4	1,2,3,7,8-PECDD	1.51	J	0.180	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	51207-31-9	2,3,7,8-TCDF	0.217	J	0.125	1.14	ng/kg	J	JQ	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	2.1	J	0.115	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	57117-31-4	2,3,4,7,8-PECDF	0.598	J	0.0695	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	57117-41-6	1,2,3,7,8-PECDF	0.274	J	0.0673	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.665	J	0.0992	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	57653-85-7	1,2,3,6,7,8-HXCDD	12.1		0.131	5.72	ng/kg		B			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	60851-34-5	2,3,4,6,7,8-HXCDF	1.07	J	0.108	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	17.5		0.0807	5.72	ng/kg		B			MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.67	J	0.113	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6345926.68	1907974.58
SED-038-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172368	1613B	1/29/2011		METHOD	DX033	12.6	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.358	J	0.126	5.72	ng/kg	J	JB	J	Z	MDL	PQL	6345926.68	1907974.58
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8151A	1/7/2011		3550B	DE050	24.6	1	75-99-0	DALAPON	12	U	5.8	12	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8151A	1/7/2011		3550B	DE050	24.6	1	88-85-7	DINOSEB	3.2	R	1.1	3.2	ug/kg	R	U	R	L	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8151A	1/7/2011		3550B	DE050	24.6	1	93-65-2	MCPP	330	U	99	330	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8151A	1/7/2011		3550B	DE050	24.6	1	93-72-1	2,4,5-TP (Silvex)	0.23	U	0.099	0.23	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8151A	1/7/2011		3550B	DE050	24.6	1	93-76-5	2,4,5-T	0.23	U	0.11	0.23	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8151A	1/7/2011		3550B	DE050	24.6	1	94-74-6	MCPA	460		100	330	ug/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8151A	1/7/2011		3550B	DE050	24.6	1	94-75-7	2,4-D	4.8	U	1.6	4.8	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8151A	1/7/2011		3550B	DE050	24.6	1	94-82-6	2,4-DB	5.6		0.82	2.3	ug/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	100-01-6	4-NITROANILINE	220	U	88	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	100-02-7	4-NITROPHENOL	660	U	220	660	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	100-51-6	BENZYL ALCOHOL	660	U	220	660	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	105-67-9	2,4-DIMETHYLPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	106-44-5	4-METHYLPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	106-46-7	1,4-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	106-47-8	4-CHLOROANILINE	220	U	88	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	108-68-9	3,5-Dimethylphenol	220	U	44	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	108-95-2	PHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	33	J	22	440	ug/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	118-74-1	HEXACHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	120-82-1	1,2,4-TRICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	120-83-2	2,4-DICHLOROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	121-14-2	2,4-DINITROTOLUENE	220	U	44	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	132-64-9	DIBENZOFURAN	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	51-28-5	2,4-DINITROPHENOL	2700	U	880	2700	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	660	U	220	660	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	541-73-1	1,3-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	59-50-7	4-CHLORO-3-METHYLPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	606-20-2	2,6-DINITROTOLUENE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	62-53-3	ANILINE	660	U	220	660	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	65-85-0	BENZOIC ACID	660	U	220	660	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	67-72-1	HEXACHLOROETHANE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	220	U	44	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	660	U	220	660	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	78-59-1	ISOPHORONE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	86-30-6	N-NITROSODIPHENYLAMINE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	86-74-8	CARBAZOLE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	87-68-3	HEXACHLOROBUTADIENE	220	U	88	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	87-86-5	PENTACHLOROPHENOL	660	U	220	660	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	88-06-2	2,4,6-TRICHLOROPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	88-74-4	2-NITROANILINE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	88-75-5	2-NITROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	91-58-7	2-CHLORONAPHTHALENE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	91-94-1	3,3'-DICHLOROBENZIDINE	440	U	130	440	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	92-87-5	BENZIDINE	4400	U	1500	4400	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	95-48-7	2-METHYLPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	95-50-1	1,2-DICHLOROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	95-57-8	2-CHLOROPHENOL	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	95-95-4	2,4,5-TRICHLOROPHENOL	220	U	44	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	98-95-3	NITROBENZENE	220	U	22	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C	1/18/2011		3550B	DE050	24.6	1	99-09-2	3-NITROANILINE	220	U	44	220	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	117-84-0	Di-n-octylphthalate	24	U	8.0	24	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	120-12-7	ANTHRACENE	2.2	U	0.44	2.2	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	129-00-0	PYRENE	1.4	J	0.88	2.2	ug/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	131-11-3	Dimethylphthalate	24	U	8.0	24	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	191-24-2	BENZO(G,H,I)PERYLENE	2.2	U	0.88	2.2	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	193-39-5	INDENO(1,2,3-CD)PYRENE	2.2	U	0.88	2.2	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	205-99-2	BENZO(B)FLUORANTHENE	2.7		0.88	2.2	ug/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	206-44-0	FLUORANTHENE	2	J	0.88	2.2	ug/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	207-08-9	BENZO(K)FLUORANTHENE	0.91	J	0.88	2.2	ug/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	208-96-8	ACENAPHTHYLENE	2.2	U	0.44	2.2	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	218-01-9	CHRYSENE	2.2		0.44	2.2	ug/kg		J			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	50-32-8	BENZO(A)PYRENE	1.1	J	0.88	2.2	ug/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	53-70-3	DIBENZO(A,H)ANTHRACENE	2.2	U	0.88	2.2	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	56-55-3	BENZO(A)ANTHRACENE	2.2	U	0.88	2.2	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	62-75-9	N-NITROSODIMETHYLAMINE	2.2	U	0.88	2.2	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	83-32-9	ACENAPHTHENE	2.2	U	0.88	2.2	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	84-66-2	Diethylphthalate	24	U	8.0	24	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	84-74-2	Di-n-butylphthalate	24	U	8.0	24	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	85-01-8	PHENANTHRENE	1.6	J	0.88	2.2	ug/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	85-68-7	Butylbenzylphthalate	17	J	8.0	24	ug/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	86-73-7	FLUORENE	2	J	0.88	2.2	ug/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	90-12-0	1-METHYLNAPHTHALENE	2.2	U	0.88	2.2	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	91-20-3	NAPHTHALENE	1.7	J	0.88	2.2	ug/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8270C SIM	1/12/2011		3550B	DE050	24.6	1	91-57-6	2-METHYLNAPHTHALENE	2.2	U	0.88	2.2	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	9045M	12/27/2010		Gen Prep	DE050	24.6	1	pH	PH	7.02		0.0100	0.0100	pH unit					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	ASTM D1498	12/27/2010		Gen Prep	DE050	24.6	1	REDOX	Oxidation Reduction Potential	534		10.0	10.0	mv					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	160.3M	1/7/2011		Gen Prep	DE050	24.6	1	MOIST	MOISTURE	24.6		0.50	0.50	%					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	300.0	1/14/2011		METHOD	DE050	24.6	1	16984-48-8	FLUORIDE	1.3		1.1	1.3	mg/kg		J			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	314.0	1/14/2011		METHOD	DE050	24.6	1	14797-73-0	PERCHLORATE	39.8	U	11.9	39.8	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7429-90-5	ALUMINUM	9390		6.54	26.0	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7439-89-6	IRON	15400		6.12	26.0	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7439-93-2	LITHIUM	21.5		0.29	2.6	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7439-95-4	MAGNESIUM	3420		3.30	13.0	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7439-96-5	MANGANESE	230		0.101	0.650	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7440-09-7	POTASSIUM	3100		23.4	65.0	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7440-23-5	SODIUM	59.6	J	48.5	130	mg/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7440-24-6	STRONTIUM	11.1		0.0806	0.650	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7440-31-5	TIN	13	U	1.30	13.0	mg/kg	U	J	U	B, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7440-32-6	TITANIUM	821		0.494	1.30	mg/kg					MDL	PQL	6344616.999	1907697.74

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7440-42-8	BORON	3.97	J	1.16	6.50	mg/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7440-67-7	Zirconium	2.19	J	1.09	6.50	mg/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7440-70-2	CALCIUM	2200		7.97	26.0	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6010B	12/30/2010	NA	3050B	DE050	24.6	1	7723-14-0	PHOSPHORUS	357		0.728	13.0	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7782-49-2	SELENIUM	0.136	J	0.0515	0.515	mg/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7439-98-7	MOLYBDENUM	0.364	J	0.0644	0.129	mg/kg	J		J	Q	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-39-3	BARIUM	106		0.139	0.515	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7439-92-1	LEAD	10.3	J	0.0134	0.258	mg/kg	J		J	Q	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-02-0	NICKEL	11.6	J	0.129	0.515	mg/kg	J		J	Q, *#	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-22-4	SILVER	0.0238	J	0.0155	0.129	mg/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-28-0	THALLIUM	0.268		0.0386	0.129	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-36-0	ANTIMONY	0.258	UJ	0.0773	0.258	mg/kg	UJ	U	UJ	Q	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-38-2	ARSENIC	6.51	J	0.0773	0.515	mg/kg	J		J	Q	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-41-7	BERYLLIUM	0.513		0.0206	0.129	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-43-9	CADMIUM	0.125	J	0.0464	0.129	mg/kg	J	J	J	Q, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-47-3	CHROMIUM	18.3	J	0.155	0.515	mg/kg	J		J	Q	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-48-4	COBALT	6.8	J	0.0258	0.129	mg/kg	J		J	*#	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-50-8	COPPER	7.54	J	0.0850	0.515	mg/kg	J		J	Q	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-62-2	VANADIUM	37	J	0.0283	0.129	mg/kg	J		J	Q	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	6020	1/3/2011	NA	3050B	DE050	24.6	2	7440-66-6	ZINC	75.6		0.721	3.86	mg/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	7199	1/23/2011		3060A	DE050	24.6	1	18540-29-9	HEXAVALENT CHROMIUM	0.29	J	0.27	1.3	mg/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	7471A	12/28/2010	NA	METHOD	DE050	24.6	1	7439-97-6	MERCURY	0.125	U	0.0036	0.125	mg/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	5	319-86-8	DELTA-BHC	2.4	U	2.4	2.4	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	1024-57-3	HEPTACHLOR EPOXIDE	0.22	U	0.065	0.22	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	1031-07-8	ENDOSULFAN SULFATE	0.45	U	0.088	0.45	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	2385-85-5	MIREX	1.7	U	1.7	1.7	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	309-00-2	ALDRIN	0.13	J	0.088	0.22	ug/kg	J	J	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	319-84-6	ALPHA-BHC	0.22	UJ	0.045	0.22	ug/kg	UJ	U	UJ	L	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	319-85-7	BETA-BHC	0.22	U	0.080	0.22	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	33213-65-9	ENDOSULFAN II	0.45	U	0.088	0.45	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	50-29-3	4,4'-DDT	0.78	U	0.78	0.78	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	53494-70-5	ENDRIN KETONE	0.45	U	0.088	0.45	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	57-74-9	Chlordane	4.5	U	1.1	4.5	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	58-89-9	gamma-BHC (Lindane)	0.16	J	0.045	0.22	ug/kg	J	J	J	L, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	60-57-1	DIELDRIN	0.45	U	0.20	0.45	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	72-20-8	ENDRIN	0.45	U	0.088	0.45	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	72-43-5	METHOXYCHLOR	8.6	U	8.6	8.6	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	72-54-8	4,4'-DDD	0.45	U	0.088	0.45	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	72-55-9	4,4'-DDE	0.85	U	0.85	0.85	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	7421-93-4	ENDRIN ALDEHYDE	0.65	U	0.65	0.65	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	76-44-8	HEPTACHLOR	0.32		0.080	0.22	ug/kg					MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	8001-35-2	TOXAPHENE	8.8	U	2.9	8.8	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8081A	1/26/2011		3550B	DE050	24.6	1	959-98-8	ENDOSULFAN I	0.22	U	0.15	0.22	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	11096-82-5	AROCLOR 1260	1.3	J	0.44	2.3	ug/kg	J	J	J	S, L, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	11097-69-1	AROCLOR 1254	4.2	J	0.44	2.3	ug/kg	J		J	S, L	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	11100-14-4	Aroclor 1268	2.3	U	0.44	2.3	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	11104-28-2	AROCLOR 1221	2.3	U	0.66	2.3	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	11126-42-4	Aroclor 5460	2.1	J	1.3	4.4	ug/kg	J	J	J	S, L, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	11141-16-5	AROCLOR 1232	2.3	U	0.69	2.3	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	12642-23-8	Aroclor 5442	4.4	UJ	1.3	4.4	ug/kg	UJ	U	UJ	L	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	12672-29-6	AROCLOR 1248	2.3	U	0.44	2.3	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	12674-11-2	AROCLOR 1016	2.3	U	0.44	2.3	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	37324-23-5	Aroclor 1262	2.3	U	0.44	2.3	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	53469-21-9	AROCLOR 1242	2.3	U	0.66	2.3	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8082	1/12/2011		3550B	DE050	24.6	1	63496-31-1	Aroclor 5432	4.4	UJ	1.3	4.4	ug/kg	UJ	U	UJ	L	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8151A	1/7/2011		3550B	DE050	24.6	1	120-36-5	DICHLOROPROP	2.3	U	1.1	2.3	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172323	8151A	1/7/2011		3550B	DE050	24.6	1	1918-00-9	DICAMBA	1.6	U	0.53	1.6	ug/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	1746-01-6	2,3,7,8-TCDD	1.33	U	0.0634	1.33	ng/kg		U			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	19408-74-3	1,2,3,7,8,9-HXCDD	6.63	U	0.0475	6.63	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	3268-87-9	OCDD	18.1		0.0489	13.3	ng/kg		B			MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	2.51	J	0.0649	6.63	ng/kg	J	JB	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	39001-02-0	OCDF	13.3	U	0.0650	13.3	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.114	J	0.0493	6.63	ng/kg	J	JBQ	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	40321-76-4	1,2,3,7,8-PECDD	0.223	J	0.0637	6.63	ng/kg	J	JBQ	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	51207-31-9	2,3,7,8-TCDF	0.172	J	0.0889	1.33	ng/kg	J	JQ	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.63	U	0.0443	6.63	ng/kg	U	JB	U	B, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	57117-31-4	2,3,4,7,8-PECDF	6.63	U	0.0365	6.63	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	57117-41-6	1,2,3,7,8-PECDF	6.63	U	0.0381	6.63	ng/kg	U	JB	U	B, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	57117-44-9	1,2,3,6,7,8-HXCDF	6.63	U	0.0332	6.63	ng/kg	U	JB	U	B, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	57653-85-7	1,2,3,6,7,8-HXCDD	0.257	J	0.0513	6.63	ng/kg	J	JBQ	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	60851-34-5	2,3,4,6,7,8-HXCDF	6.63	U	0.0359	6.63	ng/kg	U	JB	U	B, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.459	J	0.0282	6.63	ng/kg	J	JB	J	Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	70648-26-9	1,2,3,4,7,8-HXCDF	6.63	U	0.0390	6.63	ng/kg	U	JB	U	B, Z	MDL	PQL	6344616.999	1907697.74
SED-039-SIV-SD-0.0-0.5	12/21/2010	N	0	0.5	ft bgs	SE	SED		6172369	1613B	1/29/2011		METHOD	DX033	24.6	1	72918-21-9	1,2,3,7,8,9-HXCDF	6.63	U	0.0434	6.63	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6344616.999	1907697.74
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	160.3M	12/15/2010		Gen Prep	DX020	8.3	1	MOIST	MOISTURE	8.3		0.50	0.50	%					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	1746-01-6	2,3,7,8-TCDD	1.09	U	0.151	1.09	ng/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	19408-74-3	1,2,3,7,8,9-HXCDD	0.493	J	0.182	5.45	ng/kg	J	JBQ	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	3268-87-9	OCDD	312		0.353	10.9	ng/kg		B			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	35822-46-9	1,2,3,4,6,7,8-HPCDD	25.3		0.335	5.45	ng/kg		B			MDL	PQL	6351341.68	1910214.58

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	39001-02-0	OCDF	15.5		0.207	10.9	ng/kg		B			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	39227-28-6	1,2,3,4,7,8-HxCDD	0.283	J	0.176	5.45	ng/kg	J	JBQ	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	40321-76-4	1,2,3,7,8-PECDD	0.316	J	0.149	5.45	ng/kg	J	JBQ	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	51207-31-9	2,3,7,8-TCDF	1.09	U	0.175	1.09	ng/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.45	U	0.308	5.45	ng/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	57117-31-4	2,3,4,7,8-PECDF	0.336	J	0.0880	5.45	ng/kg	J	JBQ	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	57117-41-6	1,2,3,7,8-PECDF	0.323	J	0.0916	5.45	ng/kg	J	JBQ	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.45	U	0.133	5.45	ng/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	57653-85-7	1,2,3,6,7,8-HXCDD	1.09	J	0.168	5.45	ng/kg	J	JQ	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.45	U	0.147	5.45	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	4.46	J	0.210	5.45	ng/kg	J	JBQ	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.45	U	0.154	5.45	ng/kg	U	JBQ	U	B, Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163649	1613B	1/12/2011		METHOD	DX020	8.3	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.45	U	0.163	5.45	ng/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	300.0	1/4/2011		METHOD	DE036	8.3	1	16984-48-8	FLUORIDE	1.1	U	0.87	1.1	mg/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	314.0	12/30/2010		METHOD	DE036	8.3	1	14797-73-0	PERCHLORATE	32.7	U	9.8	32.7	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/24/2010	NA	3050B	DE036	8.3	1	7440-23-5	SODIUM	62.3	J	39.9	107	mg/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/22/2010	NA	3050B	DE036	8.3	1	7440-32-6	TITANIUM	1120		0.410	1.08	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7429-90-5	ALUMINUM	11700		5.38	21.4	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7439-89-6	IRON	18700		5.04	21.4	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7439-93-2	LITHIUM	21.6		0.24	2.1	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7439-95-4	MAGNESIUM	4180		2.72	10.7	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7439-96-5	MANGANESE	252		0.0834	0.535	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7440-09-7	POTASSIUM	3390		19.2	53.5	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7440-24-6	STRONTIUM	13.8		0.0663	0.535	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7440-31-5	TIN	10.7	U	1.07	10.7	mg/kg	U	J	U	B, Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7440-42-8	BORON	5.27	J	0.952	5.35	mg/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7440-67-7	Zirconium	1.05	J	0.898	5.35	mg/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7440-70-2	CALCIUM	2320		6.55	21.4	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6010B	12/21/2010	NA	3050B	DE036	8.3	1	7723-14-0	PHOSPHORUS	408		0.599	10.7	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/28/2010	NA	3050B	DE036	8.3	2	7440-43-9	CADMIUM	0.192	J	0.0393	0.109	mg/kg	J		J	Q	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7782-49-2	SELENIUM	0.129	J	0.0436	0.436	mg/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7439-98-7	MOLYBDENUM	0.471	J	0.0545	0.109	mg/kg	J		J	Q	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-39-3	BARIUM	120	J	0.118	0.436	mg/kg	J		J	E, *#	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7439-92-1	LEAD	10.8	J	0.0113	0.218	mg/kg	J		J	E, Q	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-02-0	NICKEL	13	J	0.109	0.436	mg/kg	J		J	E, Q	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-22-4	SILVER	0.0217	J	0.0131	0.109	mg/kg	J	J	J	Q, Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-28-0	THALLIUM	0.31		0.0327	0.109	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-36-0	ANTIMONY	0.218	R	0.0654	0.218	mg/kg	R	U	R	Q, E	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-38-2	ARSENIC	4.31	J	0.0654	0.436	mg/kg	J		J	E, Q	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-41-7	BERYLLIUM	0.503	J	0.0174	0.109	mg/kg	J		J	E, Q	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-47-3	CHROMIUM	20.5	J	0.131	0.436	mg/kg	J		J	Q	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-48-4	COBALT	6.78	J	0.0218	0.109	mg/kg	J		J	E, Q	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-50-8	COPPER	9.21	J	0.0720	0.436	mg/kg	J		J	E, Q	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-62-2	VANADIUM	41.7		0.0240	0.109	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	6020	12/26/2010	NA	3050B	DE036	8.3	2	7440-66-6	ZINC	77.6		0.611	3.27	mg/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	7199	1/5/2011		3060A	DE036	8.3	1	18540-29-9	HEXAVALENT CHROMIUM	0.44	J	0.22	1.1	mg/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	7471A	12/20/2010	NA	METHOD	DE036	8.3	1	7439-97-6	MERCURY	0.0039	J	0.0031	0.107	mg/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	1024-57-3	HEPTACHLOR EPOXIDE	0.18	U	0.050	0.18	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	1031-07-8	ENDOSULFAN SULFATE	0.37	U	0.072	0.37	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	2385-85-5	MIREX	0.37	U	0.072	0.37	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	309-00-2	ALDRIN	0.18	U	0.072	0.18	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	319-84-6	ALPHA-BHC	0.18	U	0.075	0.18	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	319-85-7	BETA-BHC	0.18	U	0.065	0.18	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	319-86-8	DELTA-BHC	0.18	U	0.039	0.18	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	33213-65-9	ENDOSULFAN II	0.37	U	0.13	0.37	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	50-29-3	4,4'-DDT	0.69	U	0.69	0.69	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	53494-70-5	ENDRIN KETONE	0.37	U	0.13	0.37	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	57-74-9	Chlordane	4.1	U	4.1	4.1	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	58-89-9	gamma-BHC (Lindane)	0.3	U	0.30	0.30	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	60-57-1	DIELDRIN	0.37	U	0.18	0.37	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	72-20-8	ENDRIN	0.37	U	0.072	0.37	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	72-43-5	METHOXYCHLOR	1.8	U	0.37	1.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	72-54-8	4,4'-DDD	0.37	U	0.072	0.37	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	72-55-9	4,4'-DDE	0.56	U	0.56	0.56	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	7421-93-4	ENDRIN ALDEHYDE	0.37	U	0.25	0.37	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	76-44-8	HEPTACHLOR	0.18	U	0.17	0.18	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	8001-35-2	TOXAPHENE	7.2	U	2.4	7.2	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8081A	12/31/2010		3550B	DE036	8.3	1	959-98-8	ENDOSULFAN I	0.18	U	0.048	0.18	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	11096-82-5	AROCLOR 1260	4.3		0.36	1.9	ug/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	11097-69-1	AROCLOR 1254	2.4		0.36	1.9	ug/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	11100-14-4	Aroclor 1268	1.9	U	0.36	1.9	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	11104-28-2	AROCLOR 1221	1.9	U	0.55	1.9	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	11126-42-4	Aroclor 5460	4.2	J	1.1	3.6	ug/kg	J		J	L	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	11141-16-5	AROCLOR 1232	1.9	U	0.57	1.9	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	12642-23-8	Aroclor 5442	3.6	UJ	1.1	3.6	ug/kg	UJ	U	UJ	L	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	12672-29-6	AROCLOR 1248	1.9	U	0.36	1.9	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	12674-11-2	AROCLOR 1016	1.9	U	0.36	1.9	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	37324-23-5	Aroclor 1262	1.9	U	0.36	1.9	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	53469-21-9	AROCLOR 1242	1.9	U	0.55	1.9	ug/kg		U			MDL	PQL	6351341.68	1910214.58

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8082	12/22/2010		3550B	DE036	8.3	1	63496-31-1	Aroclor 5432	3.6	UJ	1.1	3.6	ug/kg	UJ	U	UJ	L	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8151A	12/28/2010		3550B	DE036	8.3	1	120-36-5	DICHLOROPROP	1.9	U	0.87	1.9	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8151A	12/28/2010		3550B	DE036	8.3	1	1918-00-9	DICAMBA	1.3	U	0.44	1.3	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8151A	12/28/2010		3550B	DE036	8.3	1	75-99-0	DALAPON	9.8	U	4.8	9.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8151A	12/28/2010		3550B	DE036	8.3	1	88-85-7	DINOSEB	2.6	R	0.87	2.6	ug/kg	R	U	R	L	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8151A	12/28/2010		3550B	DE036	8.3	1	93-65-2	MCPP	410		82	270	ug/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8151A	12/28/2010		3550B	DE036	8.3	1	93-72-1	2,4,5-TP (Silvex)	0.19	U	0.082	0.19	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8151A	12/28/2010		3550B	DE036	8.3	1	93-76-5	2,4,5-T	0.19	U	0.089	0.19	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8151A	12/28/2010		3550B	DE036	8.3	1	94-74-6	MCPA	580	U	580	580	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8151A	12/28/2010		3550B	DE036	8.3	1	94-75-7	2,4-D	3.9	U	1.3	3.9	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8151A	12/28/2010		3550B	DE036	8.3	1	94-82-6	2,4-DB	1.9	U	0.68	1.9	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	100-01-6	4-NITROANILINE	180	U	73	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	100-02-7	4-NITROPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	100-51-6	BENZYL ALCOHOL	550	U	180	550	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	101-55-3	4-BROMOPHENYL-PHENYLETHER	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	105-67-9	2,4-DIMETHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	106-44-5	4-METHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	106-46-7	1,4-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	106-47-8	4-CHLOROANILINE	180	U	73	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	108-68-9	3,5-Dimethylphenol	180	U	36	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	108-95-2	PHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	111-44-4	BIS(2-CHLOROETHYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	111-91-1	BIS(2-CHLOROETHOXY)METHANE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	360	U	18	360	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	118-74-1	HEXACHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	120-82-1	1,2,4-TRICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	120-83-2	2,4-DICHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	121-14-2	2,4-DINITROTOLUENE	180	U	36	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	122-66-7	1,2-Diphenylhydrazine/Azobenzene	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	132-64-9	DIBENZOFURAN	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	51-28-5	2,4-DINITROPHENOL	2200	U	730	2200	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	534-52-1	4,6-DINITRO-2-METHYLPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	541-73-1	1,3-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	59-50-7	4-CHLORO-3-METHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	606-20-2	2,6-DINITROTOLUENE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	62-53-3	ANILINE	550	U	180	550	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	65-85-0	BENZOIC ACID	550	U	180	550	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	67-72-1	HEXACHLOROETHANE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	180	U	36	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	77-47-4	HEXACHLOROCYCLOPENTADIENE	550	U	180	550	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	78-59-1	ISOPHORONE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	86-30-6	N-NITROSODIPHENYLAMINE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	86-74-8	CARBAZOLE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	87-68-3	HEXACHLOROBUTADIENE	180	U	73	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	87-86-5	PENTACHLOROPHENOL	550	U	180	550	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	88-06-2	2,4,6-TRICHLOROPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	88-74-4	2-NITROANILINE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	88-75-5	2-NITROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	91-58-7	2-CHLORONAPHTHALENE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	91-94-1	3,3'-DICHLOROBENZIDINE	360	UJ	110	360	ug/kg	UJ	U	UJ	L	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	92-87-5	BENZIDINE	3600	U	1300	3600	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	95-48-7	2-METHYLPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	95-50-1	1,2-DICHLOROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	95-57-8	2-CHLOROPHENOL	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	95-95-4	2,4,5-TRICHLOROPHENOL	180	U	36	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	98-95-3	NITROBENZENE	180	U	18	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C	1/14/2011		3550B	DE036	8.3	1	99-09-2	3-NITROANILINE	180	U	36	180	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	117-84-0	Di-n-octylphthalate	20	U	6.5	20	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	120-12-7	ANTHRACENE	0.38	J	0.36	1.8	ug/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	129-00-0	PYRENE	2.3		0.73	1.8	ug/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	131-11-3	Dimethylphthalate	20	U	6.5	20	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	205-99-2	BENZO(B)FLUORANTHENE	2.1		0.73	1.8	ug/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	206-44-0	FLUORANTHENE	3.2		0.73	1.8	ug/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	207-08-9	BENZO(K)FLUORANTHENE	0.73	J	0.73	1.8	ug/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	218-01-9	CHRYSENE	1.8		0.36	1.8	ug/kg		J			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	50-32-8	BENZO(A)PYRENE	0.79	J	0.73	1.8	ug/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	56-55-3	BENZO(A)ANTHRACENE	0.84	J	0.73	1.8	ug/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	62-75-9	N-NITROSODIMETHYLAMINE	1.8	U	0.73	1.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	83-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	84-66-2	Diethylphthalate	20	U	6.5	20	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	84-74-2	Di-n-butylphthalate	20	U	6.5	20	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	85-01-8	PHENANTHRENE	2.4		0.73	1.8	ug/kg					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	85-68-7	Butylbenzylphthalate	20	U	6.5	20	ug/kg		U			MDL	PQL	6351341.68	1910214.58

HSA Drainage Sediment Sample Results
Analyzed by Lancaster Laboratories

Sample Name	Sample Date	Sample Type Code	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample ID	Analytic Method	Analysis Date	Fraction	Prep Method	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result Value	Final Qualifiers	Method Detection Limit	Reporting Detection Limit	Report Result Unit	Validator Qualifiers	Lab Qual.	DQM Qual.	DQM Remarks	DL Type	RL Type	x coordinate	y coordinate
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	86-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	91-20-3	NAPHTHALENE	1.3	J	0.73	1.8	ug/kg	J	J	J	Z	MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	8270C SIM	12/23/2010		3550B	DE036	8.3	1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg		U			MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	9045M	12/15/2010		Gen Prep	DE036	8.3	1	pH	PH	7.01		0.0100	0.0100	pH unit					MDL	PQL	6351341.68	1910214.58
SED-040-SIV-SD-0.0-0.5	12/13/2010	N	0	0.5	ft bgs	SE	SED		6163613	ASTM D1498	12/15/2010		Gen Prep	DE036	8.3	1	REDOX	Oxidation Reduction Potential	494		10.0	10.0	mv					MDL	PQL	6351341.68	1910214.58