

Table 1
Summary of Soil Sample Locations and Chemical Analyses in Subarea 8N

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Group	SampleID	SampleType	Location Description	Technical Justification	Analytes
1	1	Surface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Glycols
1	1	Subsurface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Glycols
1	2	Surface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Glycols
1	2	Subsurface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Glycols
1	3	Surface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Glycols
1	3	Subsurface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Glycols
1	4	Surface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Energetics, Glycols
1	4	Subsurface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Energetics, Glycols
1	5	Surface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Energetics, Glycols
1	5	Subsurface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Energetics, Glycols
1	6	Surface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Energetics, Glycols
1	6	Subsurface	ESADA Area Building 4820	Possible uranium contamination from zirconium-hydride fuel pellets used in impact testing.	Primary, Energetics, Glycols
1	7	Surface	ESADA Area Building 4314	Geophysical anomaly "Magnetometer".	Primary, Glycols
1	7	Subsurface	ESADA Area Building 4314	Geophysical anomaly "Magnetometer".	Primary, Glycols
1	8	Surface	ESADA Area Building 4314	Geophysical anomaly "Conductivity".	Primary, Glycols
1	8	Subsurface	ESADA Area Building 4314	Geophysical anomaly "Conductivity".	Primary, Glycols
1	9	Surface	ESADA Area Building 4314	Geophysical anomaly "Conductivity".	Primary, Energetics, Glycols
1	9	Subsurface	ESADA Area Building 4314	Geophysical anomaly "Conductivity".	Primary, Energetics, Glycols
1	10	Surface	ESADA Area Building 4314	Geophysical anomaly "Conductivity".	Primary, Secondary
1	10	Subsurface	ESADA Area Building 4314	Geophysical anomaly "Conductivity".	Primary, Secondary
1	11	Surface	ESADA Area north of Building 4314	Location of an aerial photography feature "Container".	Primary, Secondary
1	11	Subsurface	ESADA Area north of Building 4315	Location of an aerial photography feature "Container".	Primary, Secondary
1	12	Surface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Trench".	Primary, Secondary
1	12	Subsurface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Trench".	Primary, Secondary
1	13	Surface	ESADA Area east of Building 4814	Location of an aerial photography feature "Trench".	Primary, Glycols
1	13	Subsurface	ESADA Area east of Building 4814	Location of an aerial photography feature "Trench".	Primary, Glycols
1	14	Surface	ESADA Area west of Building 4814	Location of an aerial photography feature "Trench".	Primary, Glycols
1	14	Subsurface	ESADA Area west of Building 4814	Location of an aerial photography feature "Trench".	Primary, Glycols
1	15	Surface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Trench".	Primary, Glycols
1	15	Subsurface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Trench".	Primary, Glycols
1	16	Surface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Trench".	Primary, Glycols
1	16	Subsurface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Trench".	Primary, Glycols
1	17	Surface	ESADA Area north of Building 4814	Location of an aerial photography feature "Trench".	Primary, Glycols
1	17	Subsurface	ESADA Area north of Building 4814	Location of an aerial photography feature "Trench".	Primary, Glycols
1	18	Surface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Excavation".	Primary
1	18	Subsurface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Excavation".	Primary
1	19	Surface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Excavation".	Primary, Secondary
1	19	Subsurface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Excavation".	Primary, Secondary
1	20	Surface	ESADA Area south of the Arness Fire Road	Aerial photo feature "Excavation". Underground Piping Building 4814 to Former Sodium Disposal Facility.	Primary, Secondary
1	20	Subsurface	ESADA Area south of the Arness Fire Road	Aerial photo feature "Excavation". Underground Piping Building 4814 to Former Sodium Disposal Facility.	Primary, Secondary
1	21	Surface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Excavation and Ground Scar".	Primary, Secondary
1	21	Subsurface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Excavation and Ground Scar".	Primary, Secondary
1	22	Surface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Excavation, Ground Scar, Trench".	Primary, Secondary
1	22	Subsurface	ESADA Area south of the Arness Fire Road	Location of an aerial photography feature "Excavation, Ground Scar, Trench".	Primary, Secondary
1	23	Surface	ESADA Area west of Building 4425	Location of an aerial photography feature "Trench".	Primary
1	23	Subsurface	ESADA Area west of Building 4425	Location of an aerial photography feature "Trench".	Primary
1	24	Surface	ESADA Area west of Building 4425	Geophysical anomaly "Magnetometer".	De-Select
1	24	Subsurface	ESADA Area west of Building 4425	Geophysical anomaly "Magnetometer".	De-Select
1	25	Surface	ESADA Area west of Building 4425	Geophysical anomaly "Magnetometer".	De-Select
1	25	Subsurface	ESADA Area west of Building 4425	Geophysical anomaly "Magnetometer".	De-Select
1	26	Surface	ESADA Area west of Building 4425	Geophysical anomaly "Magnetometer".	De-Select
1	26	Subsurface	ESADA Area west of Building 4425	Geophysical anomaly "Magnetometer".	De-Select
1	27	Surface	ESADA Area west of Building 4425	Location of an aerial photography feature "Trench" and Geophysical anomaly "Magnetometer".	De-Select
1	27	Subsurface	ESADA Area west of Building 4425	Location of an aerial photography feature "Trench" and Geophysical anomaly "Magnetometer".	De-Select
1	28	Surface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer and Conductivity".	Primary, TPH
1	28	Subsurface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer and Conductivity".	Primary, TPH
1	29	Surface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer".	De-Select
1	29	Subsurface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer".	De-Select
1	30	Surface	ESADA Area east of Building 4318	Geophysical anomaly "Conductivity".	De-Select
1	30	Subsurface	ESADA Area east of Building 4318	Geophysical anomaly "Conductivity".	De-Select
1	31	Surface	ESADA Area east of Building 4318	Location of an aerial photography feature "Trench" and geophysical anomaly "Magnetometer".	De-Select
1	31	Subsurface	ESADA Area east of Building 4318	Location of an aerial photography feature "Trench" and geophysical anomaly "Magnetometer".	De-Select
1	32	Surface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer and Conductivity" and elevated gamma readings.	Primary, TPH
1	32	Subsurface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer and Conductivity" and elevated gamma readings.	Primary, TPH
1	33	Surface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer and Conductivity".	De-Select
1	33	Subsurface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer and Conductivity".	De-Select

Table 1
Summary of Soil Sample Locations and Chemical Analyses in Subarea 8N

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Group	SampleID	SampleType	Location Description	Technical Justification	Analytes
1	34	Surface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer".	De-Select
1	34	Subsurface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer".	De-Select
1	35	Surface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer".	De-Select
1	35	Subsurface	ESADA Area east of Building 4318	Geophysical anomaly "Magnetometer".	De-Select
1	36	Surface	ESADA Area west of Building 4425	Geophysical anomaly "Magnetometer and Conductivity".	Primary, TPH
1	36	Subsurface	ESADA Area west of Building 4425	Geophysical anomaly "Magnetometer and Conductivity".	Primary, TPH
1	37	Surface	ESADA Area west of Building 4425	Geophysical anomaly "Magnetometer and Conductivity".	De-Select
1	37	Subsurface	ESADA Area west of Building 4425	Geophysical anomaly "Magnetometer and Conductivity".	De-Select
1	38	Surface	ESADA Area west of Building 4425	Geophysical anomaly "Conductivity".	De-Select
1	38	Subsurface	ESADA Area west of Building 4425	Geophysical anomaly "Conductivity".	De-Select
1	39	Surface	ESADA Area south of Building 4425	Geophysical anomaly "Conductivity" and elevated gamma readings.	De-Select
1	39	Subsurface	ESADA Area south of Building 4425	Geophysical anomaly "Conductivity" and elevated gamma readings.	De-Select
1	40	Surface	ESADA Area south of Building 4425	Geophysical anomaly "Magnetometer and Conductivity" and elevated gamma readings.	Primary, TPH
1	40	Subsurface	ESADA Area south of Building 4425	Geophysical anomaly "Magnetometer and Conductivity" and elevated gamma readings.	Primary, TPH
1	41	Subsurface	ESADA Area west of Building 4425	Potential radiological contamination below concrete drainage ditch.	Primary, TPH
1	42	Subsurface	ESADA Area south of Building 4425	Potential radiological contamination below concrete drainage ditch.	De-Select
1	43	Subsurface	ESADA Area east of Building 4425	Potential radiological contamination below concrete drainage ditch.	De-Select
1	44	Drainage	ESADA Area north of Building 4425	Accumulated sediment within concrete drainage ditch.	De-Select
1	45	Drainage	ESADA Area south of Building 4425	Accumulated sediment within concrete drainage ditch.	De-Select
1	46	Drainage	ESADA Area west of Building 4425	Accumulated sediment within concrete drainage ditch.	Primary, TPH
1	47	Drainage	ESADA Area drainage ditch south of the Arness Fire Road	Accumulated sediment in drainage south of Former Sodium Disposal Facility.	Primary, Secondary
1	48	Drainage	ESADA Area drainage ditch south of the Arness Fire Road	Accumulated sediment in drainage south of Former Sodium Disposal Facility.	Primary, Glycols
1	49	Surface	ESADA Area north of Building 4814	Underground piping transported waste sodium from Building 4814 to Former Sodium Disposal Facility.	Primary, Secondary
1	49	Subsurface	ESADA Area north of Building 4814	Underground piping transported waste sodium from Building 4814 to Former Sodium Disposal Facility.	Primary, Secondary
1	50	Surface	ESADA Area north of Building 4814	Underground piping transported waste sodium from Building 4814 to Former Sodium Disposal Facility.	Primary, Glycols
1	50	Subsurface	ESADA Area north of Building 4814	Underground piping transported waste sodium from Building 4814 to Former Sodium Disposal Facility.	Primary, Glycols
1	51	Surface	Former Sodium Disposal Facility	Former concrete pool at Former Sodium Disposal Facility Building 4886.	De-Select
1	51	Subsurface	Former Sodium Disposal Facility	Former concrete pool at Former Sodium Disposal Facility Building 4886.	PCB, Perchlorate, Mercury, top of bedrock, Install Soil Vapor Probe
2	52	Surface	Former Sodium Disposal Facility	Conductivity anomaly found in area of the former Upper Pond.	De-Select
2	52	Subsurface	Former Sodium Disposal Facility	Conductivity anomaly found in area of the former Upper Pond.	De-Select
2	53	Surface	Former Sodium Disposal Facility	Conductivity anomaly found in area of the former Upper Pond.	De-Select
2	53	Subsurface	Former Sodium Disposal Facility	Conductivity anomaly found in area of the former Upper Pond.	De-Select
2	54	Surface	Former Sodium Disposal Facility	Area of former Upper Pond.	De-Select
2	54	Subsurface	Former Sodium Disposal Facility	Area of former Upper Pond.	Install Soil Vapor Probe
2	55	Surface	Former Sodium Disposal Facility	Low point of the former Upper Pond.	De-Select
2	55	Subsurface	Former Sodium Disposal Facility	Low point of the former Upper Pond.	De-Select
2	56	Surface	Former Sodium Disposal Facility	Conductivity anomaly, historical photographs, aerial photo feature "Trench".	Primary, Secondary
2	56	Subsurface	Former Sodium Disposal Facility	Conductivity anomaly, historical photographs, aerial photo feature "Trench".	Primary, Secondary
2	57	Surface	Former Sodium Disposal Facility	Aerial photo feature "Surface Water Diversion Trench".	Primary, Secondary
2	57	Subsurface	Former Sodium Disposal Facility	Aerial photo feature "Surface Water Diversion Trench".	Primary, Secondary
2	58	Surface	Former Sodium Disposal Facility	Aerial photo feature "Surface Water Diversion Trench" and geophysical anomaly "Conductivity".	De-Select
2	58	Subsurface	Former Sodium Disposal Facility	Aerial photo feature "Surface Water Diversion Trench" and geophysical anomaly "Conductivity".	Install Soil Vapor Probe
2	59	Surface	Former Sodium Disposal Facility	Aerial photo feature "Surface Water Diversion Trench".	De-Select
2	59	Subsurface	Former Sodium Disposal Facility	Aerial photo feature "Surface Water Diversion Trench".	Install Soil Vapor Probe
2	60	Surface	Former Sodium Disposal Facility	Aerial photo feature "Surface Water Diversion Trench".	De-Select
2	60	Subsurface	Former Sodium Disposal Facility	Aerial photo feature "Surface Water Diversion Trench".	De-Select
2	61	Surface	Former Sodium Disposal Facility	Aerial photo feature "Surface Water Diversion Trench".	De-Select
2	61	Subsurface	Former Sodium Disposal Facility	Aerial photo feature "Surface Water Diversion Trench".	De-Select
2	62	Surface	Former Sodium Disposal Facility	Magnetometer anomaly in former Lower Pond.	Primary, Secondary
2	62	Subsurface	Former Sodium Disposal Facility	Magnetometer anomaly in former Lower Pond.	Primary, Secondary
2	63	Surface	Former Sodium Disposal Facility	Former Lower Pond.	De-Select
2	63	Subsurface	Former Sodium Disposal Facility	Former Lower Pond.	Install Soil Vapor Probe
2	64	Surface	Former Sodium Disposal Facility	Low point of the former Lower Pond.	De-Select
2	64	Subsurface	Former Sodium Disposal Facility	Low point of the former Lower Pond.	De-Select
2	65	Surface	Former Sodium Disposal Facility	Surface water run-off from the Building 4886.	De-Select
2	65	Subsurface	Former Sodium Disposal Facility	Surface water run-off from the Building 4886.	De-Select
2	66	Surface	Former Sodium Disposal Facility	Geophysical anomaly "Magnetometer and Conductivity".	De-Select
2	66	Subsurface	Former Sodium Disposal Facility	Geophysical anomaly "Magnetometer and Conductivity".	De-Select
2	67	Surface	Former Sodium Disposal Facility	Geophysical anomaly "Magnetometer and Conductivity".	Primary, Secondary
2	67	Subsurface	Former Sodium Disposal Facility	Geophysical anomaly "Magnetometer and Conductivity".	Primary, Secondary
2	68	Surface	Former Sodium Disposal Facility	Geophysical anomaly "Conductivity".	De-Select
2	68	Subsurface	Former Sodium Disposal Facility	Geophysical anomaly "Conductivity".	De-Select
2	69	Surface	Former Sodium Disposal Facility	Aerial photo feature "Trench".	De-Select
2	69	Subsurface	Former Sodium Disposal Facility	Aerial photo feature "Trench".	De-Select

Table 1
Summary of Soil Sample Locations and Chemical Analyses in Subarea 8N

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Group	SampleID	SampleType	Location Description	Technical Justification	Analytes
2	70	Surface	Former Sodium Disposal Facility	Surface water run off from the Building 4886.	De-Select
2	70	Subsurface	Former Sodium Disposal Facility	Surface water run off from the Building 4886.	De-Select
2	71	Surface	West of the Former Sodium Disposal Facility	Historical photograph.	Primary, Secondary
2	71	Subsurface	West of the Former Sodium Disposal Facility	Historical photograph.	Primary, Secondary
2	72	Surface	Former Sodium Disposal Facility	Previous excavation.	De-Select
2	72	Subsurface	Former Sodium Disposal Facility	Previous excavation.	De-Select
2	73	Surface	Former Sodium Disposal Facility	Previous excavation.	De-Select
2	73	Subsurface	Former Sodium Disposal Facility	Previous excavation.	Install Soil Vapor Probe
2	74	Surface	Former Sodium Disposal Facility	Previous excavation.	De-Select
2	74	Subsurface	Former Sodium Disposal Facility	Previous excavation.	De-Select
2	75	Surface	Former Sodium Disposal Facility	Geophysical anomaly "Magnetometer".	Primary, Secondary
2	75	Subsurface	Former Sodium Disposal Facility	Geophysical anomaly "Magnetometer".	Primary, Secondary
2	76	Surface	Former Sodium Disposal Facility downgradient of Outfall 5	Previous excavation.	Primary, Secondary
2	76	Subsurface	Former Sodium Disposal Facility downgradient of Outfall 5	Previous excavation.	Primary, Secondary
2	77	Drainage	Former Sodium Disposal Facility downgradient of Outfall 6	Sediment downgradient of Outfall 006.	Primary, Secondary
2	78	Surface	Former Sodium Disposal Facility	Aerial photo feature "Excavation" and geophysical anomaly "Magnetometer".	Primary, Secondary
2	78	Subsurface	Former Sodium Disposal Facility	Aerial photo feature "Excavation" and geophysical anomaly "Magnetometer".	Primary, Secondary
2	79	Surface	East of the Former Sodium Disposal Facility	Elevated gamma readings and historical photos.	Primary, Secondary
2	79	Subsurface	East of the Former Sodium Disposal Facility	Elevated gamma readings and historical photos.	Primary, Secondary
2	80	Surface	Former Sodium Disposal Facility	Geophysical anomaly "Conductivity", historical photos, aerial photos.	Primary, Secondary
2	80	Subsurface	Former Sodium Disposal Facility	Geophysical anomaly "Conductivity", historical photos, aerial photos.	Primary, Secondary
2	81	Surface	East of the Former Sodium Disposal Facility	Elevated gamma readings and historical photos.	Primary, Secondary
2	81	Subsurface	East of the Former Sodium Disposal Facility	Elevated gamma readings and historical photos.	Primary, Secondary
2	82	Surface	East of the Former Sodium Disposal Facility	Elevated gamma readings and historical photos.	Primary, Secondary
2	82	Subsurface	East of the Former Sodium Disposal Facility	Elevated gamma readings and historical photos.	Primary, Secondary
2	83	Surface	Former Sodium Disposal Facility	Aerial Photo Feature "Trench".	De-Select
2	83	Subsurface	Former Sodium Disposal Facility	Aerial Photo Feature "Trench".	De-Select
2	84	Surface	Former Sodium Disposal Facility	Aerial photo of excavation at Lower Pond.	De-Select
2	84	Subsurface	Former Sodium Disposal Facility	Aerial photo of excavation at Lower Pond.	De-Select
2	85	Surface	West of the Former Sodium Disposal Facility	Past Environmental Data.	Primary, Secondary
2	85	Subsurface	West of the Former Sodium Disposal Facility	Past Environmental Data.	Primary, Secondary
2	86	Surface	Former Sodium Disposal Facility	Surface water run off from sodium cleaning process at Building 4886.	De-Select
2	86	Subsurface	Former Sodium Disposal Facility	Surface water run off from sodium cleaning process at Building 4886.	De-Select
2	87	Subsurface	Former Sodium Disposal Facility south Of Outfall 7	Geophysical anomaly "Conductivity".	Primary, Secondary
2	88	Subsurface	Former Sodium Disposal Facility south Of Outfall 9	Geophysical anomaly "Conductivity and Ground Penetrating Radar".	Primary, Secondary
2	89	Drainage	East of the Former Sodium Disposal Facility	Sediment in drainage east of the Former Sodium Disposal Facility.	Primary, Secondary
2	90	Drainage	East of the Former Sodium Disposal Facility	Sediment in drainage east of the Former Sodium Disposal Facility.	Primary
2	91	Drainage	East of the Former Sodium Disposal Facility	Sediment in drainage east of the Former Sodium Disposal Facility.	Primary
2	92	Drainage	Drainage on west side of the Former Sodium Disposal Facility	Sediment in drainage downgradient of "Likely Remediation Zone West", Former Sodium Disposal Facility.	Primary, Secondary
2	93	Drainage	Drainage on west side of the Former Sodium Disposal Facility	Sediment in drainage downgradient of "Likely Remediation Zone West", Former Sodium Disposal Facility.	Primary, Secondary
2	94	Surface	Building 4009	Geophysical anomaly "Conductivity" and Aerial Photo Feature "Fill Area".	Primary
2	94	Subsurface	Building 4009	Geophysical anomaly "Conductivity" and Aerial Photo Feature "Fill Area".	Primary
2	95	Surface	Building 4009	Geophysical anomaly "Conductivity" and Aerial Photo Feature "Fill Area".	Primary
2	95	Subsurface	Building 4009	Geophysical anomaly "Conductivity" and Aerial Photo Feature "Fill Area".	Primary
2	96	Surface	Building 4009	Geophysical anomaly "Magnetometer" and Aerial Photo Feature "Fill Area".	Primary
2	96	Subsurface	Building 4009	Geophysical anomaly "Magnetometer" and Aerial Photo Feature "Fill Area".	Primary
2	97	Surface	Building 4009	Geophysical anomaly "Magnetometer" and Aerial Photo Feature "Fill Area".	Primary
2	97	Subsurface	Building 4009	Geophysical anomaly "Magnetometer" and Aerial Photo Feature "Fill Area".	Primary
2	98	Surface	Building 4009	Geophysical anomaly "Conductivity" and surface drainage.	Primary
2	98	Subsurface	Building 4009	Geophysical anomaly "Conductivity" and surface drainage.	Primary
2	99	SubSurface	Building 4009	Geophysical anomaly "Conductivity" and north of the Building 4009 former leach field.	Primary, Secondary
2	100	Surface	North of Building 4009	Former leach field north of Building 4009.	De-Select
2	100	Subsurface	North of Building 4009	Former leach field north of Building 4009.	De-Select
2	101	Surface	North of Building 4009	Former leach field north of Building 4009.	Primary, Secondary
2	101	Subsurface	North of Building 4009	Former leach field north of Building 4009.	Primary, Secondary
2	102	Surface	North of Building 4009	Former leach field north of Building 4009.	Primary, Secondary
2	102	Subsurface	North of Building 4009	Former leach field north of Building 4009.	Primary, Secondary
2	103	Subsurface	North of Building 4009	Former leach field north of Building 4009.	Primary, Secondary
2	104	Subsurface	North of Building 4009	Geophysical anomaly "Manetometer" associated with former leach field.	Primary
2	105	Subsurface	Building 4009	Potential radiological contamination from holdup tank on the east side of Building 4009.	Primary, Secondary
2	106	Subsurface	West side Building 4009	Potential radiological contamination below concrete drainage ditch.	Primary, Secondary
2	107	Drainage	Building 4009	Accumulated sediment in concrete drainage Building 4009.	De-Select
2	108	Drainage	Building 4009	Accumulated sediment in concrete drainage Building 4009.	De-Select
2	109	Subsurface	Building 4009	Potential radiological contamination below concrete drainage ditch.	Primary, Secondary
2	110	Drainage	Building 4009	Accumulated sediment in concrete drainage Building 4009.	De-Select

Table 1
Summary of Soil Sample Locations and Chemical Analyses in Subarea 8N

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Group	SampleID	SampleType	Location Description	Technical Justification	Analytes
2	111	Surface	Drainage west of the Building 4056 Landfill	Potential leaching of radioactive contaminants 56 Landfill into drainage. Aerial Photo Feature "Fill Area".	Primary, Secondary
2	111	Subsurface	Drainage west of the Building 4056 Landfill	Potential leaching of radioactive contaminants 56 Landfill into drainage. Aerial Photo Feature "Fill Area".	Primary, Secondary
2	112	Surface	Drainage west of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	Primary, Secondary
2	112	Subsurface	Drainage west of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	Primary, Secondary
2	113	Surface	Drainage west of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	De-Select
2	113	Subsurface	Drainage west of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	De-Select
2	114	Surface	Drainage west of the Building 4056 Landfill	Geophysical anomaly "Magnetometer". Potential leaching from 56 Landfill into drainage.	De-Select
2	114	Subsurface	Drainage west of the Building 4056 Landfill	Geophysical anomaly "Magnetometer". Potential leaching from 56 Landfill into drainage.	De-Select
2	115	Surface	Drainage west of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	Primary, Secondary
2	115	Subsurface	Drainage west of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	Primary, Secondary
2	116	Surface	Drainage west of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	Primary, Secondary
2	116	Subsurface	Drainage west of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	Primary, Secondary
2	117	Surface	Drainage north of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	Primary, Secondary
2	117	Subsurface	Drainage north of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	Primary, Secondary
2	118	Surface	Drainage north of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	Primary, Secondary
3	118	Subsurface	Drainage north of the Building 4056 Landfill	Geophysical anomaly "Magnetometer and Conductivity". Potential leaching from 56 Landfill into drainage.	Primary, Secondary
3	119	Surface	North of the Building 4056 Landfill	Potential leaching of radioactive contaminants from Building 4056 Landfill into drainage.	Primary, Secondary
3	119	Subsurface	North of the Building 4056 Landfill	Potential leaching of radioactive contaminants from Building 4056 Landfill into drainage.	Primary, Secondary
3	120	Surface	East of the Building 4056 Landfill	Potential leaching of radioactive contaminants from Building 4056 Landfill into drainage.	Primary, Secondary
3	120	Subsurface	East of the Building 4056 Landfill	Potential leaching of radioactive contaminants from Building 4056 Landfill into drainage.	Primary, Secondary
3	121	Surface	West side Former Sodium Disposal Facility, southwest of Outfall 5	Suspect Potential Gamma Radiation Anomaly	De-Select
3	121	Subsurface	West side Former Sodium Disposal Facility, southwest of Outfall 5	Suspect Potential Gamma Radiation Anomaly	De-Select
3	122	Surface	West side of the Former Sodium Disposal Facility	Suspect Potential Gamma Radiation Anomaly	Primary, Secondary
3	122	Subsurface	West side of the Former Sodium Disposal Facility	Suspect Potential Gamma Radiation Anomaly	Primary, Secondary
3	123	Surface	West side of the Former Sodium Disposal Facility	Suspect Potential Gamma Radiation Anomaly	De-Select
3	123	Subsurface	West side of the Former Sodium Disposal Facility	Suspect Potential Gamma Radiation Anomaly	De-Select
3	124	Surface	Drainage west of the Building 4056 Landfill	Suspect Potential Gamma Radiation Anomaly	De-Select
3	124	Subsurface	Drainage west of the Building 4056 Landfill	Suspect Potential Gamma Radiation Anomaly	De-Select
3	125	Surface	Drainage west of the Building 4056 Landfill	Suspect Potential Gamma Radiation Anomaly	De-Select
3	125	Subsurface	Drainage west of the Building 4056 Landfill	Suspect Potential Gamma Radiation Anomaly	De-Select
3	126	Surface	Drainage north of the Building 4056 Landfill	Suspect Potential Gamma Radiation Anomaly	Primary, Secondary
3	126	Subsurface	Drainage north of the Building 4056 Landfill	Suspect Potential Gamma Radiation Anomaly	Primary, Secondary
3	127	Surface	North of Building 4100	Surface water run-off into Outfall 7 and elevated gamma reading.	Primary, TPH
3	127	Subsurface	North of Building 4100	Surface water run-off into Outfall 7 and elevated gamma reading.	Primary, TPH
3	128	Surface	West of Building 4100	Surface water run-off into Outfall 7.	Primary, TPH
2	128	Subsurface	West of Building 4100	Surface water run-off into Outfall 7.	Primary, TPH
2	129	Surface	West of Building 4100	Surface water run-off into Outfall 7.	Primary, TPH
2	129	Subsurface	West of Building 4100	Surface water run-off into Outfall 7.	Primary, TPH
2	130	Drainage	ESADA Area drainage ditch northeast of 4425	Requested during Stakeholder meeting on March 16, 2011 to target accumulated sediment in ditch.	Primary
2	131	Drainage	ESADA Area drainage ditch northwest of 4425	Requested during Stakeholder meeting on March 16, 2011 to target accumulated sediment in ditch.	Primary
2	132	Drainage	Drainage east of the Former Sodium Disposal Facility Upper Pond	Requested during Stakeholder meeting on March 16, 2011 to target accumulated sediment in ditch.	Primary, Secondary
3	133	Surface	East of the Former Sodium Disposal Facility Upper Pond	Stakeholder request - Possible storage area east of the Former Sodium Disposal Facility Upper Pond.	Primary, Secondary
3	133	Subsurface	East of the Former Sodium Disposal Facility Upper Pond	Stakeholder request - Possible storage area east of the Former Sodium Disposal Facility Upper Pond.	Primary, Secondary
3	134	Surface	East of the Former Sodium Disposal Facility Upper Pond	Stakeholder request - Possible storage area east of the Former Sodium Disposal Facility Upper Pond.	Primary, Secondary
3	134	Subsurface	East of the Former Sodium Disposal Facility Upper Pond	Stakeholder request - Possible storage area east of the Former Sodium Disposal Facility Upper Pond.	Primary, Secondary
3	135	Surface	Former Sodium Disposal Facility southwest of Outfall 5	Stakeholder request - Potential water overflow from Former Sodium Disposal Facility Ponds.	Primary, Secondary
3	135	Subsurface	Former Sodium Disposal Facility southwest of Outfall 5	Stakeholder request - Potential water overflow from Former Sodium Disposal Facility Ponds.	Primary, Secondary
3	136	Surface	Southwest of the Building 4056 Excavation	Stakeholder Request - Delineate the edge of the Building 4056 Landfill Chemical Likely Remediation Zone.	De-Select
3	136	Subsurface	Southwest of the Building 4056 Excavation	Stakeholder Request - Delineate the edge of the Building 4056 Landfill Chemical Likely Remediation Zone.	De-Select
3	137	Surface	East side of the Building 4056 Landfill	Stakeholder Request - Delineate the edge of the Building 4056 Landfill Chemical Likely Remediation Zone.	De-Select
3	137	Subsurface	East side of Building 4056 Landfill	Stakeholder Request - Delineate the edge of the Building 4056 Landfill Chemical Likely Remediation Zone.	De-Select

Notes:

All surface and subsurface soil samples will be collected following decision rules presented in the Co-Located Soil Master Field Sampling Plan
Analytical suites based on primary and secondary analytical lists in the Co-Located Soil Master Field Sampling Plan
For subsurface location 51 - the sample will be collected from soil just above bedrock.