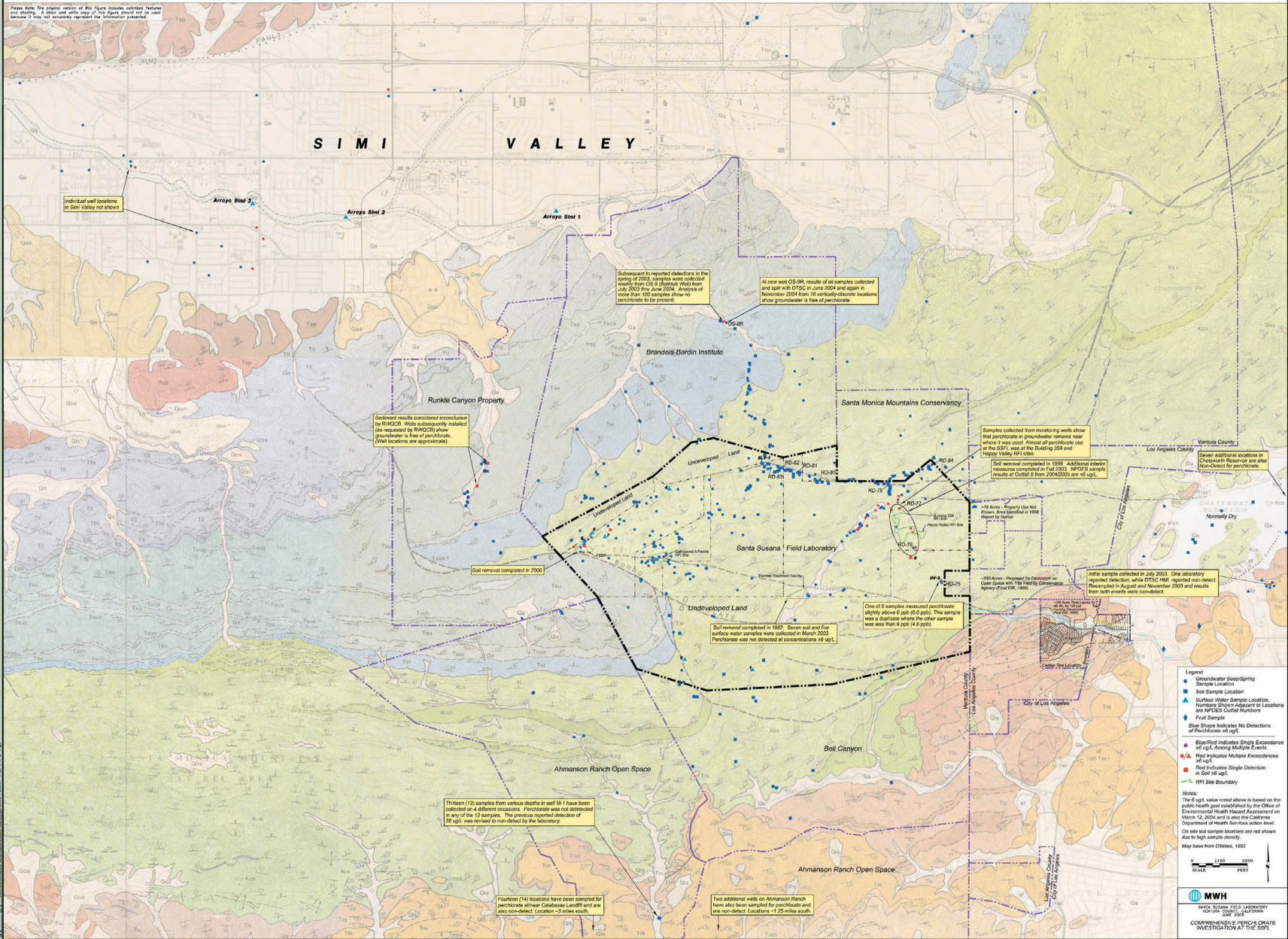


Where Have Perchlorate Samples Been Collected at and Around the SSFL?

Perchlorate Data Collected at and Around the Santa Susana Field Laboratory



PLEASE NOTE: The original version of this figure includes additional features and details. A black and white copy of this figure could not be used because it may not accurately represent the information presented.

Individual well locations in Simi Valley not shown.

Arroyo Blvd 3

Arroyo Blvd 2

Arroyo Blvd 1

Sediment results considered inconclusive by RWQIC. Sites subsequently visited (as requested by RWQIC) show perchlorate in trace of perchlorate. (Well locations are approximate)

Soil removal completed in 2000

Thirteen (13) samples from various depths in well M-1 have been collected at different occasions. Perchlorate was not detected in any of the 13 samples. The previous reported detection of 28 µg/l was in well not sited by the laboratory.

Fourteen (14) locations have been sampled for perchlorate in well Caledonia 1 and are also non-detect. Location ~3 miles south.

Subsequent to reported detections in the spring of 2003, samples were collected weekly from OS # (Borabul Well) from July 2003 to June 2004. Analysis of more than 100 samples show no perchlorate to be present.

All one well OS-8R, results of all samples collected and sent with DTSC in June 2004 and again in November 2004 from 58 vertically-distributed locations show groundwater is free of perchlorate.

Brandeis-Bardin Institute

OS-8R

Santa Susana Field Laboratory

Soil removal completed in 1993. Seven soil and five surface water samples were collected in March 2003. Perchlorate was not detected at concentrations 10 µg/l.

One of 8 samples measured perchlorate slightly above 10 µg/l (8 µg/l). The sample was a duplicate where the other sample less than 10 µg/l (4 µg/l).

Santa Monica Mountains Conservancy

RD-82 RD-81 RD-83 RD-84 RD-85 RD-76 RD-77 RD-78 RD-79 RD-80 RD-81 RD-82 RD-83 RD-84 RD-85 RD-86 RD-87 RD-88 RD-89 RD-90 RD-91 RD-92 RD-93 RD-94 RD-95 RD-96 RD-97 RD-98 RD-99 RD-100

~18 Acres - Former Use Hot Room Area (Established in 1988) Reported in 1998

~300 Acres - Proposed for Publication as Open Space with Title Held by Conservancy Agency of Ditchco, 1999

Samples collected from monitoring wells show that perchlorate in groundwater remains near where it was used. Almost all perchlorate use at the SSFL was at Building 559 and Happy Valley Cell sites.

Soil removal completed in 1999. Additional interim measures completed in Fall 2003. RWQIC sample results at Outfall # from 2004/2005 are <10 µg/l.

Initial sample collected in July 2003. OHA laboratory reported detection, while DTSC/ MHI reported non-detect. Resampled in August and November 2003 and results from both events were non-detect.

Seven additional locations in Southern California are also Non-Detect for perchlorate.

City of Los Angeles

City of Los Angeles

City of Los Angeles

City of Los Angeles

City of Los Angeles

City of Los Angeles

City of Los Angeles

City of Los Angeles

City of Los Angeles

City of Los Angeles