
SUBAREA 6 FSP ADDENDUM
SANTA SUSANA FIELD LABORATORY SITE
AREA IV RADIOLOGICAL STUDY

TO: Craig Cooper, EPA Region 9 RPM
FROM: T. Stewart Williford, HGL Associate Manager
THROUGH: L. Steven Vaughn, R.G., HGL Project Manager
Rene R. Rodriguez, P.E., HGL Deputy Project Manager
CC: Mary Aycock, EPA Region 9 RPM
Nicole Moutoux, EPA Region 9 RPM
Gregg Dempsey, Technical Advisor
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SUBJECT: FSP Addendum for Subarea 6
CONTRACT NO: EP-S7-05-05
TASK ORDER NO: 0038

INTRODUCTION

HydroGeoLogic, Inc. (HGL) has been tasked by the U.S. Environmental Protection Agency (USEPA) to conduct a radiological characterization study of Area IV and the Northern Buffer Zone at the Santa Susana Field Laboratory (SSFL) site in Ventura County, California. This work is being executed under USEPA Region 7 Architect and Engineering Services Contract EP-S7-05-05, Task Order 0038. The technical lead on the project is USEPA Region 9.

This document supports the field implementation of the overall soil sampling program and is an addendum to the master Field Sampling Plan (FSP) for Soil Sampling (HGL, 2010). A description of the overall project goals; data quality objectives; sampling strategy; laboratory analytical suites; sample depth interval selection; data quality control; and data evaluation are described in the FSP.

PURPOSE

This addendum documents the rationale used to determine the location and depth of soil samples to be collected during the first phase (Round 1) of soil sampling within Subarea 6. Sample locations are summarized in Table 1 (Attachment 1) and illustrated on the figures provided in Attachment 2. This addendum also documents the laboratory analyses that will be performed for each soil sample, derived from the default suite from Table 2.4 of the FSP for Soil Sampling (HGL, 2010) and adding site-specific analytes to that list by location as appropriate.

It should be noted that the specific sample locations presented herein were discussed during a technical review meeting held on June 15, 2011, with members of USEPA's SSFL Technical Stakeholder group consisting of representatives of U.S. Department of Energy (DOE), the State of California Department of Toxic Substances Control (DTSC), The Boeing Company,

USEPA, and the community. Recommendations and action items identified at the technical review meeting, including those on the topic of “likely chemical remediation” (LCR) zones have been incorporated into this FSP Addendum. In Subarea 6 there are 19 LCR zones. USEPA understands that most, if not all, surface soil and infrastructure (building structures, concrete slabs, above-ground pipelines and underground pipelines etc.) may be excavated and removed from areas identified as LCR zones. Therefore, USEPA placed a reduced number of surface/subsurface samples within the zones to define potential contamination at depth and placed surface/subsurface samples around the zone's perimeter to better define the potential extent of contamination associated with such zones. In accordance with our role under the Administrative Order on Consent for Remedial Action (DTSC, 2010) agreement between DTSC and DOE for the SSFL site, USEPA will conduct verification soil sampling post excavation to evaluate the attainment of site soil cleanup levels at all such remediation zones.

All soil samples will be analyzed for the default suite analytes presented in Table 2.4 of the FSP for Soil Sampling (HGL, 2010). In addition to the default analytes soil samples collected in the vicinity of the sodium reactor experiment (SRE) site will be tested for the site-specific analytes C-14, H-3, I-129, Ni-59, Ni-63 and Tc-99 in accordance with Table 2.4 of the FSP for Soil Sampling.

Table 1 provides the location for each soil sample that will be collected in Subarea 6 during Round 1 of the soil sampling investigation as well as the technical justification and rationale for the selection of each sample location. Also summarized in this table is the suite of radiological analyses that will be performed on every sample, as well as other field-pertinent information including sample identification number, type, and general proximity to radiological facilities.

Figure 1 provides a base map that shows the location of each subgroup within Subarea 6. The location and type (e.g. surface, subsurface, drainage) of each sample within each of the five Subarea 6 groupings are shown in Figures 2 through 6 in Attachment 2. Table 2 provides a summary of sample numbers by subarea group.

Table 2
Summary of Sample Numbers by Subarea Group

Group	Drainage	Surface	Subsurface	Total
1	26	77	167	270
2	4	20	21	45
3	6	18	18	42
4	10	32	38	80
5	4	15	51	70
Total	50	162	295	507

Attachment 3 provides key technical information that led to the selection of sample locations, sample interval selection, and the laboratory analysis that will be performed for each sample collected. The key information includes results of geophysical surveys, gamma surface radiation surveys, results of past soil radiological investigations, and the findings summarized in the Technical Memorandum Subarea HSA-6 Historical Site Assessment (HGL, 2011).

SCHEDULE

Round 1 soil sampling within Subarea 6 will commence in mid July 2011, and be completed by mid September 2011. USEPA will provide periodic updates to SSFL Stakeholders regarding the status of the soil sampling program as well as the laboratory analysis and data interpretation.

REFERENCES

Department of Toxic Substances Control, 2010. Administrative Order On Consent For Remedial Action, Santa Susana Field Laboratory, Simi Hills, Ventura County, California. December 6, 2010.

HydroGeoLogic, Inc., 2010. Field Sampling Plan for Soil Sampling, Area IV Radiological Study, Santa Susana Field Laboratory Ventura County, California. October 4, 2010.

HydroGeoLogic, Inc., 2011. Draft, Technical Memorandum, Subarea HSA-6, Historical Site Assessment, Santa Susana Field Laboratory Area IV Radiological Study, Ventura County, California. June, 2011.

LIST OF ATTACHMENTS

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ATTACHMENT 1

Table 1 Summary of Soil Sample Locations in Subarea 6

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 1	Subsurface	1	Engineering Test Building - Southwest corner of the footprint for former Building 4003.	Pit shown in Figure 2.1.1b of the Historical Site Assessment.	Default
Group 1	Subsurface	2	Engineering Test Building - South corner of the footprint for former Building 4003.	Location of pit within former Building 4003 (Figure 2.1.1b of the Historical Site Assessment).	Default
Group 1	Subsurface	3	Engineering Test Building - South corner of the footprint for former Building 4003.	Location of the Hot Cell within former Building 4003 (Figure 2.1.1b of the Historical Site Assessment).	Default
Group 1	Drainage	4	Engineering Test Building - Northwest of former Building 4003.	Asphalt ditch that may have collected surface water run-off from the vicinity of former Building 4003.	Default
Group 1	Drainage ¹	4	Engineering Test Building - Northwest of former Building 4003.	Asphalt ditch that may have collected surface water run-off from the vicinity of former Building 4003.	Default
Group 1	Drainage	5	Engineering Test Building - Southwest of former Building 4003.	Asphalt ditch that may have collected surface water run-off from the vicinity of former Building 4003.	Default
Group 1	Drainage ¹	5	Engineering Test Building - Southwest of former Building 4003.	Asphalt ditch that may have collected surface water run-off from the vicinity of former Building 4003.	Default
Group 1	Subsurface	6	Engineering Test Building - North of the footprint for former Building 4003.	Potential radiological contamination associated with releases from sanitary sewer line from Building 4003 towards the septic tank and leach field.	Default
Group 1	Subsurface	7	Engineering Test Building - North of the footprint for former Building 4003.	Potential radiological contamination associated with releases from sanitary sewer line from Building 4003 towards the septic tank and leach field.	Default
Group 1	Drainage	8	Engineering Test Building - Asphalt concrete lined ditch located northeast of the footprint for former Building 4003.	Potential contamination from surface run-off from the vicinity of former Building 4003.	Default
Group 1	Drainage ¹	8	Engineering Test Building - Asphalt concrete lined ditch located northeast of the footprint for former Building 4003.	Potential contamination from surface run-off from the vicinity of former Building 4003.	Default
Group 1	Drainage	9	Engineering Test Building - North of the footprint for former Building 4003.	Potential contamination from surface run-off from the vicinity of former Building 4003 and cleaning.	Default
Group 1	Drainage ¹	9	Engineering Test Building - North of the footprint for former Building 4003.	Potential contamination from surface run-off from the vicinity of former Building 4003 and cleaning.	Default
Group 1	Subsurface	10	Engineering Test Building - East of the footprint for former Building 4003.	Geophysical anomaly feature - GPR. Possible open storage.	Default
Group 1	Subsurface	11	Engineering Test Building - Southeast of the footprint for former Building 4003.	Geophysical anomaly feature - GPR. Possible open storage.	Default
Group 1	Drainage	12	Engineering Test Building - Asphalt concrete lined ditch southeast of the footprint of former Building 4003.	Potential contamination from surface water run-off from the vicinity of former Building 4003.	Default
Group 1	Drainage ¹	12	Engineering Test Building - Asphalt concrete lined ditch southeast of the footprint of former Building 4003.	Potential contamination from surface water run-off from the vicinity of former Building 4003.	Default
Group 3	Drainage	13	Engineering Test Building - Asphalt concrete lined ditch south of the footprint for former Building 4003.	Surface water run-off from E Street and the former Sodium Storage Building.	Default
Group 3	Drainage ¹	13	Engineering Test Building - Asphalt concrete lined ditch south of the footprint for former Building 4003.	Surface water run-off from E Street and the former Sodium Storage Building.	Default
Group 1	Subsurface	14	Engineering Test Building - Central portion of the footprint for former Building 4003.	Geophysical anomaly feature - Conductivity. Process knowledge - floor trenches.	Default
Group 1	Subsurface	15	Engineering Test Building - Southeast portion of the footprint for former Building 4003.	Geophysical anomaly feature - Conductivity. Process knowledge - floor trenches.	Default
Group 1	Subsurface	16	Engineering Test Building - South central portion of the footprint for former Building 4003.	Geophysical anomaly feature - Conductivity. Process knowledge - floor trenches.	Default
Group 1	Drainage	17	Engineering Test Building - North of footprint for former Building 4003 and south east of the SRE Tarp Area.	Potential contamination from the south side of the SRE and the north side of the Engineering Test Building (4003).	Default
Group 1	Drainage ¹	17	Engineering Test Building - North of footprint for former Building 4003 and south east of the SRE Tarp Area.	Potential contamination from the south side of the SRE and the north side of the Engineering Test Building (4003).	Default
Group 1	Subsurface	18	Engineering Test Building - Northern portion of the footprint of former Building 4003.	Process knowledge - floor trenches.	Default
Group 1	Subsurface	19	Engineering Test Building - West side of the footprint of former Building 4003.	Geophysical anomaly feature - Conductivity. Process knowledge - floor trenches.	Default
Group 1	Drainage	20	Engineering Test Building - Drainage west side of former Building 4003.	Potential radiological contamination from surface water run-off from the vicinity around former Building 4003.	Default
Group 1	Drainage ¹	20	Engineering Test Building - Drainage west side of former Building 4003.	Potential radiological contamination from surface water run-off from the vicinity around former Building 4003.	Default
Group 1	Subsurface	21	Engineering Test Building - Northeast of former Building 4003.	Aerial photo feature - open storage.	Default
Group 1	Subsurface	22	Engineering Test Building - Northeast of former Building 4003.	Aerial photo feature - open storage.	Default
Group 1	Subsurface	23	Engineering Test Building - Northeast of former Building 4003.	Aerial photo feature - open storage.	Default
Group 1	Subsurface	24	Engineering Test Building - Northern portion of the footprint of former Building 4003.	Process knowledge - floor trenches.	Default
Group 1	Subsurface	25	Engineering Test Building - Central portion of the footprint of former Building 4003.	Process knowledge - floor trenches.	Default
Group 1	Surface	26	Engineering Test Building - South central corner of the footprint for former Building 4003.	Geophysical anomaly feature - Conductivity. Process knowledge - floor trenches. Slightly elevated gamma scanning survey readings.	Default
Group 1	Subsurface	26	Engineering Test Building - South central corner of the footprint for former Building 4003.	Geophysical anomaly feature - Conductivity. Process knowledge - floor trenches. Slightly elevated gamma scanning survey readings.	Default
Group 1	Subsurface	27	Engineering Test Building - South central corner of the footprint for former Building 4003.	Geophysical anomaly feature - Conductivity. Process knowledge - floor trenches. Slightly elevated gamma scanning survey readings.	Default
Group 1	Drainage	28	Engineering Test Building - In ditch on the southeast side of former Building 4003.	Surface water run-off from Engineering Building. Aerial photo feature - open storage.	Default
Group 1	Drainage ¹	28	Engineering Test Building - In ditch on the southeast side of former Building 4003.	Surface water run-off from Engineering Building. Aerial photo feature - open storage.	Default
Group 1	Surface	29	Water line leading from former Building 4003 to the KEWB.	Potential radiological contamination along above ground pipeline. Stake Holder Request.	Default
Group 1	Subsurface	29	Water line leading from former Building 4003 to the KEWB.	Potential radiological contamination along above ground pipeline. Stake Holder Request.	Default
Group 1	Surface	30	SRE Pond Area.	North side of pond area. Boundary of Chemical Likely Remediation Zone.	Default + SS
Group 1	Subsurface	30	SRE Pond Area.	North side of pond area. Boundary of Chemical Likely Remediation Zone.	Default + SS
Group 1	Subsurface	31	SRE Septic System Area.	Potential radiological contamination related to the former septic tank.	Default + SS

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 1	Subsurface ²	32	SRE Septic System Area.	Location of septic tank leach field. Inside Chemical Likely Remediation Zone.	Default + SS
Group 1	Subsurface	33	SRE Septic System Area - Southeast of leach field.	Potential contamination from the leach field. Boundary of the Chemical Likely Remediation Zone.	Default + SS
Group 1	Surface	34	SRE Pond Area.	Potential radiological contamination from surface water run-off from the vicinity of the SRE, former Building 4003, and the leach field.	Default + SS
Group 1	Subsurface	34	SRE Pond Area.	Potential radiological contamination from surface water run-off from the vicinity of the SRE, former Building 4003, and the leach field.	Default + SS
Group 1	Surface	35	SRE Pond Area.	Potential radiological contamination from surface water run-off from the vicinity of the SRE, former Building 4003, and the leach field.	Default + SS
Group 1	Subsurface	35	SRE Pond Area.	Potential radiological contamination from surface water run-off from the vicinity of the SRE, former Building 4003, and the leach field.	Default + SS
Group 1	Surface	36	SRE Pond Area.	Potential radiological contamination from surface water run-off from the vicinity of the SRE, former Building 4003, and the leach field.	Default + SS
Group 1	Subsurface	36	SRE Pond Area.	Potential radiological contamination from surface water run-off from the vicinity of the SRE, former Building 4003, and the leach field.	Default + SS
Group 1	Surface	37	SRE Pond Area - Drainage leading north.	Potential radiological contamination associated with surface water from the SRE Pond.	Default + SS
Group 1	Subsurface	37	SRE Pond Area - Drainage leading north.	Potential radiological contamination associated with surface water from the SRE Pond.	Default + SS
Group 1	Subsurface	38	SRE Septic System Area.	Location of septic tank leach field. Boundary of Chemical Likely Remediation Zone.	Default + SS
Group 1	Subsurface ²	39	SRE Septic System Area.	Location of septic tank leach field. Inside Chemical Likely Remediation Zone.	Default + SS
Group 1	Surface	40	SRE Septic System Area.	Location of septic tank leach field. Boundary of Chemical Likely Remediation Zone.	Default + SS
Group 1	Subsurface	40	SRE Septic System Area.	Location of septic tank leach field. Boundary of Chemical Likely Remediation Zone.	Default + SS
Group 1	Subsurface	41	Hot Oil Sodium Cleaning Facility.	Potential radiological contamination resulting from cleaning activities.	Default
Group 1	Subsurface	42	Hot Oil Sodium Cleaning Facility.	Potential radiological contamination resulting from cleaning activities.	Default
Group 1	Surface	43	Hot Oil Sodium Cleaning Facility.	Potential radiological contamination resulting from cleaning activities.	Default
Group 1	Subsurface	43	Hot Oil Sodium Cleaning Facility.	Potential radiological contamination resulting from cleaning activities.	Default
Group 1	Surface	44	Hot Oil Sodium Cleaning Facility.	Potential radiological contamination resulting from cleaning activities.	Default
Group 1	Subsurface	44	Hot Oil Sodium Cleaning Facility.	Potential radiological contamination resulting from cleaning activities.	Default
Group 1	Surface	45	SRE Pond Area - Lowest portion of the area.	Potential radiological contamination from surface water run-off from the vicinity of the SRE Complex, former Building 4003, and leach field.	Default + SS
Group 1	Subsurface	45	SRE Pond Area - Lowest portion of the area.	Potential radiological contamination from surface water run-off from the vicinity of the SRE Complex, former Building 4003, and leach field.	Default + SS
Group 1	Surface	46	Transfer Pipeline - SRE Pond Area near transfer pump.	Potential radiological contamination from leaks at the pump and along the above ground pipeline.	Default + SS
Group 1	Subsurface	46	Transfer Pipeline - SRE Pond Area near transfer pump.	Potential radiological contamination from leaks at the pump and along the above ground pipeline.	Default + SS
Group 1	Surface	47	Transfer Pipeline - East of the SRE Pond Dam.	Potential radiological contamination from leaks along the above ground pipeline.	Default + SS
Group 1	Subsurface	47	Transfer Pipeline - East of the SRE Pond Dam.	Potential radiological contamination from leaks along the above ground pipeline.	Default + SS
Group 1	Surface	48	Transfer Pipeline - East of the SRE Pond Dam.	Potential radiological contamination from leaks along the above ground pipeline.	Default + SS
Group 1	Subsurface	48	Transfer Pipeline - East of the SRE Pond Dam.	Potential radiological contamination from leaks along the above ground pipeline.	Default + SS
Group 2	Surface	49	Steam Sodium Cleaning Pad - Down gradient of pad.	Potential radiological contamination from cleaning activities.	Default
Group 2	Subsurface	49	Steam Sodium Cleaning Pad - Down gradient of pad.	Potential radiological contamination from cleaning activities.	Default
Group 1	Surface	50	Debris Pile - East of SRE Pond Dam.	Potential radiological contamination from dumping activities.	Default
Group 1	Subsurface	50	Debris Pile - East of SRE Pond Dam.	Potential radiological contamination from dumping activities.	Default
Group 1	Surface	51	Debris Pile - East of SRE Pond Dam.	Potential radiological contamination from dumping activities.	Default
Group 1	Subsurface	51	Debris Pile - East of SRE Pond Dam.	Potential radiological contamination from dumping activities.	Default
Group 1	Surface	52	Debris Pile - East of SRE Pond Dam.	Potential radiological contamination from dumping activities.	Default
Group 1	Subsurface	52	Debris Pile - East of SRE Pond Dam.	Potential radiological contamination from dumping activities.	Default
Group 1	Surface	53	Debris Pile - East of SRE Pond Dam.	Potential radiological contamination from dumping activities.	Default
Group 1	Subsurface	53	Debris Pile - East of SRE Pond Dam.	Potential radiological contamination from dumping activities.	Default
Group 1	Surface	54	Debris Pile - East of SRE Pond Dam.	Potential radiological contamination from dumping activities.	Default
Group 1	Subsurface	54	Debris Pile - East of SRE Pond Dam.	Potential radiological contamination from dumping activities.	Default
Group 1	Surface	55	Debris Pile - East of SRE Pond Dam	Potential radiological contamination from dumping activities.	Default
Group 1	Subsurface	55	Debris Pile - East of SRE Pond Dam	Potential radiological contamination from dumping activities.	Default
Group 1	Surface	56	Steam Sodium Cleaning Pad - Downgradient of pad.	Potential radiological contamination from cleaning activities.	Default
Group 1	Subsurface	56	Steam Sodium Cleaning Pad - Downgradient of pad.	Potential radiological contamination from cleaning activities.	Default
Group 1	Surface	57	Steam Sodium Cleaning Pad.	Potential radiological contamination from cleaning activities.	Default
Group 1	Subsurface	57	Steam Sodium Cleaning Pad.	Potential radiological contamination from cleaning activities.	Default

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 1	Surface	58	Steam Sodium Cleaning Pad.	Potential radiological contamination from cleaning activities.	Default
Group 1	Subsurface	58	Steam Sodium Cleaning Pad.	Potential radiological contamination from cleaning activities.	Default
Group 1	Surface	59	Steam Sodium Cleaning Pad - Downgradient of pad.	Potential radiological contamination from cleaning activities.	Default
Group 1	Subsurface	59	Steam Sodium Cleaning Pad - Downgradient of pad.	Potential radiological contamination from cleaning activities.	Default
Group 1	Surface	60	SRE Pond - Drainage leading to the north.	Potential radiological contamination associated with water from the SRE Pond. Boundary of Chemical Likely Remediation Zone.	Default
Group 1	Subsurface	60	SRE Pond - Drainage leading to the north.	Potential radiological contamination associated with water from the SRE Pond. Boundary of Chemical Likely Remediation Zone.	Default
Group 1	Surface	61	SRE Pond - Drainage leading to the north.	Potential radiological contamination associated with water from the SRE Pond. Within Chemical Likely Zone.	Default
Group 1	Subsurface	61	SRE Pond - Drainage leading to the north.	Potential radiological contamination associated with water from the SRE Pond. Within Chemical Likely Zone.	Default
Group 1	Surface	62	SRE Pond - Drainage leading to the north.	Potential radiological contamination associated with water from the SRE Pond. Within Chemical Likely Zone.	Default
Group 1	Subsurface	62	SRE Pond - Drainage leading to the north.	Potential radiological contamination associated with water from the SRE Pond. Within Chemical Likely Zone.	Default
Group 1	Surface	63	SRE Pond - Drainage leading to the north.	Potential radiological contamination associated with water from the SRE Pond. Boundary of Chemical Likely Remediation Zone.	Default
Group 1	Subsurface	63	SRE Pond - Drainage leading to the north.	Potential radiological contamination associated with water from the SRE Pond. Boundary of Chemical Likely Remediation Zone.	Default
Group 1	Surface	64	SRE Pond - Drainage leading to the north.	Potential radiological contamination associated with water from the SRE Pond.	Default
Group 1	Subsurface	64	SRE Pond - Drainage leading to the north.	Potential radiological contamination associated with water from the SRE Pond.	Default
Group 1	Subsurface	65	SRE Septic System Area.	Potential radiological contamination associated with Sewer Transfer Station.	Default + SS
Group 1	Surface	66	SRE Pond Area - Northern portion of the Dam.	Potential radiological contamination from surface water run-off from the SRE Complex and former Building 4003.	Default + SS
Group 1	Subsurface	66	SRE Pond Area - Northern portion of the Dam.	Potential radiological contamination from surface water run-off from the SRE Complex and former Building 4003.	Default + SS
Group 1	Surface	67	SRE Pond Area - Southern portion of the Dam.	Potential radiological contamination from surface water run-off from the SRE Complex and former Building 4003.	Default + SS
Group 1	Subsurface	67	SRE Pond Area - Southern portion of the Dam.	Potential radiological contamination from surface water run-off from the SRE Complex and former Building 4003.	Default + SS
Group 1	Subsurface ³	68	SRE Complex - Central portion	Location of the former Hot Cell as shown in the Floor Plan presented as Figure 2.1.3b of the Subarea 6 Historical Site Assessment.	Default + SS
Group 1	Subsurface	69	SRE Complex - Central portion	Geophysical anomaly feature - GPR and Conductivity.	Default + SS
Group 1	Subsurface ³	70	SRE Complex - Central portion	Location of the former Dry Fuel Storage Cell as shown in the Floor Plan presented as Figure 2.1.3b of the Subarea 6 Historical Site Assessment.	Default + SS
Group 1	Subsurface ³	71	SRE Complex - Central portion	Location of the former Reactor Vault as shown in the Floor Plan presented as Figure 2.1.3b of the Subarea 6 Historical Site Assessment.	Default + SS
Group 1	Subsurface	72	SRE Complex - Southeast portion	Geophysical anomaly feature - GPR.	Default + SS
Group 1	Subsurface	73	SRE Complex - Northeast portion within the footprint of former Building 4753.	Location of the former Primary Sodium Storage Tank Vault. Aerial Photo feature - Excavation. Geophysical anomaly feature - GPR and Magnetometer.	Default + SS
Group 1	Subsurface	74	SRE Complex - Northeast portion	Geophysical anomaly feature - GPR and Magnetometer.	Default + SS
Group 1	Subsurface	75	SRE Complex - North portion	Geophysical anomaly feature - GPR and Magnetometer.	Default + SS
Group 1	Subsurface	76	SRE Complex - Southwest portion	Geophysical anomaly feature - Conductivity.	Default + SS
Group 1	Subsurface	77	SRE Complex - West portion	Geophysical anomaly feature - GPR.	Default + SS
Group 1	Subsurface	78	SRE Complex - West portion, within the footprint of former Building 4041.	Geophysical anomaly feature - GPR. Within the footprint of former Building 4041.	Default + SS
Group 1	Subsurface	79	SRE Complex - West portion, within the footprint of former Building 4041.	Geophysical anomaly feature - GPR.	Default + SS
Group 1	Subsurface	80	SRE Complex - Southwest portion, within the footprint of former Building 4041.	Geophysical anomaly feature - GPR.	Default + SS
Group 1	Subsurface	81	SRE Complex - Northwest portion	Historical Radiological Liquid Spill. Geophysical anomaly feature - GPR.	Default + SS
Group 1	Subsurface	82	SRE Complex - Northwest portion	Historical Radiological Liquid Spill. Geophysical anomaly feature - Magnetometer.	Default + SS
Group 1	Subsurface	83	SRE Complex - Northeast portion, within the footprint of former Building 4413.	Aerial Photo feature - Excavation. Within the footprint of former Building 4413.	Default + SS
Group 1	Subsurface	84	SRE Complex - Northeast portion, within the footprint of former Building 4153.	Aerial Photo feature - Excavation. Within the footprint of former Building 4153.	Default + SS
Group 1	Subsurface	85	SRE Complex - Northeast portion. Southeast of the Sodium Cleaning Pad (Site 4733).	Downgradient of the Sodium Cleaning Pad. Possible open storage.	Default + SS
Group 1	Subsurface	86	SRE Complex - Northeast portion. South of the Sodium Cleaning Pad (Site 4733).	Downgradient of the Sodium Cleaning Pad. Possible open storage.	Default + SS
Group 1	Subsurface	87	SRE Complex - Northeast portion. South of the Sodium Cleaning Pad (Site 4733).	Downgradient of the Sodium Cleaning Pad. Possible open storage. Geophysical anomaly feature - Magnetometer.	Default + SS
Group 1	Subsurface ³	88	SRE Complex - Central portion. South of the former Reactor Vault.	Potential radiological contamination associated with the former Reactor Vault.	Default + SS
Group 1	Subsurface	89	SRE Complex - Central portion, Northwest corner of the footprint for former Building 4143.	Location of the former Fuel Wash Cells.	Default + SS
Group 1	Subsurface ³	90	SRE Complex - West portion, within the footprint of former Building 4041.	Potential radiological contamination associated with activities conducted in former Building 4041.	Default + SS
Group 1	Subsurface	91	SRE Complex - West portion, within the footprint of former Building 4041.	Potential radiological contamination associated with activities conducted in former Building 4041.	Default + SS
Group 1	Subsurface	92	SRE Complex - West portion, within the footprint of former Building 4041.	Potential radiological contamination associated with activities conducted in former Building 4041.	Default + SS
Group 1	Subsurface	93	SRE Complex - West portion, within the footprint of former Building 4041.	Potential radiological contamination associated with activities conducted in former Building 4041.	Default + SS

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 1	Subsurface	94	SRE Complex - North Central portion.	Location of the Tetralin Heat Exchanger, former Building 4743.	Default + SS
Group 1	Subsurface	95	SRE Complex - North Central portion.	Location of the Tetralin Heat Exchanger, former Building 4743.	Default + SS
Group 1	Subsurface	96	SRE Complex - Northeast portion. Within the footprint of the former Sodium Cleaning Pad (Site 4733).	Potential radiological contamination associated with cleaning activities conducted at the former Sodium Cleaning Pad.	Default + SS
Group 1	Subsurface	97	SRE Complex - Northeast portion. Within the footprint of the former Sodium Cleaning Pad (Site 4733).	Potential radiological contamination associated with cleaning activities conducted at the former Sodium Cleaning Pad.	Default + SS
Group 1	Surface	98	SRE Complex - Northwest portion. Site 4689.	Open storage Area. Close proximity to PGRAY 2 and 3.	Default + SS
Group 1	Subsurface	98	SRE Complex - Northwest portion. Site 4689.	Open storage Area. Close proximity to PGRAY 2 and 3.	Default + SS
Group 1	Subsurface	99	SRE Complex - Northwest portion. Site 4689.	Downgradient from the Open Storage Area. Close proximity to PGRAY 2 and 3.	Default + SS
Group 1	Subsurface	100	SRE Complex - Northwest portion. Site 4689.	Downgradient from the Open Storage Area. Close proximity to PGRAY 2 and 3.	Default + SS
Group 1	Subsurface	101	SRE Complex - Northwest portion. Site 4689.	Within the footprint of the former Open Storage Area 4689. Close proximity to PGRAY 2 and 3.	Default + SS
Group 1	Drainage	102	SRE Complex - North Central portion.	Potential radiological contamination from the storage of the Tetralin Heat exchangers.	Default + SS
Group 1	Drainage ¹	102	SRE Complex - North Central portion.	Potential radiological contamination from the storage of the Tetralin Heat exchangers.	Default + SS
Group 1	Subsurface	103	SRE Complex - North Central portion.	Downgradient of the Tetralin Heat Exchanger, former Building 4743.	Default + SS
Group 1	Subsurface	104	SRE Complex - North Central portion.	Downgradient of the Tetralin Heat Exchanger, former Building 4743.	Default + SS
Group 1	Subsurface	105	SRE Complex - North Central portion.	Downgradient of the Tetralin Heat Exchanger, former Building 4743.	Default + SS
Group 1	Subsurface	106	SRE Complex - Northeast portion. Within the footprint of the former Sodium Cleaning Pad (Site 4733).	Potential radiological contamination associated with cleaning activities conducted at the former Sodium Cleaning Pad.	Default + SS
Group 1	Subsurface	107	SRE Complex - Northwest portion. Site 4689.	Downgradient from the Open Storage Area. Close proximity to PGRAY 1 and 2.	Default + SS
Group 1	Surface	108	SRE Complex - West portion. Site 4687.	Potential radiological contamination associated with loading and unloading of radioactive waste in the vicinity of Building 4041.	Default + SS
Group 1	Subsurface	108	SRE Complex - West portion. Site 4687.	Potential radiological contamination associated with loading and unloading of radioactive waste in the vicinity of Building 4041.	Default + SS
Group 1	Drainage	109	SRE Complex - West portion.	Potential radiological contamination from surface water run-off from the vicinity of former Building 4041.	Default + SS
Group 1	Drainage ¹	109	SRE Complex - West portion.	Potential radiological contamination from surface water run-off from the vicinity of former Building 4041.	Default + SS
Group 1	Drainage	110	SRE Complex - Southwest portion.	Potential radiological contamination from surface water run-off from the vicinity of former Building 4041.	Default + SS
Group 1	Drainage ¹	110	SRE Complex - Southwest portion.	Potential radiological contamination from surface water run-off from the vicinity of former Building 4041.	Default + SS
Group 1	Drainage	111	SRE Complex - Southwest portion.	Potential radiological contamination from surface water run-off from the southwestern portion of the SRE Complex.	Default + SS
Group 1	Drainage ¹	111	SRE Complex - Southwest portion.	Potential radiological contamination from surface water run-off from the southwestern portion of the SRE Complex.	Default + SS
Group 1	Subsurface	112	SRE Complex - Southern portion.	Process knowledge - Possible radiological contamination associated with sanitary sewer line.	Default + SS
Group 1	Drainage	113	SRE Complex - Southern portion.	Potential radiological contamination from surface water run-off from the southern portion of the SRE Complex.	Default + SS
Group 1	Drainage ¹	113	SRE Complex - Southern portion.	Potential radiological contamination from surface water run-off from the southern portion of the SRE Complex.	Default + SS
Group 1	Subsurface	114	SRE Complex - Southern portion.	Process knowledge - Possible radiological contamination associated with storm drain line.	Default + SS
Group 1	Subsurface	115	SRE Complex - Southern portion.	Process knowledge - Possible radiological contamination associated with sanitary sewer line.	Default + SS
Group 1	Subsurface	116	SRE Complex - Southern portion.	Process knowledge - Possible radiological contamination associated with sanitary sewer line.	Default + SS
Group 1	Subsurface	117	SRE Complex - Southern portion.	Process knowledge - Possible radiological contamination associated with sanitary sewer line.	Default + SS
Group 1	Subsurface ¹	118	SRE Complex - Central portion.	Location of the former Liquid Waste Sump Tanks. Geophysical anomaly feature - Conductivity.	Default + SS
Group 1	Subsurface	119	SRE Complex - South central portion.	Geophysical anomaly feature - Conductivity.	Default + SS
Group 1	Subsurface	120	SRE Complex - South central portion.	Geophysical anomaly feature - Conductivity.	Default + SS
Group 1	Subsurface	121	SRE Complex - West edge.	Aerial photo feature - open storage.	Default + SS
Group 1	Subsurface	122	SRE Complex - West edge.	Aerial photo feature - open storage.	Default + SS
Group 1	Subsurface ¹	123	SRE Complex - Central portion, north of the former Reactor Vault.	Potential radiological contamination associated with the former Reactor Vault.	Default + SS
Group 1	Subsurface ¹	124	SRE Complex - Central portion, east of the former Reactor Vault.	Potential radiological contamination associated with the former Reactor Vault.	Default + SS
Group 1	Subsurface ¹	125	SRE Complex - Central portion, west of the former Reactor Vault.	Potential radiological contamination associated with the former Reactor Vault.	Default + SS
Group 1	Surface	126	SRE Complex - West portion.	Historical Data show elevated Co-60 and Cs-137.	Default + SS
Group 1	Subsurface	126	SRE Complex - West portion.	Historical Data show elevated Co-60 and Cs-137.	Default + SS
Group 1	Surface	127	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Gaseous Storage Tanks.	Default + SS
Group 1	Subsurface	127	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Gaseous Storage Tanks.	Default + SS
Group 1	Surface	128	Liquid and Gas Radioactive Storage Tanks Area.	Geophysical anomaly feature - Conductivity. Approximate location of the Gaseous Storage Tanks.	Default + SS
Group 1	Subsurface	128	Liquid and Gas Radioactive Storage Tanks Area.	Geophysical anomaly feature - Conductivity. Approximate location of the Gaseous Storage Tanks.	Default + SS
Group 1	Surface	129	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Liquid Radioactive Storage Tanks.	Default + SS
Group 1	Subsurface	129	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Liquid Radioactive Storage Tanks.	Default + SS
Group 1	Surface	130	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Liquid Radioactive Storage Tanks.	Default + SS

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 1	Subsurface	130	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Liquid Radioactive Storage Tanks.	Default + SS
Group 1	Surface	131	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Gaseous Storage Tanks.	Default + SS
Group 1	Subsurface	131	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Gaseous Storage Tanks.	Default + SS
Group 1	Surface	132	Liquid and Gas Radioactive Storage Tanks Area.	Geophysical anomaly feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Default + SS
Group 1	Subsurface	132	Liquid and Gas Radioactive Storage Tanks Area.	Geophysical anomaly feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Default + SS
Group 1	Surface	133	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Hold-up Vaults.	Default + SS
Group 1	Subsurface	133	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Hold-up Vaults.	Default + SS
Group 1	Surface	134	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Hold-up Vaults.	Default + SS
Group 1	Subsurface	134	Liquid and Gas Radioactive Storage Tanks Area.	Approximate location of the Hold-up Vaults.	Default + SS
Group 1	Subsurface	135	Solid Radioactive Waste Storage - East side of concrete pad.	Potential contamination originating from storage activities.	Default + SS
Group 1	Subsurface	136	Solid Radioactive Waste Storage - West side of concrete pad.	Potential contamination originating from storage activities.	Default + SS
Group 1	Subsurface	137	Solid Radioactive Waste Storage - North side of concrete pad.	Potential contamination originating from storage activities.	Default + SS
Group 1	Subsurface	138	Solid Radioactive Waste Storage - South side of concrete pad.	Potential contamination originating from storage activities.	Default + SS
Group 1	Subsurface	139	Solid Radioactive Waste Storage - Southwest of concrete pad.	Potential contamination originating from storage activities may have migrated downgradient.	Default + SS
Group 1	Subsurface	140	Debris field north of the Solid Radioactive Waste Storage.	Potential radiological contamination within debris found during site reconnaissance.	Default + SS
Group 1	Subsurface	141	Debris field north of the Solid Radioactive Waste Storage.	Potential radiological contamination within debris found during site reconnaissance.	Default + SS
Group 1	Surface	142	Liquid and Gas Radioactive Storage Tanks Area.	Geophysical anomaly feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Default + SS
Group 1	Subsurface	142	Liquid and Gas Radioactive Storage Tanks Area.	Geophysical anomaly feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Default + SS
Group 1	Surface	143	Liquid and Gas Radioactive Storage Tanks Area.	Geophysical anomaly feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Default + SS
Group 1	Subsurface	143	Liquid and Gas Radioactive Storage Tanks Area.	Geophysical anomaly feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Default + SS
Group 1	Surface	144	Liquid and Gas Radioactive Storage Tanks Area.	Downgradient of PGRAY 8.	Default + SS
Group 1	Subsurface	144	Liquid and Gas Radioactive Storage Tanks Area.	Downgradient of PGRAY 8.	Default + SS
Group 1	Surface	145	Liquid and Gas Radioactive Storage Tanks Area.	Between PGRAY 5 and 8. Geophysical anomaly feature - Conductivity.	Default + SS
Group 1	Subsurface	145	Liquid and Gas Radioactive Storage Tanks Area.	Between PGRAY 5 and 8. Geophysical anomaly feature - Conductivity.	Default + SS
Group 1	Surface	146	Liquid and Gas Radioactive Storage Tanks Area.	Downgradient of PGRAY 8.	Default + SS
Group 1	Subsurface	146	Liquid and Gas Radioactive Storage Tanks Area.	Downgradient of PGRAY 8.	Default + SS
Group 1	Surface	147	Liquid and Gas Radioactive Storage Tanks Area.	Former location of drainage ditch that diverted surface water to the east and down slope.	Default + SS
Group 1	Subsurface	147	Liquid and Gas Radioactive Storage Tanks Area.	Former location of drainage ditch that diverted surface water to the east and down slope.	Default + SS
Group 1	Surface	148	Liquid and Gas Radioactive Storage Tanks Area.	Former location of drainage ditch that diverted surface water to the east and down slope.	Default + SS
Group 1	Subsurface	148	Liquid and Gas Radioactive Storage Tanks Area.	Former location of drainage ditch that diverted surface water to the east and down slope.	Default + SS
Group 1	Surface	149	Liquid and Gas Radioactive Storage Tanks Area.	Former location of drainage ditch that diverted surface water to the east and down slope.	Default + SS
Group 1	Subsurface	149	Liquid and Gas Radioactive Storage Tanks Area.	Former location of drainage ditch that diverted surface water to the east and down slope.	Default + SS
Group 1	Surface	150	SRE Complex - Northeast corner.	Upgradient of PGRAY 9	Default + SS
Group 1	Subsurface	150	SRE Complex - Northeast corner.	Upgradient of PGRAY 10	Default + SS
Group 2	Drainage	151	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Drainage ¹	151	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	152	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	152	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	153	East of the Contaminated Laundry Building.	Geophysical anomaly feature - Conductivity and Magnetometer.	Default
Group 2	Subsurface	153	East of the Contaminated Laundry Building.	Geophysical anomaly feature - Conductivity and Magnetometer.	Default
Group 2	Surface	154	East of the Contaminated Laundry Building.	Geophysical anomaly feature - Magnetometer.	Default
Group 2	Subsurface	154	East of the Contaminated Laundry Building.	Geophysical anomaly feature - Magnetometer.	Default
Group 2	Surface	155	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	155	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 3	Surface	156	Fuel Storage Facility.	Geophysical anomaly feature - Conductivity and Magnetometer. Slightly elevated gamma scanning survey readings.	Default
Group 3	Subsurface	156	Fuel Storage Facility.	Geophysical anomaly feature - Conductivity and Magnetometer. Slightly elevated gamma scanning survey readings.	Default
Group 3	Surface	157	Fuel Storage Facility.	Geophysical anomaly feature - Conductivity, Magnetometer and GPR. Slightly elevated gamma scanning survey readings.	Default
Group 3	Subsurface	157	Fuel Storage Facility.	Geophysical anomaly feature - Conductivity, Magnetometer and GPR. Slightly elevated gamma scanning survey readings.	Default
Group 3	Surface	158	Fuel Storage Facility.	Geophysical anomaly feature - Magnetometer and GPR.	Default

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 3	Subsurface	158	Fuel Storage Facility.	Geophysical anomaly feature - Magnetometer and GPR.	Default
Group 3	Surface	159	Fuel Storage Facility.	Location of the former septic tank and leach field. Geophysical anomaly feature - Magnetometer.	Default
Group 3	Subsurface ²	159	Fuel Storage Facility.	Location of the former septic tank and leach field. Geophysical anomaly feature - Magnetometer.	Default
Group 3	Surface	160	Fuel Storage Facility.	Location of the former septic tank and leach field. Geophysical anomaly feature - Magnetometer.	Default
Group 3	Subsurface ²	160	Fuel Storage Facility.	Location of the former septic tank and leach field. Geophysical anomaly feature - Magnetometer.	Default
Group 3	Surface	161	Fuel Storage Facility.	Geophysical anomaly feature - Magnetometer. Slightly elevated gamma scanning survey readings.	Default
Group 3	Subsurface	161	Fuel Storage Facility.	Geophysical anomaly feature - Magnetometer. Slightly elevated gamma scanning survey readings.	Default
Group 3	Surface	162	Fuel Storage Facility.	Geophysical anomaly feature - Magnetometer and GPR.	Default
Group 3	Subsurface	162	Fuel Storage Facility.	Geophysical anomaly feature - Magnetometer and GPR.	Default
Group 3	Surface	163	Fuel Storage Facility.	Potential radiological contamination associated with storing radioactive fuel within former Building 4064.	Default
Group 3	Subsurface	163	Fuel Storage Facility.	Potential radiological contamination associated with storing radioactive fuel within former Building 4064.	Default
Group 3	Surface	164	Fuel Storage Facility.	Aerial photo feature - open storage. Downgradient of the former septic tank and leach field. Historic data shows elevated readings of Cs-137.	Default
Group 3	Subsurface	164	Fuel Storage Facility.	Aerial photo feature - open storage. Downgradient of the former septic tank and leach field. Historic data shows elevated readings of Cs-137.	Default
Group 3	Surface	165	Fuel Storage Facility.	Geophysical anomaly feature - Conductivity.	Default
Group 3	Subsurface	165	Fuel Storage Facility.	Geophysical anomaly feature - Conductivity.	Default
Group 3	Surface	166	Fuel Storage Facility.	Geophysical anomaly feature - Conductivity and Magnetometer.	Default
Group 3	Subsurface	166	Fuel Storage Facility.	Geophysical anomaly feature - Conductivity and Magnetometer.	Default
Group 3	Surface	167	Fuel Storage Facility.	Aerial photo feature - Possible open storage.	Default
Group 3	Subsurface	167	Fuel Storage Facility.	Aerial photo feature - Possible open storage.	Default
Group 3	Surface	168	Sodium Storage Building.	Potential radiological contamination originating from former Parking Lot 4513 and possibly Building 4064.	Default
Group 3	Subsurface	168	Sodium Storage Building.	Potential radiological contamination originating from former Parking Lot 4513 and possibly Building 4064.	Default
Group 3	Surface	169	Sodium Storage Building.	Potential radiological contamination originating from former Parking Lot 4513 and possibly Building 4064.	Default
Group 3	Subsurface	169	Sodium Storage Building.	Potential radiological contamination originating from former Parking Lot 4513 and possibly Building 4064.	Default
Group 3	Surface	170	Sodium Storage Building.	Potential radiological contamination originating from former Parking Lot 4513 and possibly Building 4064.	Default
Group 3	Subsurface	170	Sodium Storage Building.	Potential radiological contamination originating from former Parking Lot 4513 and possibly Building 4064.	Default
Group 3	Surface	171	Sodium Storage Building.	Potential radiological contamination originating from former Parking Lot 4513 and possibly Building 4064.	Default
Group 3	Subsurface	171	Sodium Storage Building.	Potential radiological contamination originating from former Parking Lot 4513 and possibly Building 4064.	Default
Group 3	Drainage	172	Sodium Storage Building.	Potential radiological contamination originating from former Parking Lot 4513 and possibly Building 4064.	Default
Group 3	Drainage ¹	172	Sodium Storage Building.	Potential radiological contamination originating from former Parking Lot 4513 and possibly Building 4064.	Default
Group 4	Drainage	173	Contaminated Medical/Storage Facility.	Potential for radionuclides to migrate via surface water run-off from the Contaminated Medical Storage Facility.	Default
Group 4	Drainage ¹	173	Contaminated Medical/Storage Facility.	Potential for radionuclides to migrate via surface water run-off from the Contaminated Medical Storage Facility.	Default
Group 2	Surface	174	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	174	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	175	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	175	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	176	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	176	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	177	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	177	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	178	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	178	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	179	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	179	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	180	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	180	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 2	Surface	181	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	181	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	182	Electronics Shop Maintenance Service Building.	Within the footprint of former Building 4063 which use to be part of the Old Radioactive Laundry. Downgradient of Contaminated Laundry Building.	Default
Group 2	Subsurface	182	Electronics Shop Maintenance Service Building.	Within the footprint of former Building 4063 which use to be part of the Old Radioactive Laundry. Downgradient of Contaminated Laundry Building.	Default
Group 2	Surface	183	Electronics Shop Maintenance Service Building.	Within the footprint of former Building 4063 which use to be part of the Old Radioactive Laundry. Downgradient of Contaminated Laundry Building.	Default
Group 2	Subsurface	183	Electronics Shop Maintenance Service Building.	Within the footprint of former Building 4063 which use to be part of the Old Radioactive Laundry. Downgradient of Contaminated Laundry Building.	Default
Group 2	Surface	184	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	184	Contaminated Laundry Building.	Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Drainage	185	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Drainage ¹	185	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	186	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	186	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Surface	187	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building and the Old Radioactive Laundry. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 2	Subsurface	187	Contaminated Laundry Building.	Downgradient of Contaminated Laundry Building and the Old Radioactive Laundry. Potential radiological contamination from the disposal of water used to wash contaminated laundry.	Default
Group 3	Surface	188	Fuel Storage Facility - North of former Building 4064.	Aerial photo feature - open storage. Slightly elevated gamma scanning survey readings.	Default
Group 3	Subsurface	188	Fuel Storage Facility - North of former Building 4064.	Aerial photo feature - open storage. Slightly elevated gamma scanning survey readings.	Default
Group 3	Drainage	189	Fuel Storage Facility.	Potential radiological contamination from surface water run-off from the Fuel Storage Facility and former Parking Lot 4513.	Default
Group 3	Drainage ¹	189	Fuel Storage Facility.	Potential radiological contamination from surface water run-off from the Fuel Storage Facility and former Parking Lot 4513.	Default
Group 2	Surface	190	Old Conservation Yard - Northwest portion.	Historical photograph of Old Conservation Yard. Slightly elevated gamma survey readings. Boundary of Chemical Likely Remediation Zone.	Default
Group 2	Subsurface	190	Old Conservation Yard - Northwest portion.	Historical photograph of Old Conservation Yard. Slightly elevated gamma survey readings. Boundary of Chemical Likely Remediation Zone.	Default
Group 2	Subsurface	191	Old Conservation Yard - Northwest portion.	Historical photograph of Old Conservation Yard. Boundary of Chemical Likely Remediation Zone.	Default
Group 5	Surface	192	Old Conservation Yard - Northwest portion.	Historical photograph of Old Conservation Yard. Slightly elevated gamma survey readings. Boundary of Chemical Likely Remediation Zone.	Default
Group 5	Subsurface	192	Old Conservation Yard - Northwest portion.	Historical photograph of Old Conservation Yard. Slightly elevated gamma survey readings. Boundary of Chemical Likely Remediation Zone.	Default
Group 5	Surface	193	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Conductivity.	Default
Group 5	Subsurface	193	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Conductivity.	Default
Group 5	Surface	194	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Conductivity.	Default
Group 5	Subsurface	194	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Conductivity.	Default
Group 5	Subsurface	195	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - GPR.	Default
Group 5	Subsurface	196	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Magnetometer.	Default
Group 5	Subsurface	197	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Conductivity.	Default
Group 5	Subsurface	198	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Conductivity.	Default
Group 5	Subsurface	199	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Conductivity.	Default

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 5	Subsurface	200	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Conductivity.	Default
Group 5	Subsurface	201	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Conductivity.	Default
Group 5	Subsurface	202	Old Conservation Yard - Eastern portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - Debris Pile. Boundary of Chemical Likely Remediation Zone.	Default
Group 5	Subsurface	203	Old Conservation Yard - Eastern portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - Debris Pile. Boundary of Chemical Likely Remediation Zone.	Default
Group 5	Surface	204	Old Conservation Yard - Eastern portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - Debris Pile. Slightly elevated gamma scanning survey readings.	Default
Group 5	Subsurface	204	Old Conservation Yard - Eastern portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - Debris Pile. Slightly elevated gamma scanning survey readings.	Default
Group 5	Surface	205	Old Conservation Yard - Eastern portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Slightly elevated gamma scanning survey readings.	Default
Group 5	Subsurface	205	Old Conservation Yard - Eastern portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Slightly elevated gamma scanning survey readings.	Default
Group 5	Surface	206	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - Storage Tank. Geophysical anomaly feature - Conductivity.	Default
Group 5	Subsurface	206	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - Storage Tank. Geophysical anomaly feature - Conductivity.	Default
Group 5	Subsurface	207	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Boundary of Chemical Likely Remediation Zone.	Default
Group 5	Subsurface	208	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - GPR.	Default
Group 5	Subsurface	209	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Conductivity.	Default
Group 5	Subsurface	210	Old Conservation Yard - Central portion.	Historical photograph of Old Conservation Yard. Geophysical anomaly feature - Conductivity, Magnetometer and GPR.	Default
Group 5	Drainage	211	Old Conservation Yard - South central portion.	Historical photograph of Old Conservation Yard. Geophysical anomaly feature - Conductivity. Potential radiological contamination associated with the transfer pipeline from the SRE Pond.	Default
Group 5	Drainage ¹	211	Old Conservation Yard - South central portion.	Historical photograph of Old Conservation Yard. Geophysical anomaly feature - Conductivity. Potential radiological contamination associated with the transfer pipeline from the SRE Pond.	Default
Group 4	Surface	212	New Conservation Yard - Northwest portion.	Downgradient from PGRAY 43. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Subsurface	212	New Conservation Yard - Northwest portion.	Downgradient from PGRAY 43. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Surface	213	New Conservation Yard - Northwest portion.	Downgradient from PGRAY 47. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Subsurface	213	New Conservation Yard - Northwest portion.	Downgradient from PGRAY 47. Boundary of Chemical Likely Remediation Zone.	Default
Group 5	Subsurface	214	Old Conservation Yard - South central portion.	Historical photograph of the Old Conservation Yard. Location of former transfer pipeline from the SRE Pond.	Default
Group 4	Surface	215	New Conservation Yard - Northwest portion.	Downgradient from PGRAY 43. Slightly elevated gamma scanning survey readings. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Subsurface	215	New Conservation Yard - Northwest portion.	Downgradient from PGRAY 43. Slightly elevated gamma scanning survey readings. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Surface	216	New Conservation Yard - Northwest portion.	Aerial photo feature - open storage.	Default
Group 4	Subsurface	216	New Conservation Yard - Northwest portion.	Aerial photo feature - open storage.	Default
Group 5	Subsurface	217	Old Conservation Yard - South central portion.	Aerial photo feature - open storage. Historical photograph. Geophysical anomaly feature - Conductivity.	Default
Group 4	Surface	218	New Conservation Yard - Northwest portion.	Potential radiological contamination originating from an underground storage tank associated with former Decontamination Trailer.	Default
Group 4	Subsurface	218	New Conservation Yard - Northwest portion.	Potential radiological contamination originating from an underground storage tank associated with former Decontamination Trailer.	Default
Group 4	Surface	219	New Conservation Yard - Northwest portion.	Aerial photo feature - open storage.	Default
Group 4	Subsurface	219	New Conservation Yard - Northwest portion.	Aerial photo feature - open storage.	Default
Group 4	Surface	220	New Conservation Yard - Northwest portion.	Aerial photo feature -Storage Tank. Close proximity to PGRAY 47.	Default
Group 4	Subsurface	220	New Conservation Yard - Northwest portion.	Aerial photo feature -Storage Tank. Close proximity to PGRAY 47.	Default
Group 4	Subsurface	221	New Conservation Yard - Central portion.	Aerial photo feature - open storage.	Default
Group 4	Subsurface	222	New Conservation Yard - Central portion.	Aerial photo feature - open storage.	Default
Group 4	Subsurface	223	New Conservation Yard - Central portion.	Aerial photo feature - open storage. Geophysical anomaly feature - GPR. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Subsurface	224	New Conservation Yard - Central portion.	Aerial photo feature - open storage.	Default
Group 4	Subsurface	225	New Conservation Yard - Central portion.	Aerial photo feature - open storage. Boundary of Chemical Likely Remediation Zone.	Default

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 4	Subsurface	226	New Conservation Yard - Central portion.	Aerial photo feature - open storage. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Surface	227	Contaminated Medical/Storage Facility.	Potential radiological contamination resulting from the storage of radioactive sources. Aerial photo feature - open storage.	Default
Group 4	Subsurface	227	Contaminated Medical/Storage Facility.	Potential radiological contamination resulting from the storage of radioactive sources. Aerial photo feature - open storage.	Default
Group 4	Surface	228	New Conservation Yard - Central portion.	Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Subsurface	228	New Conservation Yard - Central portion.	Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Drainage	229	New Conservation Yard - Southeast portion.	Potential radiological contamination within drainage that originated in the Old Conservation Yard and received water from transfer pipeline that carried water from the SRE Pond.	Default
Group 4	Drainage ¹	229	New Conservation Yard - Southeast portion.	Potential radiological contamination within drainage that originated in the Old Conservation Yard and received water from transfer pipeline that carried water from the SRE Pond.	Default
Group 4	Drainage	230	New Conservation Yard - Southeast portion.	Potential radiological contamination within drainage that originated in the Old Conservation Yard and received water from transfer pipeline that carried water from the SRE Pond.	Default
Group 4	Drainage ¹	230	New Conservation Yard - Southeast portion.	Potential radiological contamination within drainage that originated in the Old Conservation Yard and received water from transfer pipeline that carried water from the SRE Pond.	Default
Group 4	Drainage	231	New Conservation Yard - East portion.	Potential radiological contamination within drainage that originated in the Old Conservation Yard.	Default
Group 4	Drainage ¹	231	New Conservation Yard - East portion.	Potential radiological contamination within drainage that originated in the Old Conservation Yard.	Default
Group 4	Drainage	232	New Conservation Yard - East portion.	Potential radiological contamination within drainage that originated in the Old Conservation Yard and received water from transfer pipeline that carried water from the SRE Pond.	Default
Group 4	Drainage ¹	232	New Conservation Yard - East portion.	Potential radiological contamination within drainage that originated in the Old Conservation Yard and received water from transfer pipeline that carried water from the SRE Pond.	Default
Group 4	Surface	233	New Conservation Yard - South portion.	Potential radiological contamination from surface water run-off from the New Conservation Yard.	Default
Group 4	Subsurface	233	New Conservation Yard - South portion.	Potential radiological contamination from surface water run-off from the New Conservation Yard.	Default
Group 4	Surface	234	New Conservation Yard - South portion.	Potential radiological contamination from surface water run-off from the New Conservation Yard.	Default
Group 4	Subsurface	234	New Conservation Yard - South portion.	Potential radiological contamination from surface water run-off from the New Conservation Yard.	Default
Group 4	Surface	235	New Conservation Yard - South portion.	Potential radiological contamination from surface water run-off from the New Conservation Yard.	Default
Group 4	Subsurface	235	New Conservation Yard - South portion.	Potential radiological contamination from surface water run-off from the New Conservation Yard.	Default
Group 4	Surface	236	New Conservation Yard - South portion.	Potential radiological contamination from surface water run-off from the New Conservation Yard.	Default
Group 4	Subsurface	236	New Conservation Yard - South portion.	Potential radiological contamination from surface water run-off from the New Conservation Yard.	Default
Group 4	Surface	237	New Conservation Yard - Central portion.	Close proximity to PGRAY 49. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Subsurface	237	New Conservation Yard - Central portion.	Close proximity to PGRAY 49. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Surface	238	New Conservation Yard - Central portion.	Close proximity to PGRAY 56 and 58. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Subsurface	238	New Conservation Yard - Central portion.	Close proximity to PGRAY 56 and 58. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Surface	239	New Conservation Yard - Northwest portion.	Potential radiological contamination originating from an underground storage tank associated with a former Decontamination Trailer.	Default
Group 4	Subsurface	239	New Conservation Yard - Northwest portion.	Potential radiological contamination originating from an underground storage tank associated with a former Decontamination Trailer.	Default
Group 4	Surface	240	New Conservation Yard - Central portion.	Close proximity to PGRAY 52 and 56. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Subsurface	240	New Conservation Yard - Central portion.	Close proximity to PGRAY 52 and 56. Boundary of Chemical Likely Remediation Zone.	Default
Group 4	Surface	241	Contaminated Medical/Storage Facility.	Potential radiological contamination resulting from the storage of radioactive sources.	Default
Group 4	Subsurface	241	Contaminated Medical/Storage Facility.	Potential radiological contamination resulting from the storage of radioactive sources.	Default
Group 4	Surface	242	Contaminated Medical/Storage Facility.	Potential radiological contamination resulting from the storage of radioactive sources.	Default
Group 4	Subsurface	242	Contaminated Medical/Storage Facility.	Potential radiological contamination resulting from the storage of radioactive sources.	Default
Group 4	Surface	243	Contaminated Medical/Storage Facility.	Potential radiological contamination resulting from the storage of radioactive sources.	Default
Group 4	Subsurface	243	Contaminated Medical/Storage Facility.	Potential radiological contamination resulting from the storage of radioactive sources.	Default
Group 4	Surface	244	Contaminated Medical/Storage Facility.	Potential radiological contamination resulting from the storage of radioactive sources.	Default
Group 4	Subsurface	244	Contaminated Medical/Storage Facility.	Potential radiological contamination resulting from the storage of radioactive sources.	Default
Group 5	Surface	245	Old Conservation Yard - North central portion.	Historical photograph. Aerial photo feature - open storage.	Default
Group 5	Subsurface	245	Old Conservation Yard - North central portion.	Historical photograph. Aerial photo feature - open storage.	Default
Group 5	Subsurface	246	Old Conservation Yard - North central portion.	Historical photograph. Aerial photo feature - open storage. Historical data show slightly elevated concentration of U-235.	Default
Group 5	Subsurface	247	Old Conservation Yard - North central portion.	Historical photograph. Aerial photo feature - open storage. Geophysical anomaly feature - Magnetometer.	Default
Group 5	Subsurface	248	Old Conservation Yard - North central portion.	Historical photograph. Aerial photo feature - open storage. Geophysical anomaly feature - Magnetometer.	Default
Group 5	Subsurface	249	Old Conservation Yard - North central portion.	Historical photograph.	Default
Group 5	Subsurface	250	Old Conservation Yard - North central portion.	Historical photograph.	Default

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 5	Subsurface	251	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Magnetometer.	Default
Group 5	Subsurface	252	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical anomaly feature - Magnetometer.	Default
Group 5	Surface	253	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Slightly elevated gamma scanning survey readings.	Default
Group 5	Subsurface	253	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Slightly elevated gamma scanning survey readings.	Default
Group 5	Surface	254	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Slightly elevated gamma scanning survey readings.	Default
Group 5	Subsurface	254	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Slightly elevated gamma scanning survey readings.	Default
Group 5	Surface	255	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Slightly elevated gamma scanning survey readings.	Default
Group 5	Subsurface	255	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Slightly elevated gamma scanning survey readings.	Default
Group 5	Surface	256	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Slightly elevated gamma scanning survey readings.	Default
Group 5	Subsurface	256	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Slightly elevated gamma scanning survey readings.	Default
Group 5	Subsurface	257	Old Conservation Yard - North central portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage.	Default
Group 5	Subsurface	258	Old Conservation Yard - Southeast portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage.	Default
Group 5	Subsurface	259	Old Conservation Yard - Southeast portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical Feature - Magnetometer.	Default
Group 5	Subsurface	260	Old Conservation Yard - Southeast portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage.	Default
Group 5	Subsurface	261	Old Conservation Yard - Southeast portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical Feature - GPR.	Default
Group 5	Subsurface	262	Old Conservation Yard - South portion.	Historical photograph of Old Conservation Yard. Aerial photo features - open storage and Storage Tank.	Default
Group 5	Subsurface	263	Old Conservation Yard - Southeast portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical Feature - Conductivity.	Default
Group 5	Subsurface	264	Old Conservation Yard - Southeast portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical Feature - Magnetometer.	Default
Group 5	Subsurface	265	Old Conservation Yard - South portion.	Historical photograph of Old Conservation Yard. Aerial photo features - open storage and Storage Tank.	Default
Group 5	Subsurface	266	Old Conservation Yard - South portion.	Historical photograph of Old Conservation Yard. Aerial photo feature - open storage. Geophysical Feature - Magnetometer.	Default
Group 5	Subsurface	267	Old Conservation Yard - Northwest portion.	Historical photograph of Old Conservation Yard.	Default
Group 5	Drainage	268	Old Conservation Yard - North central portion.	Potential contamination from surface water run-off from the Old Conservation Yard. Historical data elevated concentration of U-235.	Default
Group 5	Drainage ¹	268	Old Conservation Yard - North central portion.	Potential contamination from surface water run-off from the Old Conservation Yard. Historical data elevated concentration of U-235.	Default
Group 5	Subsurface	269	Northeast corner of the Old Conservation Yard.	Historical photograph of Old Conservation Yard.	Default
Group 5	Subsurface	270	Old Conservation Yard - West central portion.	Former location of bermed soil.	Default
Group 5	Subsurface	271	Old Conservation Yard - East portion.	Aerial photo feature - Debris piles.	Default
Group 1	Subsurface	272	SRE tarp - South boundary.	Boundary of the SRE tarp.	Default + SS
Group 1	Subsurface	273	SRE tarp - South boundary.	Boundary of the SRE tarp.	Default + SS
Group 1	Subsurface	274	SRE tarp - South boundary.	Boundary of the SRE tarp.	Default + SS
Group 1	Subsurface	275	SRE tarp - West boundary.	Boundary of the SRE tarp.	Default + SS
Group 1	Subsurface	276	SRE tarp - West boundary.	Boundary of the SRE tarp.	Default + SS
Group 1	Subsurface	277	SRE tarp - West boundary.	Boundary of the SRE tarp.	Default + SS
Group 1	Surface	278	SRE tarp - North boundary.	Boundary of the SRE tarp.	Default + SS
Group 1	Subsurface	278	SRE tarp - North boundary.	Boundary of the SRE tarp.	Default + SS
Group 1	Surface	279	SRE tarp - North boundary.	Boundary of the SRE tarp. Boundary of Chemical likely Remediation Zone.	Default + SS
Group 1	Subsurface	279	SRE tarp - North boundary.	Boundary of the SRE tarp. Boundary of Chemical likely Remediation Zone.	Default + SS
Group 1	Surface	280	SRE tarp - North boundary.	Boundary of the SRE tarp. Aerial photo feature - Light toned mounded material. Geophysical anomaly - Magnetometer.	Default + SS
Group 1	Subsurface	280	SRE tarp - North boundary.	Boundary of the SRE tarp. Aerial photo feature - Light toned mounded material. Geophysical anomaly - Magnetometer.	Default + SS
Group 1	Surface	281	SRE tarp - North boundary.	Boundary of the SRE tarp. Aerial photo feature - Light toned mounded material. Location of the former cooling tower.	Default + SS
Group 1	Subsurface	281	SRE tarp - North boundary.	Boundary of the SRE tarp. Aerial photo feature - Light toned mounded material. Location of the former cooling tower.	Default + SS

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 1	Surface	282	SRE tarp - West portion.	Potential radiological contamination from activities associated with the SRE Complex.	Default + SS
Group 1	Subsurface	282	SRE tarp - West portion.	Potential radiological contamination from activities associated with the SRE Complex.	Default + SS
Group 1	Surface	283	SRE tarp - West portion.	Potential radiological contamination from activities associated with the SRE Complex.	Default + SS
Group 1	Subsurface	283	SRE tarp - West portion.	Potential radiological contamination from activities associated with the SRE Complex.	Default + SS
Group 1	Surface	284	SRE tarp - South portion.	Potential radiological contamination from activities associated with the SRE Complex.	Default + SS
Group 1	Subsurface	284	SRE tarp - South portion.	Potential radiological contamination from activities associated with the SRE Complex.	Default + SS
Group 1	Surface	285	SRE tarp - South portion.	Potential radiological contamination from activities associated with the SRE Complex.	Default + SS
Group 1	Subsurface	285	SRE tarp - South portion.	Potential radiological contamination from activities associated with the SRE Complex.	Default + SS
Group 1	Surface	286	SRE Area - Western portion.	PGRAY 1	Default + SS
Group 1	Subsurface	286	SRE Area - Western portion.	PGRAY 1	Default + SS
Group 1	Surface	287	SRE Area - Western portion.	PGRAY 2	Default + SS
Group 1	Subsurface	287	SRE Area - Western portion.	PGRAY 2	Default + SS
Group 1	Surface	288	SRE Area - Western portion, within the footprint of former Site 4689.	PGRAY 3	Default + SS
Group 1	Subsurface	288	SRE Area - Western portion, within the footprint of former Site 4689.	PGRAY 3	Default + SS
Group 1	Surface	289	SRE Area - Western portion.	PGRAY 3	Default + SS
Group 1	Subsurface	289	SRE Area - Western portion.	PGRAY 3	Default + SS
Group 1	Surface	290	SRE Area - Northwestern portion.	PGRAY 4	Default + SS
Group 1	Subsurface	290	SRE Area - Northwestern portion.	PGRAY 4	Default + SS
Group 1	Surface	291	SRE Area - Northwestern portion.	PGRAY 4	Default + SS
Group 1	Subsurface	291	SRE Area - Northwestern portion.	PGRAY 4	Default + SS
Group 1	Surface	292	SRE Area - Northwestern portion.	PGRAY 4	Default + SS
Group 1	Subsurface	292	SRE Area - Northwestern portion.	PGRAY 4	Default + SS
Group 1	Surface	293	Liquid and Gas Radioactive Storage Tanks Area.	PGRAY 5	Default + SS
Group 1	Subsurface	293	Liquid and Gas Radioactive Storage Tanks Area.	PGRAY 5	Default + SS
Group 1	Surface	294	Liquid and Gas Radioactive Storage Tanks Area.	PGRAY 8	Default + SS
Group 1	Subsurface	294	Liquid and Gas Radioactive Storage Tanks Area.	PGRAY 8	Default + SS
Group 1	Surface	295	SRE Area - Northwestern portion.	PGRAY 9	Default + SS
Group 1	Subsurface	295	SRE Area - Northwestern portion.	PGRAY 9	Default + SS
Group 1	Surface	296	SRE Area - Northwestern portion.	PGRAY 9	Default + SS
Group 1	Subsurface	296	SRE Area - Northwestern portion.	PGRAY 9	Default + SS
Group 1	Surface	297	SRE Area - Northwestern portion.	PGRAY 9	Default + SS
Group 1	Subsurface	297	SRE Area - Northwestern portion.	PGRAY 9	Default + SS
Group 1	Surface	298	SRE Area - Northwestern portion.	PGRAY 9	Default + SS
Group 1	Subsurface	298	SRE Area - Northwestern portion.	PGRAY 9	Default + SS
Group 1	Surface	299	SRE Area - Southern portion.	PGRAY 12	Default + SS
Group 1	Subsurface	299	SRE Area - Southern portion.	PGRAY 12	Default + SS
Group 1	Surface	300	SRE Area - Northeastern portion.	PGRAY 19	Default + SS
Group 1	Subsurface	300	SRE Area - Northeastern portion.	PGRAY 19	Default + SS
Group 2	Surface	301	Contaminated Laundry Building.	PGRAY 21	Default
Group 2	Subsurface	301	Contaminated Laundry Building.	PGRAY 21	Default
Group 1	Surface	302	Hot Oil Sodium Cleaning Facility.	PGRAY 26	Default
Group 1	Subsurface	302	Hot Oil Sodium Cleaning Facility.	PGRAY 26	Default
Group 1	Surface	303	Steam Sodium Cleaning Pad.	PGRAY 28	Default
Group 1	Subsurface	303	Steam Sodium Cleaning Pad.	PGRAY 28	Default
Group 1	Surface	304	Steam Sodium Cleaning Pad	PGRAY 29	Default
Group 1	Subsurface	304	Steam Sodium Cleaning Pad	PGRAY 29	Default
Group 3	Surface	305	Fuel Storage Facility.	PGRAY 36	Default
Group 3	Subsurface	305	Fuel Storage Facility.	PGRAY 36	Default
Group 4	Surface	306	East of the Fuel Storage Facility, south of the Contaminated Medical/Storage Facility.	PGRAY 37	Default
Group 4	Subsurface	306	East of the Fuel Storage Facility, south of the Contaminated Medical/Storage Facility.	PGRAY 37	Default
Group 4	Surface	307	East of the Fuel Storage Facility.	PGRAY 38	Default
Group 4	Subsurface	307	East of the Fuel Storage Facility.	PGRAY 38	Default

Table 1
Summary of Soil Sample Locations in Subarea 6

Group	Sample Type	Location ID	Location Description	Technical Justification	Analytical Suite ^{4, 5}
Group 4	Surface	308	East of the Fuel Storage Facility.	PGRAY 39	Default
Group 4	Subsurface	308	East of the Fuel Storage Facility.	PGRAY 39	Default
Group 4	Surface	309	Contaminated Medical/Storage Facility.	PGRAY 40	Default
Group 4	Subsurface	309	Contaminated Medical/Storage Facility.	PGRAY 40	Default
Group 4	Surface	310	New Conservation Yard.	PGRAY 43	Default
Group 4	Subsurface	310	New Conservation Yard.	PGRAY 43	Default
Group 5	Surface	311	Old Conservation Yard - East portion.	PGRAY 45	Default
Group 5	Subsurface	311	Old Conservation Yard - East portion.	PGRAY 45	Default
Group 5	Surface	312	Old Conservation Yard - East portion.	PGRAY 46	Default
Group 5	Subsurface	312	Old Conservation Yard - East portion.	PGRAY 46	Default
Group 4	Surface	313	New Conservation Yard.	PGRAY 47	Default
Group 4	Subsurface	313	New Conservation Yard.	PGRAY 47	Default
Group 4	Surface	314	New Conservation Yard.	PGRAY 48	Default
Group 4	Subsurface	314	New Conservation Yard.	PGRAY 48	Default
Group 4	Surface	315	New Conservation Yard.	PGRAY 49	Default
Group 4	Subsurface	315	New Conservation Yard.	PGRAY 49	Default
Group 4	Surface	316	New Conservation Yard - Within drainage.	PGRAY 52	Default
Group 4	Subsurface	316	New Conservation Yard - Within drainage.	PGRAY 52	Default
Group 5	Surface	317	Old Conservation Yard - East portion, near the Southern California Edison Substation.	PGRAY 55	Default
Group 5	Subsurface	317	Old Conservation Yard - East portion, near the Southern California Edison Substation.	PGRAY 55	Default
Group 4	Surface	318	New Conservation Yard - Within drainage.	PGRAY 56	Default
Group 4	Subsurface	318	New Conservation Yard - Within drainage.	PGRAY 56	Default
Group 5	Surface	319	East portion of the Old Conservation Yard.	PGRAY 57	Default
Group 5	Subsurface	319	East portion of the Old Conservation Yard.	PGRAY 57	Default
Group 4	Surface	320	New Conservation Yard - Within drainage.	PGRAY 58	Default
Group 4	Subsurface	320	New Conservation Yard - Within drainage.	PGRAY 58	Default

Notes:

¹Drainage sampling locations consist of a surface soil sample and a subsurface soil sample.

²At the septic system locations within Subarea 6 (the Fuel Storage building and the SRE) the target subsurface depth interval will be 5 - 10 feet below ground surface based on typical design and construction details of other septic systems within Area IV.

³DPT borings within the SRE Reactor, Hot Cell, Liquid Waste Sump Tanks, Fuel Wash Cells, and the Dry Fuel Storage Cell (sampling locations 68,70, 71, 88, 90, 118,123, 124, and 125) will be advanced down to bedrock or refusal.

⁴Default suite includes the radionuclide analysis shown in Table 2.4 of the Field Sampling Plan for Soil Sampling (HGL, 2010a). All samples will be tested for the default suite of analytes.

⁵Site-specific (SS) indicates that C-14, H-3, I-129, Ni-63, Ni-59, and Tc-99 will be added to the suite of radiological laboratory analysis identified in Table 2.4 of the Field Sampling Plan for Soil Sampling (HGL, 2010a).

KEWB - kinetic experiment water boiler

PGRAY - potential gamma radiation anomaly

SRE - Sodium Reactor Experiment

ATTACHMENT 2

Figure 1	Subarea 6 Base Map
Figure 2	Subarea 6 Group 1 Sample Locations
Figure 3	Subarea 6 Group 2 Sample Locations
Figure 4	Subarea 6 Group 3 Sample Locations
Figure 5	Subarea 6 Group 4 Sample Locations
Figure 6	Subarea 6 Group 5 Sample Locations

Figure 1
Subarea 6 Base Map
Santa Susana Field Laboratory

U.S. EPA Region 9

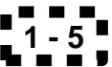


Legend

Buildings:

 Demolished

 Existing

 Subarea 6 Groups



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6/27/2011 sdrallos-kopeccky
Source:HGL 2010, CIRGIS 2007



Figure 2
Subarea 6 Group 1 Sample Locations
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

Buildings:

Demolished

Existing

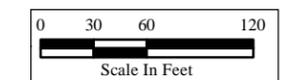
Subarea 6 Groups

Drainage Sample

Subsurface Sample

Surface and Subsurface Sample

SRE Pond Likely Remediation Zone



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6/29/2011 sdrallos-kopeccky
Source:HGL2010, CIRGIS 2007

Figure 3
Subarea 6 Group 2 Sample Locations
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

Buildings:

Demolished

Existing

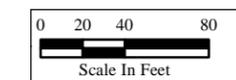
Subarea 6 Groups

Drainage Sample

Subsurface Sample

Surface and Subsurface Sample

SRE Pond Likely Remediation Zone



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6/29/2011 sdrallos-kopeccky
Source:HGL 2010, CIRGIS 2007



Figure 5
Subarea 6 Group 4 Sample Locations
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

Buildings:

Demolished

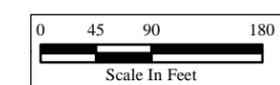
Existing

Subarea 6 Groups

Drainage Sample

Subsurface Sample

Surface and Subsurface Sample



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6/27/2011 sdrillos-kopecky
Source:HGL 2010, CIRGIS 2007

Figure 6
Subarea 6 Group 5 Sample Locations
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

Buildings:

Demolished

Existing

1 - 5 Subarea 6 Groups

Drainage Sample

Subsurface Sample

Surface and Subsurface Sample



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(6)Group5ProposedSampleLocations_11x17_6SRtransferline.mxd
6/29/2011_sdrallos-kopecky
Source:HGL 2010, CIRGIS 2007