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FINAL
Remedial Action Report for DOE Areas at the Laboratory for Energy-Related Health Research Federal Facility University of California, Davis

December 2020

U.S. DEPARTMENT OF ENERGY | Legacy Management

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Contents

Abbreviations iii
1.0 Introduction 1
1.1 Location 1
1.2 Site Description 1
1.3 Site Cleanup History 3
1.4 Record of Decision Requirements 4
1.4.1 Remedial Action Objectives 4
1.4.2 Remedial Action Requirements 8
1.4.3 Remedy Component Requirements 8
1.4.3.1 Land-Use Controls 9
1.4.3.2 Long-Term Groundwater Monitoring with Contingent Remediation 9
1.5 Remedial Design Summary 10
1.6 Record of Decision Amendments 10
2.0 Construction Activities and Implementation of Institutional Controls 11
2.1 Groundwater Monitoring System 11
2.2 Implementation of Groundwater Monitoring and Data Evaluation 15
2.3 Land-Use Control Monuments 15
2.4 Well and Monument Marker Installations 16
2.5 Implementation of Institutional Controls 17
2.5.1 Environmental Covenant 17
2.5.2 Soil Management Plan 17
2.6 Construction and Work Plan Deviations 17
3.0 Chronology of Events 19
4.0 Quality Control 21
4.1 Construction Quality 21
4.1.1 Well Construction 21
4.1.1.1 Well Development 22
4.1.1.2 Well Identification Plates and Markers 23
4.1.2 Land-Use Control Monuments 23
4.2 Groundwater Monitoring Data Quality 24
4.3 Quality Control Oversight 25
5.0 Inspections and Certifications 27
5.1 Inspections 27
5.2 Health and Safety 27
6.0 Operation and Maintenance Activities 29
6.1 Monitoring Program 29
6.2 Remediation Goals 33
6.3 Maintenance 33
7.0 Contact Information 35
8.0 References 37

Figures

Figure 1. Location of the LEHR Site, UC Davis, Solano County, California 2
Figure 2. LEHR Site Features 5
Figure 3. Monitoring Well and Land-Use Control Monument Locations, UC Davis, Solano County, California 12
Figure 4. Groundwater Monitoring Decision Process 30

Tables

Table 1. Remediation Goals for the Protection of Human Health 6
Table 2. Soil Remediation Goals for the Protection of Groundwater 7
Table 3. Selected Remedies for Each DOE Area 8
Table 4. Additional Constituents that Could Impact Groundwater Quality—to Be Monitored... 10
Table 5. Timeline of Events Relevant to Remedial Action Implementation 19
Table 6. Well Development Data 23
Table 7. DOE Areas Well-Specific Constituents 31
Table 8. Project Contacts 35

Appendixes

Appendix A Non-Time Critical Removal Actions Waste Tracking Summary Data
Appendix B Lithologic and Well Completion Logs for DOE Areas Monitoring Wells
Appendix C Recorded Environmental Covenant
Appendix D Investigation-Derived Waste Documentation for Soil
Appendix E Investigation-Derived Waste Documentation for Well Development Water
Appendix F Groundwater Monitoring Program Data Summary and Time-Series Concentration Plots for Constituents of Concern

Abbreviations

ARAR	applicable or relevant and appropriate requirement
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	constituent of concern
CVRWQCB	Central Valley Regional Water Quality Control Board
DOE	U.S. Department of Energy
DQO	data quality objective
DSS	Domestic Septic System
DTSC	California Department of Toxic Substances Control
EDP	Eastern Dog Pen
EPA	U.S. Environmental Protection Agency
FFA	Federal Facility Agreement
LEHR	Laboratory for Energy-Related Health Research
LM	Office of Legacy Management
MCL	maximum contaminant level
µg/L	micrograms per liter
MOC	monitoring-only constituent
NTU	nephelometric turbidity unit
NWC	new well constituent
OCL	Old Campus Landfill
pCi/g	picocuries per gram
QAPP	*Quality Assurance Project Plan*
Ra	radium
RAO	Remedial Action Objective
RD/RAWP	*Remedial Design/Remedial Action Work Plan*
ROD	Record of Decision
RSL	Regional Screening Level
Site	Laboratory for Energy-Related Health Research/Old Campus Landfill Superfund Site
SL	Screening Level
SMP	Soil Management Plan
SOP	standard operating procedure
Sr	strontium

SWRA	Site-Wide Risk Assessment
SWT	Southwest Trenches
UC Davis	University of California–Davis
VI	vapor intrusion
WDP	Western Dog Pen
WQO	water quality objective
WWTP	UC Davis Wastewater Treatment Plant

1.0 Introduction

This remedial action report documents the activities that fully implemented the remedies specified in the Record of Decision (ROD) prepared by the U.S Department of Energy (DOE) (DOE 2009b) as modified during the First Five-Year Review report as amended (DOE 2016b; DOE 2018c) for DOE areas at the Laboratory for Energy-Related Health Research (LEHR)/Old Campus Landfill (OCL) Superfund site (Site) at the University of California–Davis (UC Davis) (Figure 1). This document was prepared in accordance with the U.S. Environmental Protection Agency (EPA) Office of Solid Waste and Emergency Response Directive 9320.2-22, *Closeout Procedures for National Priorities List Sites* (EPA 2011).

The selected remedies for the Site are either (1) No Further Action or (2) institutional controls and groundwater monitoring. Per the ROD, if groundwater monitoring detects any changes in contaminant concentrations that could impact human health and the environment, then DOE will evaluate remedial options and determine whether a contingency remedy is appropriate in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and applicable or relevant and appropriate requirements (ARARs).

Remedial construction for DOE areas was completed in 2011 and the environmental land-use covenant (Covenant) was recorded in 2014 (Solano County 2014). Data gaps for vapor intrusion (VI) identified during the First Five-Year Review report were addressed in 2018 (DOE 2018c) and the implementation of a contingency remedy is not anticipated. Therefore, DOE has determined that remedial construction for the DOE areas, including the implementation of the ROD-required institutional controls and groundwater monitoring is complete, as documented in this report.

1.1 Location

The Site is located immediately to the east of Old Davis Road, about 3400 feet south of U.S. Interstate 80 in Solano County, California, in the southeast quarter of Section 21, Township 8 North, Range 2 East, Mount Diablo Base and Meridian (Figure 1). It is approximately 2 miles south of the city of Davis, in the southeast portion (South Campus area) of the UC Davis campus. The Site property is owned by the Regents of the University of California. The DOE areas addressed in this report are those areas where remediation is specified in the ROD (see Section 1.4).

1.2 Site Description

The LEHR/OCL was placed on the National Priorities List (Superfund Site Identification No. CA2890190000) in May 1994 because contamination at the Site was considered to pose a significant risk to human health or the environment, or both.

DOE is the lead agency responsible for remediation of the environmental impacts associated with past activities at the LEHR Federal Facility portion of the LEHR/OCL. DOE is remediating the Site with support from the EPA Region 9, the California Department of Toxic Substances Control (DTSC), and the Central Valley Regional Water Quality Control Board (CVRWQCB). The remediation is funded by the DOE Office of Legacy Management (LM).

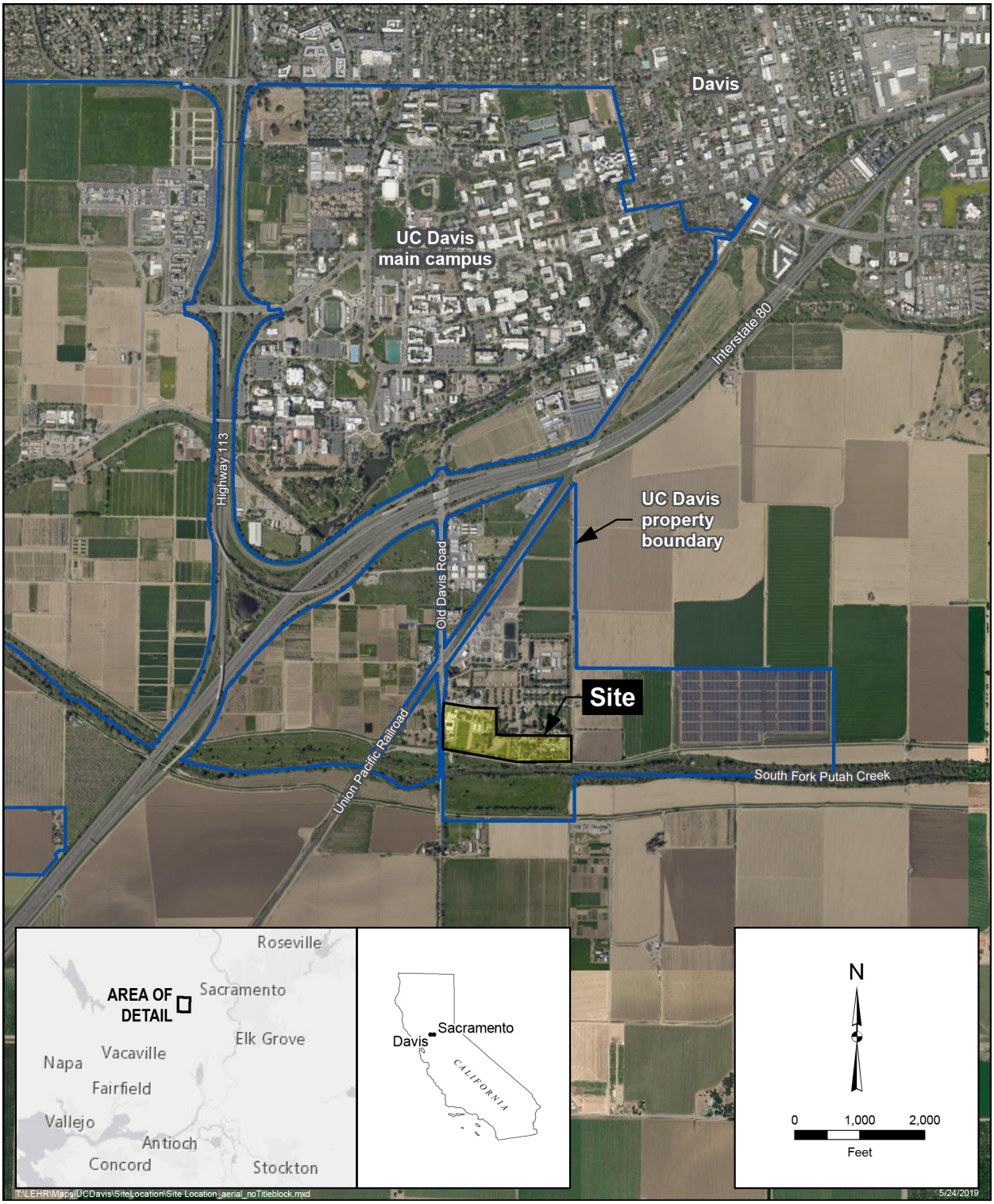

Figure 1. Location of the LEHR Site, UC Davis, Solano County, California

The Site is comprised of the LEHR Federal Facility and the UC Davis landfill areas, for which DOE and UC Davis are identified as responsible parties, respectively. The Site is presently occupied by the UC Davis Center for Health and the Environment, which conducts toxicology, epidemiology, radiation biology, and radiochemistry research. LEHR is a former research facility operated by DOE and its predecessor agencies including the U.S. Atomic Energy Commission. The LEHR Federal Facility is defined in a Federal Facility Agreement (FFA) (EPA et al. 1999) signed in 1999 by DOE and EPA, the California Department of Health Services (now the California Department of Public Health) and the CVRWQCB. DTSC joined as a signatory to the FFA in 2000. The FFA defines the LEHR Federal Facility as the following areas (see Figure 2):

- Maintenance Shop (H-212); Main Building (H-213); location of the former Imhoff Building (H-214); Reproductive Biology Laboratory (H-215); Specimen Storage (H-216); Inter-regional Project No. 4 (H-217); Animal Hospital No. 2 (H-218); Animal Hospital No. 1 (H-219); Co-60 Building (H-229); Occupational and Environmental Medicine Building (H-289); Co-60 Annex (H-290); Geriatrics Building No. 1 (H-292); Geriatrics Building No. 2 (H-293); Cellular Biology Laboratory (H-294); Small Animal Housing (H-296); Toxic Pollutant Health Research Laboratory (H-299); Storage Space (H-300)
- The Cobalt-60 Irradiation Field
- The radium (Ra) and strontium (Sr) leach fields, Imhoff storage tanks and radium-226 waste tanks (collectively identified herein as the Ra/Sr Treatment Systems)
- Seven septic tanks (including leach fields and dry wells)
- The Southwest Trenches (SWT) area
- The former Western Dog Pen (WDP) and Eastern Dog Pen (EDP) areas and associated soils and gravels
- The DOE Disposal Box
- Areas where contamination originating from the areas listed above is located, excluding areas assigned to UC Davis, by a memorandum of agreement between the Regents of the University of California and DOE (DOE 1997; amended in DOE 2009a)

1.3 Site Cleanup History

DOE completed several removal actions prior to issuing the ROD that successfully addressed principal environmental threats at the Site:

- A non-time critical removal action was conducted in the DOE Disposal Box area in 1996 (IT Corp 1997)
- A non-time critical removal action was conducted in the SWT area in 1998 (Weiss 2001a)
- A non-time-critical removal action in the Ra/Sr Treatment Systems area in 1999 and 2000. Domestic Septic System 2 (DSS 2), parts of Dry Wells A through E (Figure 2) associated with DSS 1 and DSS 5 were removed during the removal action at the Ra/Sr Treatment Systems area (Weiss 2001b)
- A non-time-critical removal action in the WDPs area in 2001 (Weiss 2002)
- A non-time-critical removal action in the DSS 3 and 6 areas in 2002 (Weiss 2003a)

A table of the non-time critical removal action waste tracking records, including the applicable waste manifest numbers, is included in Appendix A. The waste tracking records, including waste manifests, are stored at the LM Business Center, 99 Research Park Road, Morgantown, West Virginia, 26505. Based on Site conditions after the removal actions were completed, DOE prepared a remedial investigation report in 2003 (Weiss 2003b) and UC Davis and DOE prepared a Site-Wide Risk Assessment (SWRA) between 2002 and 2005. The risk assessment for the DOE Disposal Box (Weiss 2005) showed that no risk to human health, ecological receptors, or groundwater quality remained in the area. The risk assessment at the SWT area, Ra/Sr Treatment Systems, DSS 1, 2, 3, 5, 6, and WDPs areas showed that excess risk to human health from contaminants in these areas, except for the SWT area, was reduced to below 1 in 1 million (Weiss 2005) and ecological risks were insignificant (BBL 2006). Risks to human health were above 1 in 1 million at the DSS 4 and the EDPs area (Weiss 2005), but ecological risks were insignificant (BBL 2006). Potential future groundwater impacts associated with the transport of contaminants retained in soil remain at the SWT area, Ra/Sr Treatment Systems, the Dry Wells, and DSS 3 and 4 areas and require additional action as discussed in Section 1.4.2. No Further Action is required at the WDPs area and DSSs 1, 2, 5, and 6.

Following completion of the SWRA, the feasibility study report (Weiss 2008), proposed plan (DOE 2008), and ROD were prepared to address the remaining areas with excess cancer risks exceeding 1 in 1 million and areas where contaminants in soil have the potential to impact groundwater quality. This CERCLA-mandated process led to the implementation of the selected remedies, as discussed below.

1.4 Record of Decision Requirements

The requirements specified in the ROD for the DOE areas include Remedial Action Objectives (RAOs) and the implementation of remedies consisting of land-use controls, long-term groundwater monitoring, and contingent remedial action, as discussed below.

1.4.1 Remedial Action Objectives

The RAOs for the Site are:

- Prevent human contact with contamination in soil that poses an excess cumulative cancer risk greater than the upper bound of the range of 1 in 1 million to 1 in 10,000. Any risk greater than 1 in 1 million requires investigation to determine if remedial action is necessary.
- Mitigate potential future impacts to groundwater.
- Minimize threats to the environment, including but not limited to, sensitive habitats and critical habitats of species protected under the state and federal Endangered Species Acts.
- Comply with all ARARs.
- Minimize impact to UC Davis research activities at the Site, as specified in the memorandum of agreement between the DOE and the Regents of the University of California (DOE 2009a).

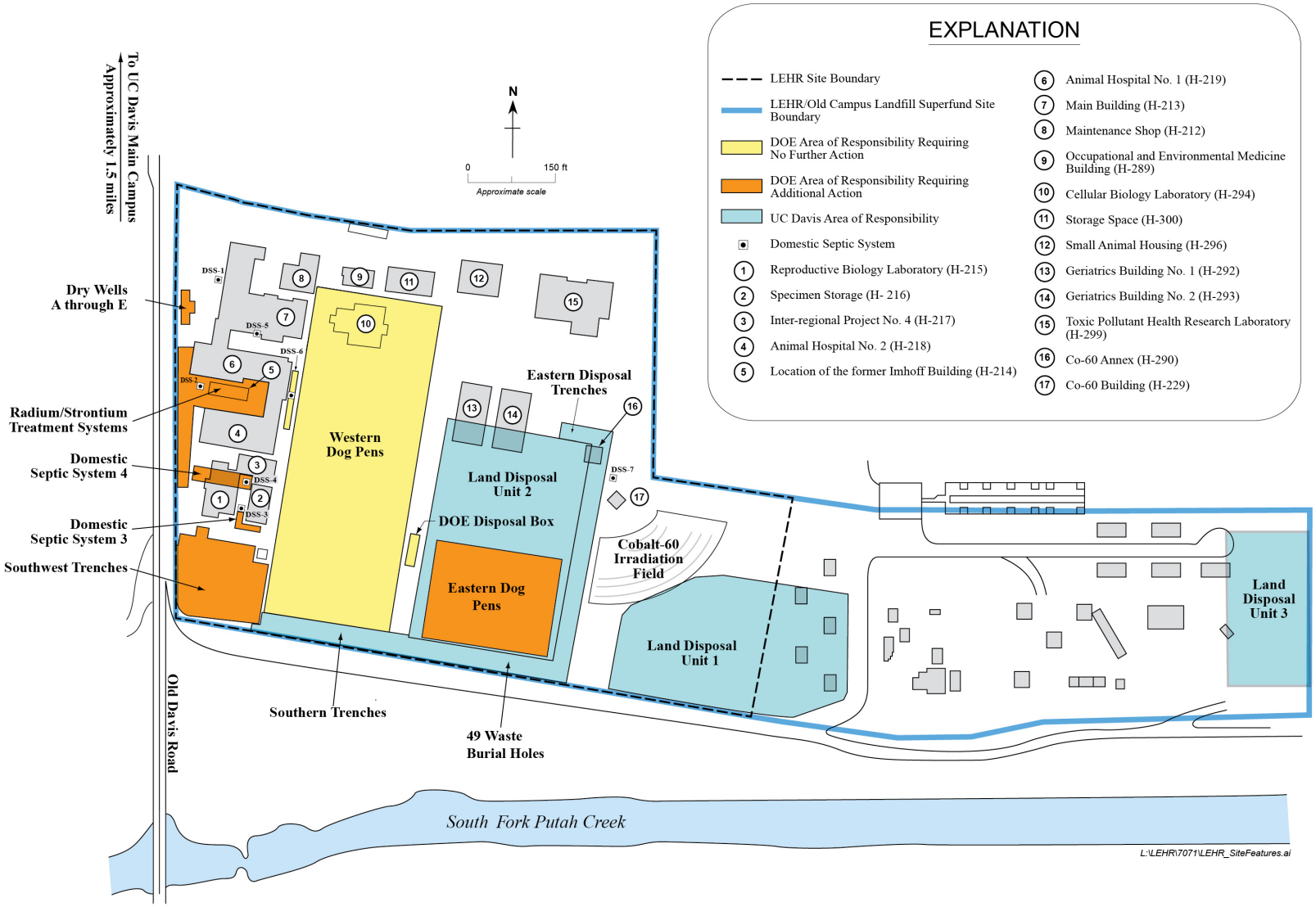

Figure 2. LEHR Site Features

Table 1 lists soil remediation goals for the constituents of concern (COCs) at each DOE area identified in the ROD (DOE 2009b) as presenting potential human health cancer risks that exceed 1 in 1 million. The First Five-Year Review report (DOE 2016b) concluded that the VI exposure pathway was not adequately evaluated in the risk assessment on which the ROD remediation goals are based. A human health protectiveness evaluation was performed and is discussed in Section 1.6.

Table 2 presents ROD groundwater quality goals developed in conformance with the CVRWQCB's guidance document *Designated Level Methodology for Waste Classification and Cleanup Level Determination* (CVRWQCB 1989). These remediation goals represent contaminant concentrations in soil that, based on modeling, would not impact groundwater above groundwater background or water quality goals. Removal actions completed by DOE were based on these remediation goals. However, in some areas (DSS 4, EDP, SWT), residual soil contamination exceeding these goals remains, and groundwater monitoring beneath and downgradient of these areas of contamination will continue until it can be shown the areas no longer pose a threat to water quality.

Table 1. Remediation Goals for the Protection of Human Health

DOE Area	Receptor / COC	Exposure Point Concentration[a]	Remediation Goal[b,c]
Domestic Septic System 4	Onsite Resident		
	Benzo(a)anthracene	3.8	0.2
	Benzo(a)pyrene	2.4	0.03
	Benzo(b)fluoranthene	2.7	0.4
	Benzo(k)fluoranthene	1.5	0.004[d]
	Dibenzo(a,h)anthracene	1.1	0.1
	Indeno(1,2,3-cd)pyrene	0.86	0.2
	Onsite Construction Worker		
	Benzo(a)pyrene	2.4	2
Southwest Trenches	Onsite Resident		
	Strontium-90+daughter	0.94	0.3
Eastern Dog Pens	Onsite Resident		
	Dieldrin	0.019	0.006
	Strontium-90+daughter	0.33[e]	0.3

Notes:
Chemical concentrations are expressed in milligrams per kilogram; radionuclide concentrations are expressed in picocuries per gram.

[a] Maximum concentration or 95% upper confidence limit on the mean for soil located between 0 and 10 feet below ground surface.
[b] Remediation goals based on an excess cancer risk of 1 in 1 million (i.e., 1E-06); assuming the following exposure pathways are complete: soil ingestion, soil dermal exposure, plant ingestion, external radiation (radionuclides only), and dust inhalation. All concentrations are based on dry weight of soil sample.
[c] These remediation goals differ from the DTSC Screening Levels (SLs) and EPA Regional Screening Levels (RSLs) because the remediation goals account for potential plant ingestion exposure.
[d] The remediation goal for benzo(k)fluoranthene is orders of magnitude lower than the DTSC SL and EPA RSL because of an apparent error in the soil-to-plant transfer coefficient used in the Site-Wide Risk Assessment as discussed in Appendix G, Section G1.2.1.3 of the First Five-Year Review report.
[e] Strontium-90 contained in concrete removed during the 2007 EDP area maintenance action was not used to derive the exposure point concentration.

Table 2. Soil Remediation Goals for the Protection of Groundwater

DOE Area	COC in Soil[a]	Maximum Soil Concentration[b]	Background Remediation Goal[c]	MCL Remediation Goal[d]
Domestic Septic System 3	Formaldehyde	2.2	0.00378	0.0151[f]
	Molybdenum	2.5	<0.26[e]	3.11[g]
	Nitrate as N	106	36[e]	36[e]
Domestic Septic System 4	Selenium	2.0[h]	4.0	35
Dry Wells A–E	Chromium	245	181[e]	181[e]
	Hexavalent chromium	1.62	1.3[e]	1.3[e]
	Mercury	5.3	0.63[e]	0.63[e]
	Molybdenum	1.3	0.30	3.6[g]
	Silver	53.8	0.55[e]	0.83
	Cesium-137	0.191	0.1	20[i]
	Strontium-90	0.176	0.0595	0.28
Ra/Sr Treatment Systems[l]	Nitrate as N	304	36[e]	36[e]
	Carbon-14	2.41	0.13[e]	2.34[i,j]
	Radium-226	1.72[k]	0.752[e]	1.9
Southwest Trenches	Nitrate as N	909	36[e]	36[e]
	Carbon-14	5.84	0.13[e]	0.292[i,j]

Notes:

Chemical or nonradioactive elemental concentrations are expressed in milligrams per kilogram; radionuclide concentrations are expressed in picocuries per gram.

[a] Vadose-zone soil contaminant with potential to impact groundwater.

[b] Maximum level of the constituent detected in soil samples collected from the area.

[c] Soil concentration predicted by transport modeling, above which groundwater impacts in excess of site background are possible. The calculated remediation goals are expressed as dry weight.

[d] Soil concentration predicted by transport modeling, above which groundwater impacts above California drinking water MCLs may occur, unless noted. The calculated remediation goals are expressed as dry weight.

[e] Soil background concentration was selected as the remediation goal because the calculated remediation goal is below the soil background concentration. Calculated remediation goals are presented in the Site-Wide Risk Assessment (Weiss 2005).

[f] Based on the California Department of Public Health Notification Level of 100 micrograms per liter (*California Health and Safety Code* 116455).

[g] Based on EPA Region 9 preliminary remediation goal for tap water (EPA 2010).

[h] Residual selenium soil concentrations exceeded soil background in 23% of the samples collected. Modeling suggests that selenium concentrations in soil are unlikely to impact groundwater at levels that exceed the remediation goals. However, selenium was retained as a COC because it was detected (one result) in downgradient hydrostratigraphic unit 1 well at a concentration slightly above groundwater background.

[i] Based on the 4 millirem per year federal MCL for beta particles and photon emitters (EPA 2000).

[j] The different MCL remediation goals for the Ra/Sr Treatment Systems and SWT areas reflect the observed vertical distribution of contamination in these areas.

[k] The sample containing the maximum radium-226 result in the Ra/Sr Treatment Systems area was re-collected and re-analyzed. The reported maximum value is the average of the initial result (1.81 pCi/g) and re-collected sample result (1.63 pCi/g).

[l] The Ra/Sr Treatment Systems area is inclusive of DSS 2.

Abbreviations:

MCL = maximum contaminant level

pCi/g = picocuries per gram

1.4.2 Remedial Action Requirements

The selected remedies for the DOE areas are shown in Table 3 and are as follows:

- Long-term groundwater monitoring with contingent remediation and a Soil Management Plan (SMP) at the Ra/Sr Treatment Systems area, DSS 3, Dry Wells A–E, and the SWT area.
- Long-term groundwater monitoring with contingent remediation, land-use restriction prohibiting residential use, and a SMP at DSS 4.
- Implementation of a SMP at the EDP area.
- No Further Action at DSS 1, DSS 5, DSS 6, DSS 7, WDPs, and DOE Disposal Box areas.

1.4.3 Remedy Component Requirements

The major components of the selected remedies, other than the No Further Action remedy, include land-use controls, groundwater monitoring, and contingent remediation as discussed below.

Table 3. Selected Remedies for Each DOE Area

DOE Area	No Action / No Further Action	Long-Term Groundwater Monitoring / Contingency Remediation	Land-Use Restrictions	
			Soil Management Plan	No Residential Use
Ra/Sr Treatment Systems (includes Domestic Septic System 2)		✓	✓	
Domestic Septic System 1	✓			
Domestic Septic System 3		✓	✓	
Domestic Septic System 4		✓	✓	✓
Domestic Septic System 5	✓			
Domestic Septic System 6	✓			
Domestic Septic System 7	✓			
DOE Disposal Box	✓			
Dry Wells A–E		✓	✓	
Eastern Dog Pens[a]			✓	
Southwest Trenches		✓	✓	
Western Dog Pens	✓			

Note:
[a] Groundwater monitoring is also performed as part of the remedy downgradient of selected areas requiring No Action / No Further Action to monitor for potential impacts on groundwater quality from the leaching of residual contaminants in soil to groundwater. These areas include DSS 1, DSS 5, DSS 6, and the EDPs for additional constituents (see Tables 1–4).

1.4.3.1 Land-Use Controls

The ROD (DOE 2009b) required implementation of land-use restrictions to:

- Prevent exposure to contaminated soil
- Prevent improper disposal of contaminated soils
- Maintain the integrity of all present and future monitoring wells for alternatives requiring groundwater monitoring

The ROD requires that land-use restrictions will be maintained until the concentrations of COCs in the DOE areas soil meet the RAOs and are at levels that allow unrestricted land use.

The required components of the remedy include:

- Development and implementation of an SMP to provide controls for activities that disturb the subsurface where residual contaminants may be.
- A prohibition against destruction of, or tampering with, groundwater monitoring wells associated with the remedy.
- Access provided for sampling and maintaining monitoring wells and conducting contingent remediation.
- A prohibition against residential use at the DSS 4 area.
- A recorded environmental land-use covenant specifying that the above controls and groundwater monitoring program (see below) be maintained until the concentrations of hazardous substances are at levels that allow for unrestricted land use and exposure.

1.4.3.2 Long-Term Groundwater Monitoring with Contingent Remediation

In accordance with the ROD (DOE 2009b), long-term groundwater monitoring was selected for COCs in soil that have a potential to impact groundwater in the future (Table 2) at five DOE areas (Table 3). In addition to COCs, the ROD identified monitoring requirements for a set of constituents that have a low probability of impact on groundwater in the future. These constituents are listed in Table 4.

The required groundwater monitoring program includes:

- Sampling of nine onsite wells to monitor shallow groundwater immediately downgradient of the DOE areas. This includes four wells already in place and construction of five new wells.
- Sampling two offsite wells to establish background groundwater concentrations in shallow groundwater not affected by Site activities.

If groundwater monitoring detects any changes in contaminant concentrations that could impact human health and the environment, DOE will then evaluate remedial options to determine whether remediation is appropriate in accordance with CERCLA and ARARs.

Currently, contingent remediation for the DOE areas is not anticipated. The nine onsite wells are used to monitor groundwater quality and two wells are used to monitor background groundwater concentrations.

Table 4. Additional Constituents that Could Impact Groundwater Quality—to Be Monitored

Area	Constituents of Potential Concern to Be Monitored
Domestic Septic System 1	Aluminum
Domestic Septic System 3	Aluminum, silver
Domestic Septic System 4	Aluminum, chromium, nickel
Domestic Septic System 5	Aluminum
Domestic Septic System 6	Aluminum
Domestic Septic System 7	None
Dry Wells A–E	None
Ra/Sr Treatment Systems[a]	Americium-241
Southwest Trenches	Mercury, zinc
Western Dog Pens	None
Eastern Dog Pens	Alpha-chlordane, gamma-chlordane, dieldrin
DOE Disposal Box	None

Note:
[a] The Ra/Sr Treatment Systems area is inclusive of DSS 2.

1.5 Remedial Design Summary

The remedial design for the DOE areas was documented in the *Remedial Design/Remedial Action Work Plan* (RD/RAWP) (2010b). As discussed above, the selected remedy relies on institutional controls (i.e., groundwater monitoring, land-use controls, contingent remediation) to protect human health and the environment. Thus, the remedy relies on non-engineered instruments and procedures to implement the response action. As documented in the RD/RAWP, these non-engineered instruments and procedures included:

- Requirements for groundwater monitoring including the monitoring locations, well installation procedures, analytes to be monitored, methods to determine site background and baseline conditions, and decision processes used to evaluate the monitoring data
- Physical monument installation to mark where land-use restrictions are located
- Recording an environmental covenant restricting land use
- An SMP addressing the long-term management of soil with residual contamination
- Annual inspections to ensure compliance with the land use and other requirements; this requirement is contained in the Covenant

Design drawings and an inspection at the conclusion of construction were not a requirement of the ROD or RD/RAWP.

1.6 Record of Decision Amendments

No ROD amendments, explanation of significant differences, or technical impractability waivers were required.

2.0 Construction Activities and Implementation of Institutional Controls

The construction activities were completed in 2011 and the land-use Covenant was completed in 2014. No contingent remediation has been constructed. Construction activities associated with groundwater monitoring consisted of installing six new wells and anti-tampering plates on all 12 wells in the DOE areas monitoring program. Specific details of these activities are discussed below.

2.1 Groundwater Monitoring System

The DOE areas monitoring well system consists of nine monitoring wells and two background monitoring wells (Figure 3). Well construction details for the DOE groundwater monitoring system are shown in Table B-1 (Appendix B). To implement the groundwater monitoring plan developed in the RD/RAWP (DOE 2010b), five new monitoring wells (UCD1-068 through UCD1-072) and one new prospective background monitoring well (UCD1-073) were constructed by DOE. In addition, four existing site monitoring wells (UCD1-013, UCD1-021, UCD1-023, and UCD1-054) and two existing background monitoring wells (UCD1-018 and UCD1-063) were used. Construction details including casing materials, screen slot size, sand pack, and material intervals are recorded on the well logs provided in Appendix B. Well UCD1-073 has been eliminated from the groundwater monitoring program because it did not meet the qualifications of a background well.

Between January 4 and January 11, 2011, Gregg Drilling LLC of Martinez, California, installed wells UCD1-068, UCD1-069, UCD1-070, UCD1-071, UCD1-072, and UCD1-073 under the direction of Weiss Associates (Weiss). Eight-inch-diameter boreholes were installed at all six locations using a hollow-stem auger drill rig. The wells are approximately 70 feet deep and screened between approximately 55 feet and 70 feet below ground surface (bgs) (Table B-1).

Surface completions for wells UCD1-068, UCD1-069, UCD1-071, and UCD1-072 are flush-mounted steel vaults set in concrete. Wells UCD1-070 and UCD1-073 have 8-inch-square stovepipe completions standing 3 feet above the ground surface and surrounded by protective bollards. Photographs of well UCD1-069 (surface completion) and well UCD1-070 (above-grade completion) are shown below.

Typical surface completion of monitoring well showing well identification plate on top surface

Typical above-grade completion of monitoring well

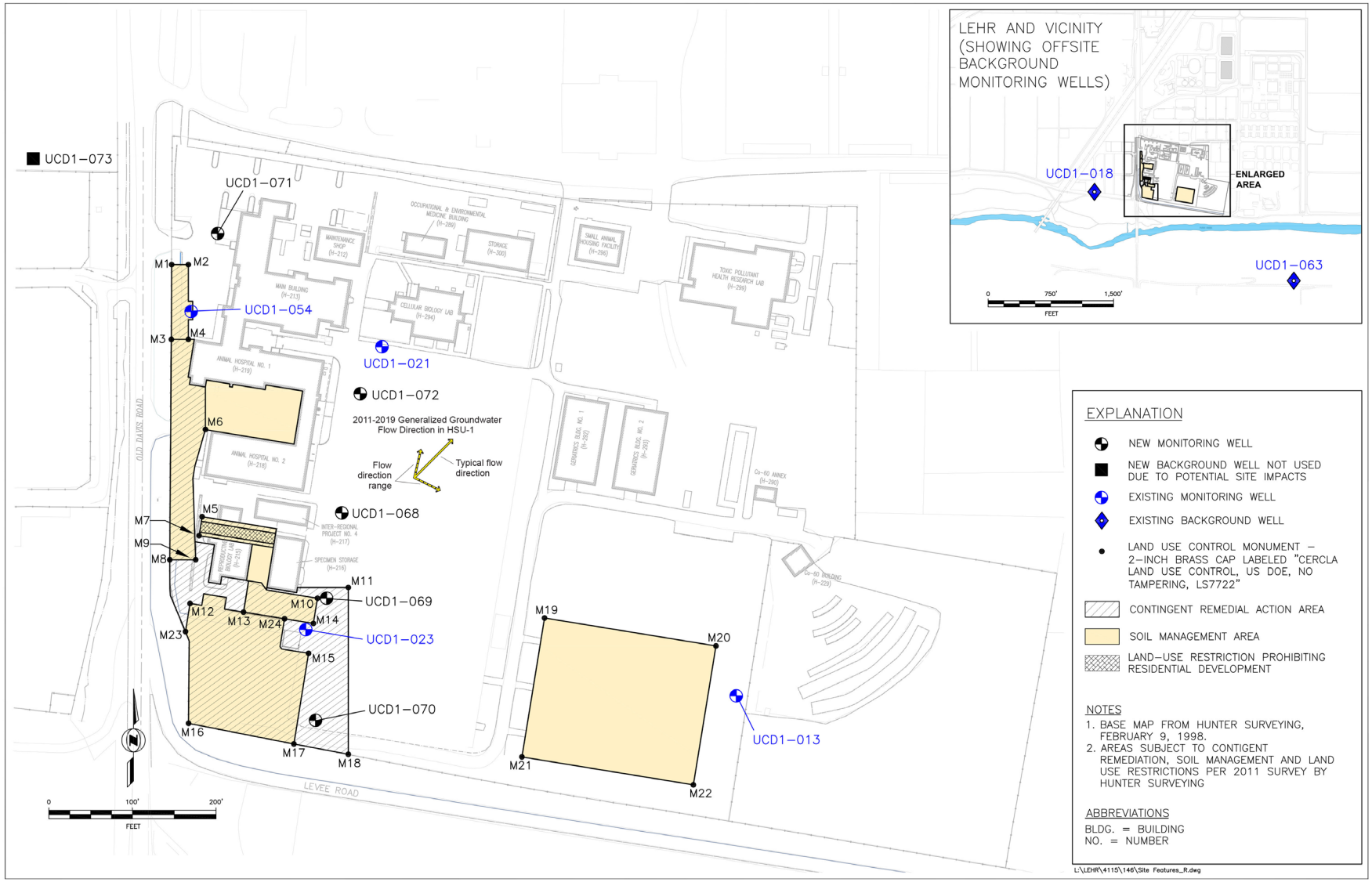

Figure 3. Monitoring Well and Land-Use Control Monument Locations, UC Davis, Solano County, California

Between January 12 and January 20, 2011, Gregg Drilling LLC developed wells UCD1-068 through UCD1-073 under the direction of the Weiss field geologist and hydrogeologist.

During well development at well UCD1-068, a light gray-colored material presumed to be cement grout was noted in the purge water and soft material was encountered 3 feet above the base of the well. The field geologist and hydrogeologist concluded it was likely that the cement grout from the surface seal had permeated through the bentonite seal and entered the well screen. On January 14, 2011, Gregg Drilling LLC destroyed the well and re-installed well UCD1-068, 9 feet to the south of the original location. As shown on Figure 3, well UCD1-068 is located immediately northeast (downgradient) of DSS 4 and the southernmost extent of the Ra/Sr Treatment Systems area as planned in the RD/RAWP.

Investigation-derived waste (i.e., soil cuttings and groundwater produced during well development) generated from drilling and well development activities were managed according to the Waste Management Plan (Weiss 2010b). On January 21, 2011, Weiss collected samples from the decontamination water and purge water generated during drilling and well development activities. On January 25–26, 2011, Weiss collected composite soil samples from the cuttings generated during drilling activities. TestAmerica Laboratories of Earth City, Missouri, analyzed the water and soil samples for metals, pesticides, volatile organic compounds, semivolatile organic compounds, and petroleum hydrocarbons. GEL Laboratories LLC of Charleston, South Carolina, analyzed the water and soil samples for radiological parameters. Upon receipt of the analytical reports, Weiss's project chemist validated the results according to the *Quality Assurance Project Plan* (QAPP) (DOE 2010a). The validation results indicated the data were valid and usable for their intended purpose of waste characterization.

Radiological results for the investigation-derived waste soil was compared to background concentrations and determined to contain no added radioactivity (Table D-1, Appendix D). Chemical results from soil samples were compared to hazardous waste thresholds (Tables C-2, C-3, and C-4, Appendix D). The chemical comparison indicated the soil was nonhazardous and suitable for disposal at a solid waste landfill. On May 10, 2011, Dillard Environmental Services of Byron, California, transported the soil to Recology Hay Road Landfill in Vacaville, California. The landfill is approved by EPA to accept CERCLA waste. Copies of the soil disposal documents, including the confirmation of EPA's approval for the landfill to receive CERCLA waste, are provided in Appendix D.

Wastewater was stored onsite in one of two 5000-gallon storage tanks located in the former Cobalt-60 Irradiation field and used for the UC Davis LEHR water monitoring program. Wastewater sample results were compared to the UC Davis Wastewater Treatment Plant (WWTP) discharge limitations in effect in 2011 (Table E-1, Appendix E). All parameters were below the WWTP limits except copper and thallium. Copper was detected at 1.9 micrograms per liter (µg/L) in both the sample and field duplicate. The concentration of copper in the wastewater samples was below the background groundwater concentration (2.26 µg/L) in well UCD1-018 as of May 3, 2011. Thallium was below the WWTP limit of 2 µg/L in the primary sample, but slightly above the WWTP limit in the field duplicate sample. The average of thallium in the primary and field duplicate samples was below the WWTP limit. The wastewater data were reported to UC Davis and the wastewater was subsequently discharged by UC Davis to the WWTP.

On February 23–24, 2011, Weiss field technicians installed dedicated low-flow bladder-type pumps, tubing, and seals in wells UCD1-013, UCD1-018, UCD1-021, UCD1-023, UCD1-054, UCD1-063, UCD1-068, UCD1-069, UCD1-070, UCD1-071, UCD1-072, and UCD1-073. During pump installation activities, Weiss field technicians attached embossed aluminum identification plates on exterior sides of vault lids and within the vault interiors casing seals at wells UCD1-068, UCD1-069, UCD1-070, UCD1-071, UCD1-072, and UCD1-073.
On December 7 and December 13, 2012, Weiss field technicians attached embossed well identification plates on existing wells UCD1-013, UCD1-018, UCD1-021, UCD1-023, UCD1-054, and UCD1-063. The plates contain a statement that prohibits destruction of, or tampering with, the wells and provides a telephone number to contact for information about the wells. Photographs of the plates on and in well UCD1-054 are shown below.

Typical exterior monitoring well identification plate

Typical interior monitoring well identification plate

On March 8, 2011, Hunter Surveying Inc. surveyed the coordinates and elevations of all 12 wells in the DOE areas monitoring program. A copy of the survey report with a California registered surveyors seal is provided in Appendix C.

In 2017, Weiss replaced the concrete pad at well UCD1-070 as it was cracked and not properly supporting the above-grade well box.

Well UCD1-070 showing well identification plate on top surface and retrofitted concrete pad

2.2 Implementation of Groundwater Monitoring and Data Evaluation

The long-term groundwater monitoring program was implemented in 2011 to ensure that, if contaminants begin to impact groundwater, remedial action will be taken to prevent the degradation of water quality (DOE 2009b). As specified in the RD/RAWP, groundwater monitoring locations were selected in 2011 so that samples collected from the monitoring wells would represent the groundwater quality downgradient of the DOE areas by being close enough detect a release within a few years but distant enough to monitor the entire DOE area. As shown in Figure 3, the generalized groundwater flow direction for the period between 2011 and 2019, based on quarterly monitoring of groundwater levels and interpolation of those levels to the location of the flow direction symbol shown in Figure 3. Based on the typical groundwater flow direction, the monitoring well locations appear to be acceptable for the collection of representative samples under the objectives set forth in the RD/RAWP.

As planned in the RD/RAWP, groundwater samples were collected, and the data evaluated to establish background and baseline conditions and reported in the *Final 2012 Comprehensive Annual Water Monitoring Report* (Weiss 2014). Between 2013 and 2015, annual samples were collected at onsite groundwater monitoring program wells for COCs, monitoring-only constituents (MOCs), and new well constituents (NWCs) and the sample results reported in annual water monitoring reports (Weiss 2016a; Weiss 2016b; Weiss 2016c). Annual groundwater monitoring program data were evaluated each year according to the groundwater monitoring decision process established in the RD/RAWP.

The First Five-Year Review report (DOE 2016b) was completed in 2016 and found that the monitoring well network provides adequate sampling points for assessing potential groundwater impact from the DOE areas. As outlined in the First Five-Year Review report, beginning in 2016, the groundwater monitoring program sampling frequency was changed to biennial for most COCs, MOCs, and NWCs and the Groundwater Monitoring Decision Process was updated. EPA and DTSC approved the First Five-Year Review report in 2018 (EPA 2018b; DTSC 2018b) after an addendum was issued addressing VI (DOE 2018c).

2.3 Land-Use Control Monuments

Between January 31 and February 18, 2011, Hunter Surveying Inc. installed 24 brass monuments and surveyed the boundaries of the DOE land-use control areas and potential future remediation support areas (Figure 2-1). The land-use control monuments and survey data were used to prepare maps and legal descriptions of the boundaries and corners of areas subject to land-use restrictions. The legal descriptions refer to the assessor's parcel and nearest established survey monument. The maps and legal descriptions are included in the Covenant. A photograph of the land-use control monument installed by the surveyor in the southwest corner of the DSS 4 area is shown below.

Typical embossed brass cap for land-use control monument

2.4 Well and Monument Marker Installations

The First Five-Year Review report (DOE 2016b) included a requirement for the installation of new high-visibility markers for land-use control monuments and wells that are not clearly visible to mitigate accidental damage during mowing and other site maintenance activities. On March 1–2, 2017, Weiss installed high-visibility markers adjacent to 15 land-use control monuments (1, 3, 8, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23) and wells UCD1-068, UCD1-069, and UCD1-072 (Figure 3). On November 30, 2018, adhesive signs (i.e., decals as shown below right) were applied to markers at wells UCD1-068, UCD1-069, and UCD1-072. Markers were not installed adjacent to the other nine groundwater monitoring program wells because these wells are visible or protected by bollards or surface vaults in paved areas. Markers were not installed adjacent to land-use control monuments 2, 4, 5, 6, 7, 9, 12, 13, and 24 because these monuments are set in paved areas where they are protected by the surrounding asphalt or concrete and markers would hinder traffic flow. A photograph of markers (below left) installed at well UCD1-069 (center), land-use control monument 10 (foreground left), and land-use control monument 11 (background right) is presented below with a close-up photograph of the signage applied to the marker at well UCD1-069 (below right).

Well and land-use monument markers in former WDPs area (looking northeast)

Signage/decal on monitoring well marker (typical)

2.5 Implementation of Institutional Controls

2.5.1 Environmental Covenant

An environmental covenant was recorded with the County of Solano on July 11, 2014 (Solano County 2014) (included in Appendix C of this report). The Covenant contains the following requirements:

- Access must be granted for the purpose of DOE's operation and maintenance of the remedy, including collecting samples and maintaining groundwater monitoring wells identified on Figure 3 of this report.
- Non-interference with groundwater monitoring wells; including written approval by DTSC if the monitoring well system is modified.
- Disturbance of soil must comply with the SMP in the DOE areas listed in Table 3 of this report, except areas where No Action or No Further Action was identified in the ROD.
- Residential use, use for day care for children, and cultivation of crops for human consumption are prohibited in the DSS 4 area.
- EPA and DTSC shall have reasonable right-of-entry and access to the property for periodic inspections to ensure compliance with land-use restrictions.

DOE is responsible for the implementation and enforcement of the environmental Covenant.

2.5.2 Soil Management Plan

A SMP was developed as part of the RD/RAWP. The First Five-Year Review report (DOE 2016b) identified that the SMP did not address the management of downed trees. A revised SMP addressing tree and vegetation management was completed by DOE in 2019 (DOE 2019b).

2.6 Construction and Work Plan Deviations

The only construction change was the relocation of well UCD1-068 due to grout invasion into the well screen as discussed in Section 2.1. There was a work plan deviation for the planned use of well UCD1-073 as a background well. After the well was installed, it was noted that the groundwater gradient in the area of this well suggested that groundwater could possibly flow from the Site to well UCD1-073. Given this possibility, well UCD1-073 has not been used as a background well and is no longer monitored.

The First Five-Year Review report (DOE 2016b) included a finding that the VI exposure pathway was not adequately evaluated in the human health risk assessment on which the remediation goals in the ROD are based. To address this issue, DOE prepared a *Vapor Intrusion Evaluation Work Plan* (DOE 2017b) and conducted a VI evaluation in the DOE areas in 2017 and 2018. The results of the evaluation were presented in the *Final Vapor Intrusion Evaluation Report* (Final VI Report) (DOE 2018b). The conclusion of the Final VI Report was that the human health risk from the VI exposure pathway in the DOE areas was acceptable. EPA and DTSC issued approval letters (EPA 2018a; DTSC 2018a) of the report before it was finalized. Based on the findings of the Final VI Report, DOE issued an Addendum to the First Five-Year

Review report (DOE 2018c) stating that the remedy at the DOE areas of the Site is protective of human health and the environment. EPA and DTSC issued letters (EPA 2018b; DTSC 2018b) documenting their concurrence with the addendum and agreement that the remedy is protective. EPA's protectiveness statement in their letter dated October 25, 2018 (EPA 2018b), was, "The remedy at the DOE Areas of LEHR is protective of human health and the environment. Land-use restrictions are in place to prevent exposure to contaminated soil. There is no exposure to groundwater."

The First Five-Year Review report (DOE 2016b) concluded that no specific procedures were in place for dealing with downed trees and associated soil in restricted areas. As discussed above, a revised SMP addressing tree and vegetation management was completed by DOE in 2019.

The First Five-Year Review report (DOE 2016b) recommended sampling frequency reductions for 46 of 72 well-specific constituents in the groundwater monitoring program and provided an updated decision process for triggering remedial technology evaluations. The sampling frequency reductions and updated decision process were implemented in 2016 (Weiss 2017).

3.0 Chronology of Events

Remedial action implementation at the Site included:

- Installing monitoring wells and land-use control monuments
- Installing monitoring well identification plates and markers
- Surveying all monitoring well and land-use control monument locations (tied to permanent reference benchmarks)
- Implementing the groundwater monitoring program
- Implementing land-use controls
- Conducting the five-year review

A chronology of the events conducted to implement the remedial action is provided in Table 5.

Table 5. Timeline of Events Relevant to Remedial Action Implementation

Events	Date	Reference
ROD signed by DOE and EPA	December 10, 2009	DOE 2009b
QAPP issued	October 2010	DOE 2010a
RD/RAWP and SMP issued	November 2010	DOE 2010b
Monitoring wells installed and developed	January 2011	Weiss field records
Land survey complete; monuments installed	January and February 2011	Solano County 2014
Identification plates installed at monitoring wells	February 2011 and December 2012	DOE 2013
Background and baseline groundwater condition established	March 2011–December 2012	Weiss 2013; Weiss 2014
Groundwater monitoring program implemented	Ongoing since March 2011	Weiss 2013; Weiss 2014; Weiss 2016a; Weiss 2016b; Weiss 2016c; Weiss 2017; Weiss 2018; Weiss 2019
Land-use covenant inspections and soil management program implemented	Ongoing since March 2012	DOE 2013; DOE 2014; DOE 2015; DOE 2016a; DOE 2017a; DOE 2018a; DOE 2019a
Land-use covenant recorded	July 2014	Solano County 2014
First Five-Year Review report	September 2016	DOE 2016b
Markers installed at monitoring wells and land-use control monuments	March 2017	DOE 2018a
Final vapor intrusion evaluation report	July 2018	DOE 2018b
Addendum to First Five-Year Review report	July 2018	DOE 2018c

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4.0 Quality Control

Remedial action quality control items included construction quality, data quality, and inspection or verification. All activities were performed in accordance with the approved QAPP and the Construction Quality Assurance Plan in Appendix H of the RD/RAWP (DOE 2010b), as discussed below.

4.1 Construction Quality

Construction quality control was implemented according to the specifications of the Construction Quality Assurance Plan in Appendix H of the QAPP. The items constructed or installed at the Site included groundwater monitoring wells, survey monuments, well identification plates, and markers.

4.1.1 Well Construction

Wells UCD1-068 through UCD1-073 were installed according to standard operating procedure (SOP) 8.1, "Monitoring Well Installation" (DOE 2010a). Hollow-stem auger drilling was used to advance 8-inch-diameter boreholes and install 2-inch-diameter casing to approximately 70 feet bgs at the six wells. Soil samples were collected from the borings and logged according to SOP 3.2, "Subsurface Soil Sampling While Drilling" and SOP 15.1, "Lithologic Logging" (DOE 2010a). Discreet soil samples were collected at 5-foot intervals from the surface to 45 feet bgs and continuous core samples were collected below 45 feet bgs.

All the drilling locations were outside the areas subject to requirements of the SMP. Thus, a soil disturbance permit was not required for soil brought to the surface during drilling. Disposal of well installation waste soil is documented in Section 2.1.

Construction details for wells UCD1-068 through UCD1-073 are shown on well logs provided in Appendix B. The wells were designed and installed under direction of Weiss's field geologists Rob Davis and William McConihe, working under the supervision of California-registered professional geologist, Bob Devany. As specified in the Construction Quality Assurance Plan (Appendix H, RD/RAWP), the well casings and screens consisted of threaded 2-inch-diameter Schedule-40 polyvinyl chloride pipe. Well screens extend from 55 to 70 feet bgs, except well UCD1-069, screened from 54 to 70 feet bgs. The screen slot size was 0.01 inch and the sand pack was #2/16 based on the soil types encountered and in accordance with SOP 16.1, "Filter Pack and Well Screen Slot Size Determination" (DOE 2010a).

The annular space surrounding each well screen was filled with sand filter pack to at least 2 feet above the screened interval. Three-foot-thick seals, consisting of hydrated bentonite chips, were placed above the filter pack. Bentonite chips were manually hydrated during seal installation at wells UCD1-068 and UCD1-070 because their seals were above the water table. Manual seal hydration was accomplished by adding water after placement of each 4-inch-thick bentonite lift. Bentonite hydration was not necessary for wells UCD1-069, UCD1-071, UCD1-072, and UCD1-073 because the seals were below the saturated zone. Neat Portland cement with 5% bentonite was installed from the top of each bentonite seal to ground surface (stovepipe completion) or vault base (flush-mount completion).

Wells UCD1-068, UCD1-069, UCD1-071, and UCD1-072 were completed at the surface with traffic-rated flush-mounted steel vaults set in concrete. Wells UCD1-070 and UCD1-073 have 8-inch-square steel stovepipe completions standing 3 feet above ground surface, set in concrete footings, and surrounded by four protective bollards. The stove pipe completions have locking lids; the flush lids are bolted to mounts in the vault.

As specified in the Construction Quality Assurance Plan (Appendix H, RD/RAWP), a competent person qualified to inspect newly installed wells (Weiss field geologist Rob Davis) inspected wells UCD1-068 through UCD1-073. Wells UCD1-069 through UCD1-073 passed inspection; well UCD1-068 was rejected due to evidence of a "grout-like" material in the purge water and a "soft material" encountered 3 feet above the base of the well. Well UCD1-068 was overdrilled and filled with neat cement from the bottom (70 feet bgs) to ground surface. The well was re-installed approximately 9 feet south of the original installation. Weiss field geologist William McConihe (also competent and qualified to inspect newly installed wells) inspected and approved the re-installation of well UCD1-068.

Six wells (UCD1-013, UCD1-018, UCD1-021, UCD1-023, UCD1-054, and UCD1-063), installed before the remedial action on the DOE areas, were selected in the RD/RAWP for groundwater monitoring. Well installation dates, construction materials, and screen specifications for the previously installed wells are shown in Table B-1 (Appendix B). The previously installed wells were inspected on March 19–20, 2012, and found to be in good condition (DOE 2013).

4.1.1.1 Well Development

Development activities at wells UCD1-068 through UCD1-073 were overseen by Weiss's field geologists Rob Davis and staff engineer Greg Hulburd, working under the supervision of California-registered professional geologist Bob Devany. More than 24 hours were allowed to elapse between completing the wells and beginning well development to allow concrete and grout to attain sufficient strength. Well development was conducted by surging and pumping.

Development proceeded until the water was free of sediment and stabilization goals were reached. Development was discontinued if more than 10 well volumes were purged and repeated parameter measurements indicated that further development would not yield the stabilization goals. The stabilization goals were:

- Specific conductance: ± 10%
- pH: ± 0.2
- Temperature: ± 0.3 °C
- Turbidity: less than 10 nephelometric turbidity units (NTUs)

The stabilization goals were reached for wells UCD1-068, UCD1-070, UCD1-072, and UCD1-073. Turbidity stabilized above 10 NTUs in wells UCD1-069 and UCD1-071 after more than 10 well volumes and eight consecutive measurements demonstrating the turbidity would not decline with further development. Turbidity levels later stabilized below 10 NTUs in wells UCD1-069 and UCD1-071 based on sampling parameter stabilization measurements collected during groundwater sampling events in 2011. Development data and final stabilization parameter measurements are shown in Table 6.

Table 6. Well Development Data

Well	Installation Completion Date	Development Date	Casing Volume (gal)	Purged Volume (gal)	Final SC (mS/cm)	Final pH	Final Temp (°C)	Final Turbidity (NTU)
UCD1-068	1-14-2011	1-20-2011	4.4	76	1.35	7.88	18.7	7
UCD1-069	1-5-2011	1-12-2011	4.1	115	1.21	7.70	19.9	>800[a]
UCD1-070	1-4-2011	1-13-2011	4.2	90	1.04	7.80	18.8	5
UCD1-071	1-11-2011	1-13-2011	4.3	55	1.62	7.84	18.8	34[a]
UCD1-072	1-7-2011	1-12-2011	4.5	68	1.42	7.73	18.9	9
UCD1-073	1-10-2011	1-20-2011	4.6	74	1.22	7.63	17.7	7

Note:
[a] Turbidity levels later stabilized below 10 NTUs in wells UCD1-069 and UCD1-071, based on stabilization measurements collected during groundwater sampling events in 2011.

Abbreviations:
gal = gallons
mS/cm = millisiemens per centimeter
SC = specific conductance
Temp = temperature

4.1.1.2 Well Identification Plates and Markers

Aluminum anti-tampering/identification plates were attached to vault lids and casing seals of the wells in the DOE areas groundwater monitoring program. The plates were inspected annually beginning in 2012 and were consistently in good condition (DOE 2013; DOE 2014; DOE 2015; DOE 2016a; DOE 2017a; DOE 2018a; DOE 2019a). Some of the cables that connect plates to caps inside the flush-mounted well vaults broke or became weak from corrosion and were replaced.

On March 1–2, 2017, DOE installed new high-visibility markers adjacent to flush-mounted wells UCD1-068, UCD1-069, and UCD1-072 in the WDPs area. The markers were installed to deter accidental damage to monitoring well vaults as required by the First Five-Year Review report (DOE 2016b). Markers were not installed adjacent to the other nine groundwater monitoring wells in the DOE groundwater monitoring program because these wells are visible or protected by bollards.

4.1.2 Land-Use Control Monuments

Brass survey monuments that define the boundaries of the DOE areas subject to land-use controls were inspected annually since 2012 and found to be in good condition, except land-use control monument 19 was not located during an inspection in June 2015, and not recovered in subsequent searches. Loss of the land-use control monument was attributed to a soil disturbance associated with a fallen tree located immediately west of the northwest corner of the former EDPs area. In 2015, the UC Davis grounds crew removed branches from the fallen tree and moved the trunk approximately 15 to 20 feet southeast of its original location. In the process of performing this work, the grounds equipment disturbed a shallow area of soil in the EDPs area at land-use control monument 19 (Figure 3). The volume and depth of this soil disturbance was less than the quantities that would require a permit according to the specifications in the SMP. On

September 29, 2015, Hunter Surveying Inc., a California-licensed land surveyor, re-installed land-use control monument 19 at its previous location.

On March 1–2, 2017, DOE installed new high-visibility markers adjacent to land-use control monuments 1, 3, 8, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23 (Figure 3). The markers were installed to deter accidental damage to land-use control monuments as recommended in the First Five-Year Review report (DOE 2016b). Markers were not installed adjacent to land-use control monuments 2, 4, 5, 6, 7, 9, 12, 13, and 24 because these monuments are located in paved areas where they are protected by the surrounding asphalt or concrete.

4.2 Groundwater Monitoring Data Quality

Groundwater monitoring data were collected according to the procedures and specifications of the RD/RAWP (DOE 2010b) and the quality requirements of the QAPP (DOE 2010a). The RD/RAWP specifies project-specific sample collection procedures, laboratory methods, and data quality objectives (DQOs). The QAPP specifies quality procedures, SOPs, and criteria for precision and accuracy. Data from each group of samples delivered to the laboratory were validated and assessed to determine whether the remedial action DQOs were met. Sample results are required to meet a completeness DQO of 90% per analyte per project. At the time of this report, data validation results for COC, MOC, and NWC were 100% complete for all years (2011 through 2018) of the groundwater monitoring program. Some data were qualified as estimated but none of the data were rejected (incomplete) due to serious deficiencies.

Data that were qualified as estimated and used in groundwater monitoring program decisions were carefully evaluated to determine the likelihood of incorrect decisions. These evaluations were conducted each year on every qualified groundwater monitoring program sample result used in project decisions and the evaluations were presented in the "DOE Monitoring Program Uncertainty" sections in each Annual Water Monitoring Report (Weiss 2013; Weiss 2014; Weiss 2016a; Weiss 2016b; Weiss 2016c; Weiss 2017; Weiss 2018; Weiss 2019).

The annual uncertainty evaluations conducted for the DOE areas groundwater monitoring program concluded acceptable confidence in all decisions made on the data, except:

- In 2015, the laboratory diluted some samples collected for aluminum, molybdenum, and silver analysis without technical justification. Sample dilution raised the detection limits and resulted in unnecessarily uncertain comparisons to background and baseline. Information regarding the specific samples that were diluted, the wells from which the samples were collected, and the evaluation of resulting uncertainty is provided in Section 4.2 of the 2015 Annual Water Monitoring Report (Weiss 2016c).
- In 2016, UC Davis collected a carbon-14 sample at well UCD1-068 for their groundwater monitoring program. Carbon-14 at well UCD1-068 is also a well-specific COC for the DOE areas groundwater monitoring program and is on a biennial sampling frequency established in the First Five-Year Review report (DOE 2016b). The UC Davis result exceeded the background comparison criteria for DOE areas and was a qualified trace concentration. While this sample result met UC Davis groundwater monitoring program DQOs, it did not meet the DOE areas groundwater monitoring program DQOs (high detection limit and uncertainty) and introduced unacceptable confidence in a decision to maintain the established sampling frequency.

Actions taken to address the two decision confidence issues were:

- In 2015, the laboratory contract terms were modified to require achievement of specified contract reporting limits unless dilution is technically justified.
- In 2017, a follow-up sample was collected for carbon-14 at well UCD1-068. The result met project DQOs for DOE areas, was non-detect, and did not exceed background. The follow-up result provided acceptable confidence in maintaining the established sampling frequency for this well-specific COC.

A component of the remedies for the DOE areas is contingent remedial action, which is to be implemented if there is evidence of groundwater impacts from residual contaminants identified in vadose zone soil in some areas. During the first 10 years of groundwater monitoring, contingent remediation has not been required because monitoring data of sufficient quality have not indicated that residual contaminants in vadose zone soil in the DOE areas are being mobilized to underlying groundwater and levels above baseline concentrations and applicable water quality objectives (WQOs). Groundwater sampling results for the monitoring program have been documented in Annual Water Monitoring Reports (Weiss 2013; Weiss 2014; Weiss 2016a; Weiss 2016b; Weiss 2016c; Weiss 2017; Weiss 2018; Weiss 2019) and routinely discussed with the EPA and state regulatory agencies during the reporting period. To date, all parties have agreed that contingent remedial action has not been warranted. To facilitate review of the groundwater monitoring data for the purposes of this RAR, a summary of the monitoring results for well-specific COC and time-series concentration plots are shown in Table F-1 and Attachment F-1, respectively (see Appendix F). As shown in Table F-1, nearly all well-specific COC concentrations are below WQOs except nitrate (as N) in wells UCD1-021 and UCD1-072, which are likely attributable to regional trends unrelated to the DOE areas.

Thus, based on the data quality information presented above and in Section 2.2 and an evaluation of the monitoring data generated to date, DOE concludes that the DOE areas groundwater monitoring program data met or exceeded the established project DQOs established in the ROD and RD/RAWP.

4.3 Quality Control Oversight

As the lead agency for the Site under the FFA, DOE, or a DOE contractor not directly conducting the work, performs periodic site inspections during field events such as groundwater monitoring or land-use controls inspections. Any observed deviations from established procedures or standard industry practice are documented and corrected.

Groundwater monitoring results are reported annually in the annual water monitoring reports (Weiss 2013; Weiss 2014; Weiss 2016a; Weiss 2016b; Weiss 2016c; Weiss 2017; Weiss 2018; Weiss 2019). As part of annual reporting process, an independent expert in groundwater sampling and data interpretation reviews the report for accuracy and completeness, and the draft report is modified according. The results are then reported in the annual water monitoring reports, which are reviewed by representatives of EPA, DTSC, and the CVRWQCB. DOE formally responds to any comments raised by these agencies and modifies the report accordingly.

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5.0 Inspections and Certifications

A summary of the annual land-use inspection findings and health and safety program adherence, as required by the Covenant, are provided below. As discussed in Section 1.4, inspection at the conclusion of construction was not a requirement of the ROD (DOE 2009b) or RD/RAWP (DOE 2010b). Further, the requirement for certification that the remedy is operational and functional is not applicable since the remedy is not based on containment or groundwater and surface water restoration (EPA 2011).

5.1 Inspections

Annual inspections of the DOE areas subject to land-use restrictions, groundwater monitoring system, and land-use controls were conducted, in compliance with the requirements of the Covenant and RD/RAWP. Inspection activities included:

- Inspections of DOE areas subject to land-use restrictions for compliance with requirements of the SMP (DOE 2010b; DOE 2019b).
- Inspections of the DSS 4 area for indications of residential use, use for day care for children, cultivation of crops for human consumption, or a change in land use.
- Annual training to communicate soil management requirements to appropriate units performing or contracting work.
- Inspecting and documenting the condition of groundwater monitoring program wells and their attached anti-tampering plates.
- Locating and documenting the condition of monuments that define the DOE areas subject to land-use restrictions (termed land-use control monuments in this report).

The results of the annual inspections indicated that all soil-disturbing activities in the DOE areas subject to land-use restrictions complied with the requirements of the SMP. Minor soil disturbances such as burrowing animal holes and maintenance work associated with a fallen tree were observed and recorded, but the volume and depth of these disturbances were less than the quantities that would require a permit according to the specifications in the SMP. Maintenance items such as damaged or worn out land-use control monuments, well pumps, wellheads, or anti-tampering plates were identified during inspections and repairs were documented. The inspections were reported in the annual land-use covenant inspection reports (DOE 2013; DOE 2014; DOE 2015; DOE 2016a; DOE 2017a; DOE 2018a; DOE 2019a).

5.2 Health and Safety

Remedial action activities were performed in accordance with the project health and safety plan (Weiss 2010a). All work was completed without incident.

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6.0 Operation and Maintenance Activities

Operation and maintenance activities at the DOE areas were conducted according to the procedures specified in the RD/RAWP. These activities consist of groundwater monitoring, inspecting and maintaining groundwater monitoring wells and land-use restriction features, and conducting ongoing training for and implementation of the SMP (DOE 2019b).

6.1 Monitoring Program

Long-term groundwater monitoring is a remedial action component for the Ra/Sr Treatment Systems, DSS 3, DSS 4, Dry Wells A–E, and SWT areas to verify that residual contaminants in soil are not impacting groundwater at the Site. The groundwater monitoring program is conducted in accordance with the RD/RAWP, the First Five-Year Review report (DOE 2016b), and input from the LEHR Project Team.

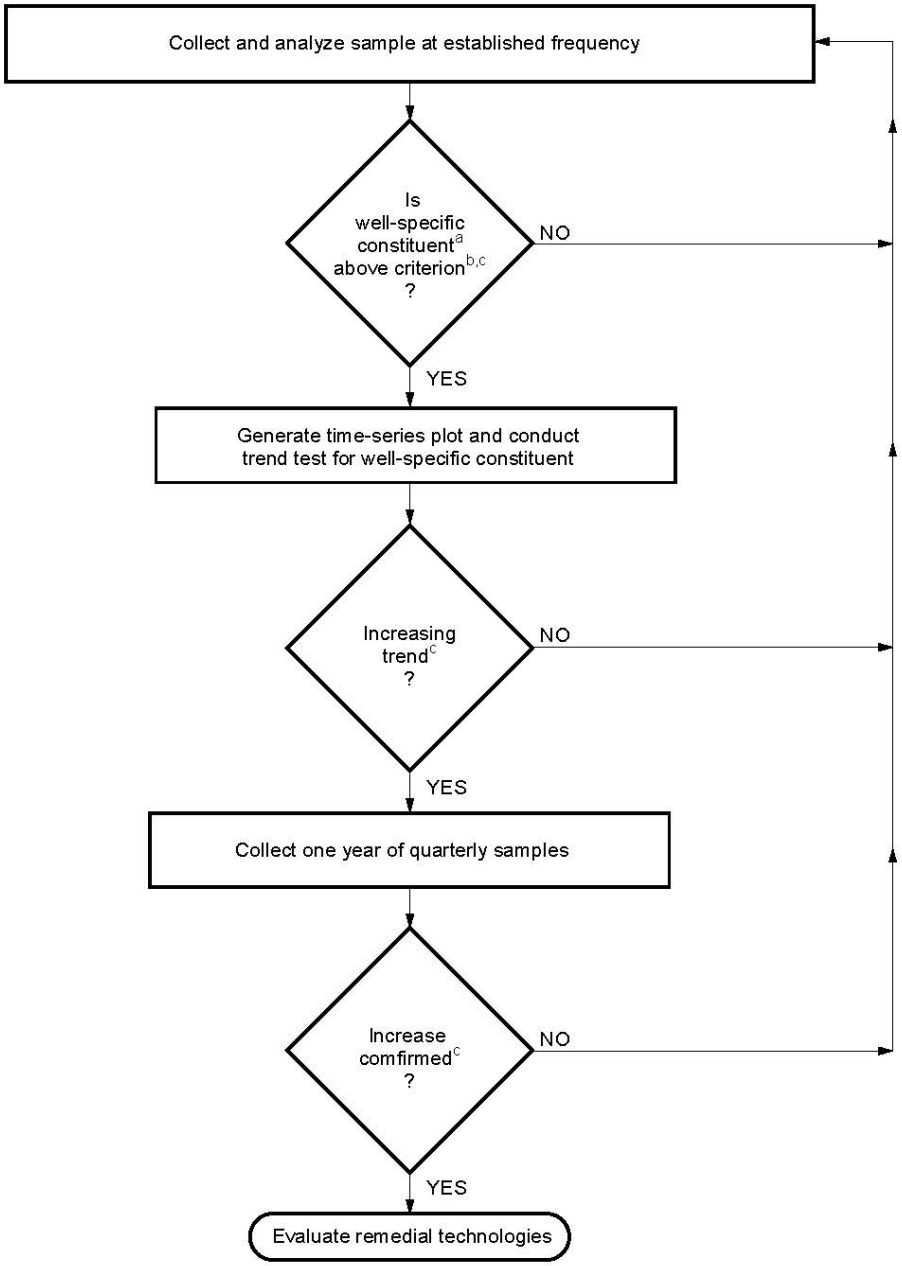
At the time of this report, groundwater samples are collected from nine wells (UCD1-013, UCD1-021, UCD1-023, UCD1-054, UCD1-068, UCD1-069, UCD1-070, UCD1-071, and UCD1-072) located downgradient of the DOE areas (Figure 3). Groundwater background sampling is conducted at wells UCD1-018 and UCD1-063.

Groundwater samples are currently collected for three categories of analytes: COCs, MOCs, and NWCs.

- **COCs** are constituents that were identified in the SWRA (Weiss 2005) based on their presence in soil at levels statistically above background at concentrations contributing to human health cancer risks above 1 in 1 million and their potential to impact groundwater at concentrations above background levels.
- **MOCs** were identified in the SWRA as constituents that should be included in a site monitoring plan; these compounds were identified as having a very low, but possible, potential to impact groundwater in the future.
- **NWCs** are compounds that are potentially present above background levels in wells UCD1-068 through UCD1-072 based on full-suite analyses performed on samples collected from wells installed in 2011.[1]

COCs, MOCs, and NWCs are well-specific as shown in Table 7. The current monitoring program decision process is presented on Figure 4. In accordance with this process, groundwater monitoring data are evaluated annually and documented in an annual water monitoring report which is jointly prepared by DOE and UC Davis and reviewed by EPA, DTSC, and CVRWQCB. The groundwater sampling program will be re-evaluated during the Five-Year Review report scheduled for completion in late 2020.

[1] Note that NWCs are not part of the remedial action, but were added to the monitoring program as requested by EPA in comments on the draft RD/RAWP and agreed by DOE (DOE 2010c); this happened after the ROD was issued.



Notes:

a. Inclusive of constituents of concern, monitoring-only constituents, and new well constituents.

b. Criterion is background if baseline is below background; otherwise criterion is baseline. Background and baseline were established in 2012 (Weiss 2014).

c. The following may be conducted to confirm the well-specific constituent is above the criterion and/or the trend is increasing:

- Data uncertainty evaluation
- Resampling
- Reevaluation of background (which may include sampling background wells)

Figure 4. Groundwater Monitoring Decision Process

Table 7. DOE Areas Well-Specific Constituents

Monitoring Wells	Area Monitored	Radiological Analytes							Chemical Analytes																		Electrical Conductivity
		Americium-241	Gross Beta	Carbon-14	Cesium-137	Radium-226	Strontium-90	Uranium-238	1,1-Dichloroethane	alpha-Chlordane, gamma-Chlordane, Dieldrin	Aluminum	Benzene	Chloroform	Chromium (hexavalent)	Chromium (total)	Formaldehyde	Mercury	Iron	Manganese	Molybdenum	Nickel	Nitrates (as nitrogen)	Selenium	Silver	Zinc	
UCD1-013	Eastern Dog Pens	---		---	---	---	---	---	---	MOC	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	MOC
UCD1-021	DSS 5 and Ra/Sr Treatment System	MOC	---	COC	---	COC	---	---	---	---	MOC	---	---	---	---	---	---	---	---	---	---	COC	---	---	---	MOC
UCD1-023	Southwest Trenches	---	---	COC	---	---	---	---	---	---	---	---	---	---	---	---	MOC	---	---	---	---	COC	---	---	MOC	MOC
UCD1-054	Dry Wells A–E Area	---	---	---	COC	---	COC	---	---	---	---	---	---	COC	COC	---	COC	---	---	COC	---	---	---	COC	---	MOC
UCD1-068	DSS 4 and Ra/Sr Treatment System	MOC	NWC	COC	---	COC	---	NWC	---	---	MOC	---	NWC	NWC	MOC	NWC	---	---	---	---	MOC	COC	COC	---	---	MOC
UCD1-069	DSS 3	---	NWC	NWC	---	---	---	NWC	NWC	---	MOC	---	NWC	---	---	COC	---	NWC	NWC	COC	---	COC	---	MOC	---	MOC
UCD1-070	Southwest Trenches	---	NWC	COC	---	---	---	NWC	---	---	---	---	---	---	---	---	MOC	---	---	---	---	COC	---	---	MOC	MOC
UCD1-071	Dry Wells A-E Area and DSS 1	---	NWC	---	COC	---	COC	NWC	---	---	MOC	NWC	---	COC	COC	---	COC	---	NWC	COC	---	---	---	COC	---	MOC
UCD1-072	DSS 6 and Ra/Sr System	MOC	NWC	COC	---	COC	---	NWC	---	---	MOC	---	NWC	NWC	NWC	NWC	---	---	---	---	---	COC	---	---	---	MOC

Abbreviation:
--- = constituent not monitored in this well

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6.2 Remediation Goals

The remediation goals for the protection of human health and groundwater in the DOE areas are shown in Tables 1 and 2, respectively.

Residual contamination in the DOE areas soil does not pose a risk to human health and the environment while land-use restrictions are functional. The land-use restrictions will remain as long as residual contamination in the DOE areas poses a human health risk if brought to the surface (Solano County 2014). Contaminated soil in the DOE areas is managed according to the procedures specified in the SMP. Groundwater will be monitored until it can be shown that the residual contamination in soil no longer poses a threat to water quality.

6.3 Maintenance

Inspections of groundwater monitoring wells, well identification plates, land-use control monuments, and the DOE areas subject to land-use restrictions are conducted at least once per year and reported in annual land-use covenant inspection reports (DOE 2013; DOE 2014; DOE 2015; DOE 2016a; DOE 2017a; DOE 2018a; DOE 2019a). Maintenance activities such as well repairs are also documented in the inspection reports.

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7.0 Contact Information

Contact information for the remedial project managers, agency representatives, and major contractors is shown in Table 8.

Table 8. Project Contacts

Name	Organization	Telephone/Email	Address
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John Bystra	DTSC	(916) 255-3669 jbystra@dtsc.ca.gov	8800 Cal Center Drive Sacramento, CA 95826
Bob Devany	Weiss Associates	(510) 450-6144 rod@weiss.com	2000 Powell Street, Suite 555 Emeryville, CA 94608
Holly Hadlock	EPA	(415) 972-3171 hadlock.holly@epa.gov	75 Hawthorne Street, SFD-7-2 San Francisco, CA 94105
Hope Schmeltzer	University of California Office of General Counsel	(510) 987-0392 hope.schmeltzer@ucop.edu	1111 Franklin Street Oakland, CA 94607
Rachel Lauesen	UC Davis	(530)752-9184 rllauesen@ucdavis.edu	Safety Services One Shields Ave., Davis, CA 95616
Durin Linderholm	CVRWQCB	(916) 464-4657 durin.linderholm@waterboards.ca gov	11020 Sun Center Drive, #200 Rancho Cordova, CA 95670
Jeffrey Murl	DOE, Office of Legacy Management	(720) 880-4348 jeffrey.murl@lm.doe.gov	11035 Dover Street, Suite 600 Westminster, CO 80021
Chris Wright	UC Davis	(530) 752-3044 cvwright@ucdavis.edu	Safety Services One Shields Ave., Davis, CA 95616

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Appendix A

Non-Time Critical Removal Actions Waste Tracking Summary Data

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Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0001	55 gal drum	~40% Absorbed Water, 40% PPE	4/2/1998	Ra/Sr Area 2	6.0	transferred	NA	NA	NA	NA	NA	Waste designation pending analytical data; Red Box. 11/16/01: Contents transferred to LEHR0003 for disposition at Hanford.
0002	55 gal drum	Absorbed Water	4/2/1998	Ra/Sr Area 2	6.8	transferred	NA	NA	NA	NA	NA	Waste designation pending analytical data; Red Box. 11/16/01: Contents transferred to LEHR003 for disposition at Hanford.
0003	B-12 box	50% Wood, 24% PPE, 20% absorbed H2O, 5% void filler, 1% sludge	4/2/1998	Ra/Sr Area 2	24.0	TRUE	9/9/2002	NA	LEHR-02-01	NA	Hanford	Transferred from Red Box
0004	B-12 box	95% Wood, 4% void filler, 1% absorbent	4/2/1998	Ra/Sr Area 2	48.0	TRUE	9/9/2002	NA	LEHR-02-01	NA	Hanford	Transferred from Red Box
0005	55 gal drum	50% Biowaste/Stabilizer/Lime, 15% Glass/Plastic, 5% PPE, 15% Absorbent, 15%	6/12/1998	Legacy	7.5	TRUE	8/3/1998			19872050	Hanford	Arrived at Hanford 8/5/98
0006	55 gal drum	55% (Plastic cell harvester), 30% Void space filler, 15% PPE	6/12/1998	Legacy	7.5	TRUE	8/3/1998			19872050	Hanford	Arrived at Hanford 8/5/98
0007	Stock pile	Soil	6/3/1998	SWT RA	202.5	TRUE	9/22/1999	92141, 92143			Kettleman Hills	Area, 10' x 10' centered at W2S8, 0-2' bgs. Shipment # for 0007,0008,0012 is first manifest number. Shipped under manifest No. 92141 and 92143.
0008	Stock pile	Soil	6/4/1998	SWT RA	297.0	TRUE	9/22/1999	92141, 92143			Kettleman Hills	Shipment # is first manifest number. Shipped under manifest No. 92141 and 92143.
0009	Stock pile	Soil	6/5/1998	SWT RA	1701.0	TRUE	9/21/1999	92120, 99126 +			Safety Kleen, Aragonite Facility	Shipped under manifest No. 92120, 99126, 92128, 92122, 92132, 92134, 92124, 92138, 92140, 92142, 92136. Destroyed between 9/21/99 - 11/3/99.
0010	Stock pile	Soil	6/8/1998	SWT RA	1701.0	TRUE	9/21/1999	92120, 99126 +			Safety Kleen, Aragonite Facility	Shipped under manifest No. 92120, 99126, 92128, 92122, 92132, 92134, 92124, 92138, 92140, 92142, 92136. Destroyed between 9/21/99 - 11/3/99.
0011	Stock pile	Soil	6/8/1998	SWT RA	2565.0	TRUE	9/21/1999	92120, 99126 +			Safety Kleen, Aragonite Facility	Shipped under manifest No. 92120, 99126, 92128, 92122, 92132, 92134, 92124, 92138, 92140, 92142, 92136. Destroyed between 9/21/99 - 11/3/99.
0012	Stock pile	Soil	6/11/1998	SWT RA	351.0	TRUE	9/22/1999	92141, 92143			Kettleman Hills	Shipment # is first manifest number. Shipped under manifest No. 92141 and 92143.
0013	B-25 box	Soil, gravel, bones	7/16/1998	SWT RA	53.0	TRUE	9/29/1998		4006-01-008		Envirocare of Utah	
0014	B-25 box	Soil, gravel, bones, plastic	7/16/1998	SWT RA	72.0	TRUE	9/30/1998		4006-01-010		Envirocare of Utah	
0015	B-25 box	Soil < 10% debris	7/16/1998	SWT RA	72.0	TRUE	9/21/1998		4006-01-003		Envirocare of Utah	
0016	B-25 box	Soil < 10% debris	7/17/1998	SWT RA	67.0	TRUE	9/21/1998		4006-01-003		Envirocare of Utah	
0017	B-25 box	Soil < 10% debris	7/17/1998	SWT RA	62.0	TRUE	9/21/1998		4006-01-003		Envirocare of Utah	
0018	B-25 box	Soil < 10% debris	7/17/1998	SWT RA	72.0	TRUE	9/21/1998		4006-01-003		Envirocare of Utah	
0019	B-25 box	Soil < 10% debris	7/17/1998	SWT RA	58.0	TRUE	9/21/1998		4006-01-003		Envirocare of Utah	
0020	B-25 box	Soil < 10% debris	7/17/1998	SWT RA	62.0	TRUE	9/21/1998		4006-01-003		Envirocare of Utah	
0021	B-25 box	Soil < 10% debris	7/17/1998	SWT RA	62.0	TRUE	9/21/1998		4006-01-003		Envirocare of Utah	
0022	B-25 box	Soil, gravel, syringes, bones, wood (LFI)	7/17/1998	SWT RA	92.0	TRUE	2/3/1999		4006-01-011		Envirocare of Utah	Added waste from 0029 and 0024 and poly sheeting on 11/20/98
0023	B-25 box	Soil, gravel, syringes, > 10% debris	7/17/1998	SWT RA	67.0	TRUE	2/3/1999		4006-01-011		Envirocare of Utah	
0024	B-25 box	Soil, gravel, syringes, bones, > 10% debris	7/17/1998	SWT RA		transferred	NA	NA	NA	NA	NA	Contents transferred to 0022 and 0286 on 11/19/98
0025	B-25 box	Soil, gravel, syringes, wood, > 10% debris	7/20/1998	SWT RA	67.0	TRUE	2/3/1999		4006-01-011		Envirocare of Utah	
0026	B-25 box	Soil, gravel, syringes, wood, > 10% debris	7/20/1998	SWT RA	58.0	TRUE	2/3/1999		4006-01-011		Envirocare of Utah	
0027	B-25 box	Soil, gravel, syringes, wood, > 10% debris	7/20/1998	SWT RA	62.0	TRUE	2/3/1999		4006-01-011		Envirocare of Utah	
0028	B-25 box	Soil, gravel, syringes, > 10% debris	7/20/1998	SWT RA	53.0	TRUE	2/3/1999		4006-01-011		Envirocare of Utah	
0029	B-25 box			SWT RA		transferred	NA	NA	NA	NA	NA	Contents transferred to 0022 and 0033 and 0039 on 11/19/98
0030	B-25 box	Soil, gravel, syringes, > 10% debris	7/20/1998	SWT RA	58.0	TRUE	2/3/1999		4006-01-011		Envirocare of Utah	
0031	B-25 box	Soil, gravel, bones, syringes, > 10% debris	7/20/1998	SWT RA	92.0	TRUE	2/4/1999		4006-01-012		Envirocare of Utah	Filled from 0035 and added PPE on 11/19/98
0032	B-25 box	Soil, gravel, syringes, bones, > 10% debris	7/20/1998	SWT RA	92.0	TRUE	2/4/1999		4006-01-012		Envirocare of Utah	Filled from 0034 and added PPE on 11/19/98
0033	B-25 box	Soil, gravel, > 10% debris	7/20/1998	SWT RA	92.0	TRUE	2/4/1999		4006-01-012		Envirocare of Utah	Filled from 0029 and 0034 on 11/19/98
0034	B-25 box			SWT RA		transferred	NA	NA	NA	NA	NA	Contents transferred to 0032 and 0033 on 11/19/98
0035	B-25 box			SWT RA		transferred	NA	NA	NA	NA	NA	Contents transferred to 0031 on 11/19/98
0036	B-25 box	Soil, gravel, syringes, > 10% debris	7/20/1998	SWT RA	58.0	TRUE	2/4/1999		4006-01-012		Envirocare of Utah	
0037	B-25 box	Soil, gravel, syringes, > 10% debris	7/20/1998	SWT RA	58.0	TRUE	2/4/1999		4006-01-012		Envirocare of Utah	
0038	B-25 box	Soil, gravel, syringes, > 10% debris	7/21/1998	SWT RA	53.0	TRUE	2/4/1999		4006-01-012		Envirocare of Utah	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0039	B-25 box	Soil, gravel, syringes, wood, > 10% debris	7/21/1998	SWT RA	92.0	TRUE	2/5/1999		4006-01-013		Envirocare of Utah	Filled from 0029 on 11/19/98
0040	B-25 box	Soil, gravel, syringes, wood, bones, > 10% debris	7/21/1998	SWT RA	62.0	TRUE	9/30/1998		4006-01-010		Envirocare of Utah	
0041	B-25 box	Soil, gravel, syringes, wood, bones, > 10% debris	7/21/1998	SWT RA	62.0	TRUE	9/30/1998		4006-01-010		Envirocare of Utah	
0042	B-25 box	Soil, gravel, syringes, wood, bones, > 10% debris	7/21/1998	SWT RA	62.0	TRUE	9/30/1998		4006-01-010		Envirocare of Utah	
0043	B-25 box	Soil, gravel, syringes, wood, bones, > 10% debris	7/21/1998	SWT RA	58.0	TRUE	9/30/1998		4006-01-010		Envirocare of Utah	
0044	B-25 box	Soil, gravel, syringes, wood, bones, > 10% debris	7/21/1998	SWT RA	62.0	TRUE	9/30/1998		4006-01-010		Envirocare of Utah	
0045	B-25 box	Soil, gravel, syringes, wood, bones, > 10% debris	7/21/1998	SWT RA	86.4	TRUE	9/30/1998		4006-01-010		Envirocare of Utah	
0046	B-25 box	Soil, gravel, syringes, wood, bones, PPE > 10% debris	7/21/1998	SWT RA	86.4	TRUE	9/30/1998		4006-01-009		Envirocare of Utah	
0047	B-25 box	Soil, gravel, syringes, wood, bones, PPE > 10% debris	7/21/1998	SWT RA	77.0	TRUE	9/30/1998		4006-01-009		Envirocare of Utah	
0048	B-25 box	Soil, gravel, syringes, wood, bones > 10% debris	7/21/1998	SWT RA	72.0	TRUE	9/30/1998		4006-01-009		Envirocare of Utah	
0049	B-25 box	Soil, gravel, syringes, wood, bones, PPE > 10% debris	7/21/1998	SWT RA	82.0	TRUE	9/30/1998		4006-01-009		Envirocare of Utah	
0050	B-25 box	Soil, gravel, syringes, wood, bones > 10% debris	7/21/1998	SWT RA	86.4	TRUE	9/30/1998		4006-01-009		Envirocare of Utah	
0051	B-25 box	Soil, gravel, syringes, wood, bones, PPE > 10% debris	7/21/1998	SWT RA	67.0	TRUE	9/29/1998		4006-01-008		Envirocare of Utah	
0052	B-25 box	Soil, gravel, syringes, wood, bones > 10% debris	7/22/1998	SWT RA	91.0	TRUE	9/29/1998		4006-01-008		Envirocare of Utah	
0053	B-25 box	Soil, gravel, syringes, wood, bones > 10% debris	7/22/1998	SWT RA	72.0	TRUE	9/29/1998		4006-01-008		Envirocare of Utah	
0054	B-25 box	Soil, gravel, syringes, wood, bones, PPE > 10% debris	7/23/1998	SWT RA	94.0	TRUE	9/21/1999		4006-01-026	105141	Envirocare of Utah	
0055	B-25 box	Soil, gravel > 10% debris	7/23/1998	SWT RA	67.0	TRUE	9/21/1999		4006-01-026	105141	Envirocare of Utah	
0056	B-25 box	Soil, gravel, plastic > 10% debris	7/23/1998	SWT RA	93.0	TRUE	9/14/1999		4006-01-015	105035	Envirocare of Utah	
0057	B-25 box	Soil, gravel, PPE, > 10% debris	7/23/1998	SWT RA	67.0	TRUE	9/21/1999		4006-01-026	105141	Envirocare of Utah	
0058	B-25 box	Soil, gravel > 10% debris	7/24/1998	SWT RA	86.0	TRUE	9/21/1999		4006-01-026	105141	Envirocare of Utah	
0059	B-25 box	Soil, gravel, syringes, PPE, foam, > 10% debris	7/24/1998	SWT RA	86.0	TRUE	9/29/1998		4006-01-008		Envirocare of Utah	
0060	B-25 box	Soil, gravel, syringes, PPE, > 10% debris	7/24/1998	SWT RA	77.0	TRUE	9/29/1998		4006-01-008		Envirocare of Utah	
0061	B-25 box	Soil, gravel, syringes, PPE, bones, > 10% debris	7/24/1998	SWT RA	91.0	TRUE	9/29/1998		4006-01-007		Envirocare of Utah	
0062	B-25 box	Soil, gravel, syringes, PPE, bones, > 10% debris	7/24/1998	SWT RA	94.0	TRUE	9/29/1998		4006-01-007		Envirocare of Utah	
0063	B-25 box	Soil, gravel, syringes, PPE, bones, wood, > 10% debris	7/27/1998	SWT RA	82.0	TRUE	9/29/1998		4006-01-007		Envirocare of Utah	
0064	B-25 box	Soil, gravel, syringes, PPE, bones, wood, > 10% debris	7/27/1998	SWT RA	91.0	TRUE	9/29/1998		4006-01-007		Envirocare of Utah	
0065	B-25 box	Soil, gravel, syringes, PPE, bones, wood, > 10% debris	7/27/1998	SWT RA	82.0	TRUE	9/29/1998		4006-01-007		Envirocare of Utah	
0066	B-25 box	Soil, gravel, syringes, PPE, bones, wood, > 10% debris	7/27/1998	SWT RA	86.0	TRUE	9/22/1998		4006-01-006		Envirocare of Utah	
0067	B-25 box	Soil, gravel, syringes, PPE, bones, wood, > 10% debris	7/27/1998	SWT RA	82.0	TRUE	9/22/1998		4006-01-006		Envirocare of Utah	
0068	B-25 box	Soil, gravel, syringes, PPE, bones, wood, > 10% debris	7/27/1998	SWT RA	91.0	TRUE	9/22/1998		4006-01-006		Envirocare of Utah	
0069	B-25 box	Soil, gravel, syringes, PPE, bones, wood, > 10% debris	7/27/1998	SWT RA	91.0	TRUE	9/22/1998		4006-01-006		Envirocare of Utah	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0070	B-25 box	Soil, gravel, syringes, PPE, bones, wood, > 10% debris	7/27/1998	SWT RA	82.0	TRUE	9/22/1998		4006-01-006		Envirocare of Utah	
0071	B-25 box	Soil, gravel, syringes, PPE, bones, wood, > 10% debris	7/27/1998	SWT RA	82.0	TRUE	9/22/1998		4006-01-005		Envirocare of Utah	
0072	B-25 box			SWT RA		transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 0207
0073	B-25 box	Soil, gravel, PPE, bones, > 10% debris	7/27/1998	SWT RA	72.0	TRUE	9/22/1998		4006-01-005		Envirocare of Utah	
0074	B-25 box	Soil, gravel, > 10% debris	7/27/1998	SWT RA	91.0	TRUE	9/22/1998		4006-01-005		Envirocare of Utah	
0075	B-25 box	Soil, gravel, > 10% debris	7/27/1998	SWT RA	91.0	TRUE	9/22/1998		4006-01-005		Envirocare of Utah	
0076	B-25 box	Soil, gravel, > 10% debris	7/27/1998	SWT RA	94.0	TRUE	9/22/1998		4006-01-005		Envirocare of Utah	
0077	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	94.0	TRUE	9/22/1998		4006-01-004		Envirocare of Utah	
0078	B-25 box	Soil, gravel, PPE, > 10% debris	7/28/1998	SWT RA	94.0	TRUE	9/22/1998		4006-01-004		Envirocare of Utah	
0079	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	94.0	TRUE	9/22/1998		4006-01-004		Envirocare of Utah	
0080	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	62.0	TRUE	9/22/1998		4006-01-004		Envirocare of Utah	
0081	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	94.0	TRUE	9/22/1998		4006-01-004		Envirocare of Utah	
0082	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	77.0	TRUE	9/21/1998		4006-01-001		Envirocare of Utah	
0083	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	77.0	TRUE	9/21/1998		4006-01-001		Envirocare of Utah	
0084	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	72.0	TRUE	9/21/1998		4006-01-001		Envirocare of Utah	
0085	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	94.0	TRUE	9/21/1998		4006-01-001		Envirocare of Utah	
0086	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	77.0	TRUE	9/21/1998		4006-01-001		Envirocare of Utah	
0087	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	67.0	TRUE	9/21/1998		4006-01-002		Envirocare of Utah	
0088	B-25 box	Soil, gravel, > 10% debris	7/28/1998	SWT RA	94.0	TRUE	9/21/1998		4006-01-002		Envirocare of Utah	
0089	B-25 box	Soil, gravel, > 10% debris	7/29/1998	SWT RA	72.0	TRUE	9/21/1998		4006-01-002		Envirocare of Utah	50% S-6.5-7; W-10.5-11; 25% S-6.5; W-9
0090	B-25 box	Soil, gravel, > 10% debris	7/29/1998	SWT RA	94.0	TRUE	9/21/1998		4006-01-002		Envirocare of Utah	
0091	B-25 box	Soil, gravel, > 10% debris	7/29/1998	SWT RA	94.0	TRUE	9/21/1998		4006-01-002		Envirocare of Utah	88% S-6.5; W-9; @ 0-2'; 10% S-5; W-8.5; @ 0-2'
0092	B-25 box	Soil, gravel, bones, wood, > 10% debris	7/29/1998	SWT RA	91.0	TRUE	9/21/1999		4006-01-026	105141	Envirocare of Utah	
0093	B-25 box	Soil, gravel, bones, wood, > 10% debris	7/29/1998	SWT RA	82.0	TRUE	9/21/1999		4006-01-026	105141	Envirocare of Utah	
0094	B-25 box	Soil, gravel, bones, wood, > 10% debris	7/29/1998	SWT RA	93.0	TRUE	9/14/1999		4006-01-015	105035	Envirocare of Utah	
0095	B-25 box	Soil, gravel, bones, wood, > 10% debris	7/29/1998	SWT RA	93.0	TRUE	9/14/1999		4006-01-015	105035	Envirocare of Utah	
0096	B-25 box	Soil, gravel, bones, wood, > 10% debris	7/30/1998	SWT RA	91.0	TRUE	9/14/1999		4006-01-015	105035	Envirocare of Utah	
0097	B-25 box	Soil, gravel, bones, wood, > 10% debris	7/30/1998	SWT RA	91.0	TRUE	9/14/1999		4006-01-015	105035	Envirocare of Utah	
0098	B-25 box	Soil, gravel, bones, wood, > 10% debris	7/30/1998	SWT RA	58.0	TRUE	9/14/1999		4006-01-016	105032	Envirocare of Utah	
0099	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	7/30/1998	SWT RA	67.0	TRUE	9/14/1999		4006-01-016	105032	Envirocare of Utah	
0100	B-25 box	Soil, gravel, bones, wood, > 10% debris	7/30/1998	SWT RA	67.0	TRUE	9/14/1999		4006-01-016	105032	Envirocare of Utah	
0101	B-25 box	Soil, gravel, bones, wood, > 10% debris	7/30/1998	SWT RA	62.0	TRUE	9/14/1999		4006-01-016	105032	Envirocare of Utah	
0102	B-25 box	Soil, gravel, plastic, wood, bones, > 10% debris	7/30/1998	SWT RA	77.0	TRUE	9/14/1999		4006-01-016	105032	Envirocare of Utah	
0103	B-25 box	Soil, gravel, bones, wood, > 10% debris	7/30/1998	SWT RA	77.0	TRUE	9/14/1999		4006-01-016	105032	Envirocare of Utah	
0104	B-25 box	Soil, gravel, > 10% debris	7/31/1998	SWT RA	72.0	TRUE	9/22/1999		4006-01-027	105165	Envirocare of Utah	
0105	B-25 box	Soil, < 10% debris	7/31/1998	SWT RA	10.0	TRUE	9/22/1999		4006-01-027	105165	Envirocare of Utah	
0106	B-25 box	Soil, gravel, bones, > 10% debris	8/4/1998	SWT RA	82.0	TRUE	9/14/1999		4006-01-018		Envirocare of Utah	
0107	B-25 box	Soil, gravel, bones, wood, PPE, > 10% debris	8/4/1998	SWT RA	82.0	TRUE	9/14/1999		4006-01-018		Envirocare of Utah	
0108	B-25 box	Soil, gravel, bones, wood, PPE, > 10% debris	8/4/1998	SWT RA	77.0	TRUE	9/14/1999		4006-01-018		Envirocare of Utah	
0109	B-25 box	Soil, gravel, bones, wood, PPE, > 10% debris	8/4/1998	SWT RA	77.0	TRUE	9/14/1999		4006-01-018		Envirocare of Utah	
0110	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/4/1998	SWT RA	91.0	TRUE	9/14/1999		4006-01-017	105033	Envirocare of Utah	
0111	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/4/1998	SWT RA	91.0	TRUE	9/14/1999		4006-01-017	105033	Envirocare of Utah	
0112	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/4/1998	SWT RA	93.0	TRUE	9/14/1999		4006-01-017	105033	Envirocare of Utah	
0113	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/4/1998	SWT RA	93.0	TRUE	9/14/1999		4006-01-017	105033	Envirocare of Utah	
0114	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/4/1998	SWT RA	93.0	TRUE	9/14/1999		4006-01-017	105033	Envirocare of Utah	
0115	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/14/1999		4006-01-018		Envirocare of Utah	
0116	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/22/1999		4006-01-027	105165	Envirocare of Utah	
0117	B-25 box	Soil, gravel, bones, wood, PPE, metal, plastic, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/14/1999		4006-01-018		Envirocare of Utah	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0118	B-25 box	Soil, gravel, bones, wood, PPE, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/16/1999		4006-01-019	105134	Envirocare of Utah	
0119	B-25 box	Soil, gravel, bones, wood, PPE, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/22/1999		4006-01-027	105165	Envirocare of Utah	
0120	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/16/1999		4006-01-019	105134	Envirocare of Utah	
0121	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/16/1999		4006-01-019	105134	Envirocare of Utah	
0122	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/22/1999		4006-01-027	105165	Envirocare of Utah	
0123	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/5/1998	SWT RA	91.0	TRUE	9/16/1999		4006-01-019	105134	Envirocare of Utah	
0124	B-25 box	Soil, gravel, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/16/1999		4006-01-019	105134	Envirocare of Utah	
0125	B-25 box	Soil, gravel, wood, bones, plastic, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/22/1999		4006-01-027	105165	Envirocare of Utah	
0126	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/23/1999		4006-01-028	105164	Envirocare of Utah	
0127	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-020		Envirocare of Utah	
0128	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/23/1999		4006-01-028	105164	Envirocare of Utah	
0129	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-020		Envirocare of Utah	
0130	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-020		Envirocare of Utah	
0131	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/23/1999		4006-01-028	105164	Envirocare of Utah	
0132	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-020		Envirocare of Utah	
0133	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-020		Envirocare of Utah	
0134	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/5/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-021	105092	Envirocare of Utah	
0135	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-021	105092	Envirocare of Utah	
0136	B-25 box	Soil, gravel, bones, wood, plastic, wire mesh, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-021	105092	Envirocare of Utah	
0137	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-021	105092	Envirocare of Utah	
0138	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-021	105092	Envirocare of Utah	
0139	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-022		Envirocare of Utah	
0140	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/6/1998	SWT RA	95.0	TRUE	9/23/1999		4006-01-028	105164	Envirocare of Utah	
0141	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-022		Envirocare of Utah	
0142	B-25 box	Soil, gravel, wood, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-022		Envirocare of Utah	
0143	B-25 box	Soil, gravel, wood, plastic, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/23/1999		4006-01-028	105164	Envirocare of Utah	
0144	B-25 box	Soil, gravel, wood, plastic, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/17/1999		4006-01-022		Envirocare of Utah	
0145	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/23/1999		4006-01-029	105167	Envirocare of Utah	
0146	B-25 box	Soil, gravel, bones, wood, plastic, metal wire, > 10% debris	8/6/1998	SWT RA	94.0	TRUE	9/23/1999		4006-01-029	105167	Envirocare of Utah	
0147	B-25 box	Soil, gravel, wood, > 10% debris	8/6/1998	SWT RA	93.0	TRUE	9/23/1999		4006-01-029	105167	Envirocare of Utah	
0148	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/7/1998	SWT RA	93.0	TRUE	9/23/1999		4006-01-029	105167	Envirocare of Utah	
0149	B-25 box	Soil, gravel, needles, > 10% debris	8/7/1998	SWT RA	93.0	TRUE	9/23/1999		4006-01-029	105167	Envirocare of Utah	
0150	B-25 box	Soil, gravel, needles, PPE, bones, rubber matting, > 10% debris	8/7/1998	SWT RA	93.0	TRUE	9/23/1999	NA	4006-01-030	105166	Envirocare of Utah	
0151	B-25 box	Soil, gravel, syringes, rubber matting, > 10% debris	8/7/1998	SWT RA	93.0	TRUE	9/23/1999	NA	4006-01-030	105166	Envirocare of Utah	
0152	B-25 box	Soil, gravel, syringes, rubber mating, > 10% debris	8/7/1998	SWT RA	93.0	TRUE	9/23/1999		4006-01-030	10166	Envirocare of Utah	
0153	B-25 box	Soil, gravel, syringes, > 10% debris	8/7/1998	SWT RA	93.0	TRUE	9/23/1999		4006-01-030	105166	Envirocare of Utah	
0154	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/7/1998	SWT RA	93.0	TRUE	10/4/1999		4006-01-043	105274	Envirocare of Utah	
0155	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/7/1998	SWT RA	93.0	TRUE	9/23/1999		4006-01-030	105166	Envirocare of Utah	
0156	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/7/1998	SWT RA	93.0	TRUE	9/17/1999		4006-01-022		Envirocare of Utah	
0157	B-25 box	Soil, gravel, bones, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	9/24/1999		4006-01-031	105192	Envirocare of Utah	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0158	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	9/24/1999		4006-01-031	105192	Envirocare of Utah	
0159	B-25 box	Soil, gravel, bones, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	9/24/1999		4006-01-031	105192	Envirocare of Utah	
0160	B-25 box	Soil, gravel, bones, > 10% debris	8/7/1998	SWT RA	93.0	TRUE	9/24/1999		4006-01-031	105192	Envirocare of Utah	68% of box vol.: S-10-10.5, W-10-11; @ 3-6'; 30% of box vol.: S-9, W-10
0161	B-25 box	Soil, gravel, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	9/20/1999		4006-01-023	105139	Envirocare of Utah	
0162	B-25 box	Soil, gravel, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	9/20/1999		4006-01-023	105139	Envirocare of Utah	
0163	B-25 box	Soil, gravel, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	9/24/1999		4006-01-031	105192	Envirocare of Utah	
0164	B-25 box	Soil, gravel, wood, bones, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	9/20/1999		4006-01-023	105139	Envirocare of Utah	
0165	B-25 box	Soil, gravel, wood, bones, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	10/5/1999		4006-01-044	105290	Envirocare of Utah	
0166	B-25 box	Soil, gravel, wood, bones, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	10/5/1999		4006-01-044	105290	Envirocare of Utah	
0167	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/10/1998	SWT RA	90.0	TRUE	10/5/1999		4006-01-044	105290	Envirocare of Utah	
0168	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/10/1998	SWT RA	94.0	TRUE	10/5/1999		4006-01-044	105290	Envirocare of Utah	
0169	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	10/6/1999		4006-01-045	105292	Envirocare of Utah	
0170	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	10/4/1999		4006-01-043	105274	Envirocare of Utah	
0171	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	10/4/1999		4006-01-043	105274	Envirocare of Utah	
0172	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	9/22/1999		4006-01-032	105194	Envirocare of Utah	
0173	B-25 box	Soil, gravel, bones, wood, > 10% debris	8/10/1998	SWT RA	91.0	TRUE	10/4/1999		4006-01-043	105274	Envirocare of Utah	
0174	B-25 box	Soil, gravel, bones, wood, poly, tin, > 10% debris	8/10/1998	SWT RA	93.0	TRUE	10/4/1999		4006-01-043	105274	Envirocare of Utah	
0175	B-25 box	Soil, gravel, bones, wood, plastic, syringes, > 10% debris	8/12/1998	SWT RA	93.0	TRUE	9/20/1999		4006-01-023	105139	Envirocare of Utah	
0176	B-25 box	Soil, gravel, bones, wood, syringes, > 10% debris	8/12/1998	SWT RA	93.0	TRUE	9/20/1999		4006-01-023	105139	Envirocare of Utah	
0177	B-25 box	Soil, gravel, bones, syringes, > 10% debris	8/12/1998	SWT RA	93.0	TRUE	9/21/1999		4006-01-024	105130	Envirocare of Utah	
0178	B-25 box	30% soil, 30% debris, 30% PPE, 10% void	7/29/1998	SWT RA	9.6	TRUE	12/21/2000	NA	4006-01-057	NA	Envirocare of Utah	Potentially contaminated with chlordane - Contents of LEHR1298, LEHR0334, LEHR1308, LEHR1306, LEHR0632, LEHR0629 added to LEHR0178.
0179	B-25 box	Soil, gravel, syringes, > 10% debris	8/12/1998	SWT RA	93.0	TRUE	9/21/1999		4006-01-024	105130	Envirocare of Utah	
0180	B-25 box	Soil, gravel, bones, wood, plastic, syringes, > 10% debris	8/11/1998	SWT RA	93.0	TRUE	9/21/1999		4006-01-024	105166	Envirocare of Utah	
0181	B-25 box	Soil, gravel, > 10% debris	8/12/1998	SWT RA	93.0	TRUE	9/21/1999		4006-01-024	105130	Envirocare of Utah	
0182	B-25 box	Soil, gravel, plastic, wood, grout, > 10% debris	8/11/1998	SWT RA	93.0	TRUE	9/21/1999		4006-01-024	105130	Envirocare of Utah	
0183	B-25 box	Soil, gravel, plastic, wood, grout, bones, > 10% debris	8/11/1998	SWT RA	93.0	TRUE	9/21/1999		4006-01-025	105140	Envirocare of Utah	
0184	B-25 box	Soil, gravel, plastic, wood, grout, bones, > 10% debris	8/11/1998	SWT RA	93.0	TRUE	9/21/1999		4006-01-025	105140	Envirocare of Utah	
0185	B-25 box	Soil, gravel, plastic, wood, bones, > 10% debris	8/13/1998	SWT RA	91.0	TRUE	9/21/1999		4006-01-025	105140	Envirocare of Utah	
0186	B-25 box	Soil, gravel, plastic, wood, bones, syringes, needles, > 10% debris	8/13/1998	SWT RA	93.0	TRUE	9/21/1999		4006-01-025	105140	Envirocare of Utah	
0187	B-25 box	Soil, gravel, plastic, wood, bones, > 10% debris	8/13/1998	SWT RA	93.0	TRUE	9/21/1999		4006-01-025	105140	Envirocare of Utah	
0188	B-25 box	Soil, gravel, plastic, wood, bones, syringes, > 10% debris	8/13/1998	SWT RA	93.0	TRUE	10/4/1999		4006-01-042	105260	Envirocare of Utah	
0189	B-25 box	Soil < 10% debris	8/13/1998	SWT RA	93.0	TRUE	9/27/1999		4006-01-032	105194	Envirocare of Utah	
0190	B-25 box	Soil < 10% debris	8/13/1998	SWT RA	93.0	TRUE	9/27/1999		4006-01-032	105194	Envirocare of Utah	
0191	B-25 box	Soil, gravel, plastic, wood, > 10% debris	8/13/1998	SWT RA	93.0	TRUE	9/27/1999		4006-01-032	105194	Envirocare of Utah	
0192	B-25 box	Soil, gravel, plastic, wood, bones, syringes, > 10% debris	8/13/1998	SWT RA	93.0	TRUE	9/27/1999		4006-01-032	105194	Envirocare of Utah	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0193	B-25 box	Soil, gravel, wood, plastic, bones, syringes, > 10% debris	8/13/1998	SWT RA	93.0	TRUE	9/27/1999		4006-01-033	105195	Envirocare of Utah	
0194	B-25 box	Soil < 10% debris	8/13/1998	SWT RA	93.0	TRUE	10/1/1999		4006-01-040	105262	Envirocare of Utah	
0195	B-25 box	Soil, gravel, wood, plastic, bones, syringes, > 10% debris	8/13/1998	SWT RA	93.0	TRUE	9/27/1999		4006-01-033	105195	Envirocare of Utah	
0196	B-25 box	Soil, gravel, wood, plastic, bones, syringes, > 10% debris	8/13/1998	SWT RA	93.0	TRUE	10/4/1999		4006-01-042	105260	Envirocare of Utah	
0197	B-25 box	Soil, gravel, wood, plastic, bones, glass, > 10% debris	8/14/1998	SWT RA	89.0	TRUE	9/27/1999		4006-01-033	105195	Envirocare of Utah	Partially damp gravel. Black substance on gravel.
0198	B-25 box	Soil, gravel, plastic, bones, syringes, > 10% debris	8/14/1998	SWT RA	92.0	TRUE	9/27/1999		4006-01-033	105195	Envirocare of Utah	
0199	B-25 box	Soil, gravel, wood, bones, syringes, > 10% debris	8/14/1998	SWT RA	93.0	TRUE	9/27/1999		4006-01-033	105195	Envirocare of Utah	
0200	B-25 box	Soil, gravel, wood, bones, rubber, > 10% debris	8/14/1998	SWT RA	93.0	TRUE	9/28/1999		4006-01-034	105208	Envirocare of Utah	Several possible "blood" filled vials were removed from B-25. Box contains gravel coated with black
0201	B-25 box	Soil, gravel, wood, plastic, bones, syringes, > 10% debris	8/14/1998	SWT RA	93.0	TRUE	9/28/1999		4006-01-034	105208	Envirocare of Utah	
0202	B-25 box	Soil, gravel, wood, plastic, bones, vials, > 10% debris	8/14/1998	SWT RA	93.0	TRUE	9/28/1999		4006-01-034	105208	Envirocare of Utah	Several possible "blood" filled vials were removed from B-25. Box contains gravel coated with black
0203	B-25 box	Soil, gravel, bones, wood, plastic, vials, rubber, > 10% debris	8/14/1998	SWT RA	93.0	TRUE	9/28/1999		4006-01-034	105208	Envirocare of Utah	Several possible "blood" filled vials were removed from B-25. Box contains gravel coated with black
0204	B-25 box	Soil, gravel, bones, wood, plastic, vials, rubber, > 10% debris	8/14/1998	SWT RA	93.0	TRUE	9/28/1999		4006-01-034	105208	Envirocare of Utah	Several possible "blood" filled vials were removed from B-25. Box contains gravel coated with black
0205	B-25 box	Soil, gravel, bones, wood, plastic, vials, rubber, > 10% debris	8/14/1998	SWT RA	93.0	TRUE	9/28/1999		4006-01-035	105209	Envirocare of Utah	Several possible "blood" filled vials were removed from B-25. Box contains gravel coated with black
0206	B-25 box	Soil, gravel, bones, wood, syringes, plastic, > 10% debris	8/14/1998	SWT RA	93.0	TRUE	9/28/1999		4006-01-035	105209	Envirocare of Utah	
0207	B-25 box	Soil, gravel, syringes, PPE, > 10% debris	8/17/1998	SWT RA	77.0	TRUE	2/5/1999		4006-01-013		Envirocare of Utah	**Contents transferred from LEHR 0072. Potentially contaminated with chlordane
0208	B-25 box	Soil, gravel, bones, > 10% debris	8/17/1998	SWT RA	93.0	TRUE	9/28/1999		4006-01-035	105209	Envirocare of Utah	
0209	B-25 box	Soil, gravel, bones, > 10% debris	8/17/1998	SWT RA	93.0	TRUE	10/1/1999		4006-01-041	105263	Envirocare of Utah	
0210	B-25 box	Soil, gravel, bones, plastic, grout, > 10% debris	8/17/1998	SWT RA	93.0	TRUE	9/28/1999		4006-01-035	105209	Envirocare of Utah	
0211	B-25 box	Soil, gravel, bones, plastic, > 10% debris	8/17/1998	SWT RA	93.0	TRUE	10/6/1999		4006-01-045	105292	Envirocare of Utah	
0212	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	8/17/1998	SWT RA	93.0	TRUE	10/6/1999		4006-01-045	105292	Envirocare of Utah	
0213	B-25 box	Soil, gravel, bones, wood, syringes, plastic, > 10% debris	8/17/1998	SWT RA	93.0	TRUE	9/28/1999		4006-01-035	105209	Envirocare of Utah	
0214	B-25 box	Soil, gravel, bones, wood, syringes, plastic, PPE, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/29/1999		4006-01-036	105211	Envirocare of Utah	
0215	B-25 box	Soil, gravel, bones, wood, syringes, plastic, > 10% debris	8/18/1998	SWT RA	86.0	TRUE	9/29/1999		4006-01-036	105211	Envirocare of Utah	
0216	B-25 box	Soil, gravel, bones, wood, syringes, plastic, glass, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/29/1999		4006-01-036	105211	Envirocare of Utah	
0217	B-25 box	Soil, gravel, bones, wood, syringes, plastic, glass, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/29/1999		4006-01-036	105211	Envirocare of Utah	
0218	B-25 box	Soil, gravel, bones, wood, syringes, plastic, rubber, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/29/1999		4006-01-036	105211	Envirocare of Utah	
0219	B-25 box	Soil, gravel, bones, wood, syringes, plastic, glass, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/29/1999		4006-01-037	105210	Envirocare of Utah	
0220	B-25 box	Soil, gravel, bones, wood, syringes, plastic, glass, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/29/1999		4006-01-037	105210	Envirocare of Utah	
0221	B-25 box	Soil, gravel, bones, wood, syringes, plastic, glass, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/29/1999		4006-01-037	105210	Envirocare of Utah	
0222	B-25 box	Soil, gravel, bones, wood, syringes, plastic, glass, metal, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/29/1999		4006-01-037	105210	Envirocare of Utah	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0223	B-25 box	Soil, gravel, bones, wood, syringes, plastic, glass, metal, PPE, > 10% deb	8/18/1998	SWT RA	93.0	TRUE	9/29/1999		4006-01-037	105210	Envirocare of Utah	
0224	B-25 box	Soil, gravel, bones, wood, syringes, plastic, glass, metal, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/30/1999		4006-01-038	105193	Envirocare of Utah	
0225	B-25 box	Soil, gravel, bones, syringes, plastic, glass, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	10/1/1999		4006-01-040	105262	Envirocare of Utah	
0226	B-25 box	Soil, gravel, bones, syringes, plastic, glass, metal, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	10/1/1999		4006-01-040	105262	Envirocare of Utah	
0227	B-25 box	Soil, gravel, bones, syringes, plastic, glass, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/30/1999		4006-01-038	105193	Envirocare of Utah	
0228	B-25 box	Soil, gravel, bones, plastic, grout, > 10% debris	8/17/1998	SWT RA	93.0	TRUE	9/30/1999		4006-01-038	105192	Envirocare of Utah	
0229	B-25 box	Soil, gravel, bones, wood, plastic, glass, > 10% debris	8/18/1998	SWT RA	93.0	TRUE	9/30/1999		4006-01-038	105192	Envirocare of Utah	
0230	1 gal plastic bucket	Lab Glass (flask) 1/2 full of liquid	6/23/1998	SWT RA		consumed	NA	NA	NA	NA	Waste Consumed at Lab	Waste consumed at lab. HAZCAT/Poly-bucket Waste.
0231	4 gal plastic bucket	2 plastic vials full of liquid	7/20/1998	SWT RA		transferred	NA	NA	NA	NA	NA	Contents RCRA empty. Package out of service. Transferred into LEHR 1310.
0232	4 gal plastic bucket	350 x 0.5 ml vials	7/21/1998	SWT RA		transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1309. Package out of service. Waste Consumed at lab.
0233	4 gal plastic bucket	1 liter Poly, 150 ml dark liquid	7/21/1998	SWT RA		TRUE		NA	NA	NA	NA	HAZCAT/Poly-bucket Waste; HAZCAT test indicates liquid is hypochlorite. Properly disposed offsite; Disposal site not documented.
0234	4 gal plastic bucket	1 Gal. 25% full, Arsenic Acid	7/21/1998	SWT RA		TRUE		NA	NA	NA	NA	HAZCAT/Poly-bucket Waste; HAZCAT results indicate Arsenic Acid. Properly disposed offsite; Disposal site not documented.
0235	4 gal plastic bucket	1 x gallon container, 75% full HCl, 1 x 500ml jar, 20 ml HCL	7/21/1998	SWT RA		consumed	NA	NA	NA	NA	Waste Consumed at Lab	HAZCAT/Poly-bucket Waste; LEHR0324c (500ml glass jar labeled "Nessles Solution", 20ml fluid. HAZCAT results indicate HCl) added. Waste Consumed at Lab
0236	1 gal plastic bucket	8 oz glass jar (broken)	7/23/1998	SWT RA		transferred	NA	NA	NA	NA	NA	Out of service, contents empty. Contents transferred to LEHR1310.
0237	2.5 gal bucket	RCRA Empty labware, 100% Full	8/7/1998	SWT RA		consumed	NA	NA	NA	NA	Waste Consumed at Lab	Waste consumed at lab. HAZCAT/Poly-bucket Waste; Soil added to LEHR1310. Broken RCRA empty contains added to this package. Possible H3 contamination.
0238	1 gal plastic bucket	Syringe 1/3 full of liquid, small bottle 1/3 full of liquid	8/7/1998	SWT RA		transferred	NA	NA	NA	NA	NA	Contents RCRA empty-package out of service. Contents transferred to LEHR1310.
0239	5 gal plastic bucket	1 x 100ml jar, 20% full beige pouch	8/11/1998	SWT RA		consumed	NA	NA	NA	NA	Waste Consumed at Lab	Waste consumed at lab. HAZCAT/Poly-bucket Waste. 500 urine filled 0.5 vials transferred to 1309. Carbonate in jar remains in LEHR0239. 10 grams of
0240	5 gal plastic bucket	vials, ampoules full of dry and liquid material	8/14/1998	SWT RA		consumed	NA	NA	NA	NA	Waste Consumed at Lab	Transferred to lehr1309. Container added to 1309 for disposal. Package out of service. Waste Consumed at lab.
0241	5 gal plastic bucket	Test tubes, glassware filled with liquid (blood??)	8/14/1998	SWT RA		consumed	NA	NA	NA	NA	Waste Consumed at Lab	HAZCAT/Poly-bucket Waste. Empty vials transferred to 1310. Transferred to lEHR1309. Tested positive for blood. Package out Waste consumed at lab.
0242	1 gal plastic bucket	2 - 500 ml amber bottles containing liquid	8/14/1998	SWT RA		consumed	NA	NA	NA	NA	Waste Consumed at Lab	Waste consumed at lab. HAZCAT/Poly-bucket Waste; HAZCAT test indicates silver nitrate and sugar.
0243	1 gal plastic bucket	1 syringe and 1 vial with liquid (blood??)	8/14/1998	SWT RA		transferred	NA	NA	NA	NA	NA	HAZCAT/Poly-bucket Waste. Empty container with residual blood, transferred to LEHR1309. RCRA empty container added to 1310 f waste consumed at lab.
0244	1 gal plastic bucket	1 liter jar, plastic inside.	8/14/1998	SWT RA		transferred	NA	NA	NA	NA	NA	Package out of service. RCRA Empty, contents transferred to 1306. HAZCAT/Poly-bucket Waste; HAZCAT test indicates material in jar is plastic.
0245	B-25 box	Soil, gravel, syringes, plastic, wood, > 10% debris	8/19/1998	SWT RA	90.0	TRUE	9/30/1999		4006-01-038	105192	Envirocare of Utah	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0246	B-25 box	Soil, gravel, plastic, wood, > 10% debris	8/19/1998	SWT RA	91.0	TRUE	9/30/1999		4006-01-039	105216	Envirocare of Utah	
0247	B-25 box	Soil, gravel, wood, plastic, glass, > 10% debris	8/19/1998	SWT RA	91.0	TRUE	9/30/1999		4006-01-039	105216	Envirocare of Utah	
0248	B-25 box	Soil, gravel, wood, plastic, glass, bones, > 10% debris	8/19/1998	SWT RA	91.0	TRUE	9/30/1999		4006-01-039	105216	Envirocare of Utah	
0249	B-25 box	Soil, gravel, plastic, wood, bones, > 10% debris	8/19/1998	SWT RA	91.0	TRUE	9/30/1999		4006-01-039	105216	Envirocare of Utah	
0250	B-25 box	Soil, gravel, plastic, wood, bones, glass, > 10% debris	8/19/1998	SWT RA	90.0	TRUE	9/30/1999		4006-01-039	105216	Envirocare of Utah	
0251	B-25 box	Soil, gravel, wood, bones, syringes, > 10% debris	8/19/1998	SWT RA	90.0	TRUE	10/1/1999		4006-01-040	105262	Envirocare of Utah	
0252	B-25 box	Soil, gravel, wood, bones, syringes, > 10% debris	8/19/1998	SWT RA	91.0	TRUE	10/1/1999		4006-01-040	105262	Envirocare of Utah	
0253	B-25 box	Soil, gravel, wood, plastic, > 10% debris	8/19/1998	SWT RA	90.0	TRUE	10/1/1999		4006-01-041	105263	Envirocare of Utah	
0254	B-25 box	Soil, gravel, wood, bones, plastic, > 10% debris	8/19/1998	SWT RA	90.0	TRUE	10/1/1999		4006-01-041	105263	Envirocare of Utah	
0255	B-25 box	Soil, gravel, wood, > 10% debris	7/29/1998	SWT RA	72.0	TRUE	2/5/1999		4006-01-013		Envirocare of Utah	
0256	B-25 box	Soil, gravel, metal, > 10% debris	8/19/1998	SWT RA	77.0	TRUE	12/10/1999		4006-01-052	105969	Envirocare of Utah	
0257	B-25 box	Soil, gravel, metal, > 10% debris	8/19/1998	SWT RA	84.0	TRUE	12/10/1999		4006-01-052	105969	Envirocare of Utah	
0258	B-25 box	Soil, < 10% debris	8/19/1998	SWT RA	84.0	TRUE	12/10/1999		4006-01-052	105969	Envirocare of Utah	
0259	B-25 box	Soil, gravel, > 10% debris	8/20/1998	SWT RA	68.0	TRUE	11/17/1999		4006-01-047	105750	Envirocare of Utah	
0260	B-25 box	Soil, gravel, > 10% debris	8/20/1998	SWT RA	72.0	TRUE	11/17/1999		4006-01-047	105750	Envirocare of Utah	
0261	B-25 box	Soil, gravel, > 10% debris	8/20/1998	SWT RA	44.0	TRUE	12/10/1999		4006-01-052	105969	Envirocare of Utah	
0262	B-25 box	Soil, < 10% debris	8/20/1998	SWT RA	72.0	TRUE	12/10/1999		4006-01-053	105967	Envirocare of Utah	
0263	B-25 box	Soil, gravel, plastic, glass, > 10% debris	8/20/1998	SWT RA	72.0	TRUE	12/8/1999	105926	4006-01-050	105926	Envirocare of Utah	
0264	B-25 box	Soil, plastic, metal, glass, > 10% debris	8/20/1998	SWT RA	72.0	TRUE	12/10/1999		4006-01-053	105967	Envirocare of Utah	
0265	B-25 box	Soil, gravel, > 10% debris	8/21/1998	SWT RA	20.0	TRUE	12/10/1999		4006-01-053	105967	Envirocare of Utah	
0266	B-25 box	Soil, gravel, > 10% debris	8/21/1998	SWT RA	84.0	TRUE	10/1/1999		4006-01-041	105263	Envirocare of Utah	
0267	B-25 box	Soil, gravel, plastic, glass, > 10% debris	8/21/1998	SWT RA	92.0	TRUE	12/8/1999	105925	4006-01-049	105925	Envirocare of Utah	
0268	B-25 box	Soil, gravel, plastic, PPE, > 10% debris	8/21/1998	SWT RA	91.0	TRUE	2/5/1999		4006-01-013		Envirocare of Utah	S-1, W-13; @ 0-2' & S-1, W-12.5; @ 5'
0269	B-25 box	Soil, gravel, plastic, glass, > 10% debris	8/21/1998	SWT RA	91.0	TRUE	12/10/1999		4006-01-052	105967	Envirocare of Utah	
0270	B-25 box	Soil, gravel, plastic, glass, > 10% debris	8/21/1998	SWT RA	91.0	TRUE	2/5/1999		4006-01-013		Envirocare of Utah	
0271	B-25 box	Soil, gravel, bone, copper, pipe, > 10% debris	8/21/1998	SWT RA	91.0	TRUE	10/1/1999		4006-01-041	105263	Envirocare of Utah	
0272	B-25 box	Soil, gravel, .> 10% debris	8/21/1998	SWT RA	91.0	TRUE	2/5/1999		4006-01-014		Envirocare of Utah	
0273	B-25 box	Soil, gravel, pottery, wood, plastic, glass, bones, > 10% debris	8/21/1998	SWT RA	91.0	TRUE	12/10/1999		4006-01-053	105967	Envirocare of Utah	
0274	B-25 box	Soil, gravel, pottery, wood, wire, bones, > 10% debris	8/21/1998	SWT RA	91.0	TRUE	11/17/1999		4006-01-046	105750	Envirocare of Utah	
0275	B-25 box	Soil, gravel, glass, plastic, wood, PPE, > 10% debris	8/25/1998	SWT RA	63.0	TRUE	12/10/1999		4006-01-053	105967	Envirocare of Utah	
0276	B-25 box	Soil, gravel, glass, plastic, > 10% debris	8/24/1998	SWT RA	72.0	TRUE	12/8/1999	105925	4006-01-049	105925	Envirocare of Utah	
0277	B-25 box	Soil, gravel, glass, plastic, pottery, > 10% debris	8/25/1998	SWT RA	58.0	TRUE	12/8/1999	105926	4006-01-050	105926	Envirocare of Utah	
0278	B-25 box	Soil, gravel, glass, plastic, pottery, wood, > 10% debris	8/25/1998	SWT RA	49.0	TRUE	12/14/1999		4006-01-056	106005	Envirocare of Utah	
0279	B-25 box	Soil, gravel, glass, plastic, PPE, wood, > 10% debris	8/25/1998	SWT RA	67.0	TRUE	11/17/1999		4006-01-046	105750	Envirocare of Utah	
0280	B-25 box	Soil, gravel, wood, plastic, glass, metal, PPE, > 10% debris	8/25/1998	SWT RA	63.0	TRUE	11/17/1999		4006-01-046	105750	Envirocare of Utah	
0281	B-25 box	Soil, gravel, glass, metal, > 10% debris	8/24/1998	SWT RA	72.0	TRUE	12/10/1999		4006-01-054	105968	Envirocare of Utah	
0282	B-25 box	Soil, gravel, glass, wood, metal, > 10% debris	8/24/1998	SWT RA	72.0	TRUE	12/10/1999		4006-01-054	105968	Envirocare of Utah	
0283	B-25 box	Soil, gravel, glass, wood, metal, plastic, paper, > 10% debris	8/24/1998	SWT RA	67.0	TRUE	11/17/1999		4006-01-046	105750	Envirocare of Utah	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0284	B-25 box	Soil, gravel, glass, wood, metal, plastic, paper, pottery, > 10% debris	8/24/1998	SWT RA	63.0	TRUE	11/19/1999	105764	4006-01-048	105764	Envirocare of Utah	
0285	B-25 box	Soil, gravel, glass, wood, plastic, paper, pottery, lab waste, > 10% debri	8/24/1998	SWT RA	67.0	TRUE	12/14/1999		4006-01-056	106005	Envirocare of Utah	
0286	B-25 box	Soil, gravel, syringes, > 10% debris	8/21/1998	SWT RA	48.0	TRUE	2/5/1999		4006-01-014		Envirocare of Utah	
0287	B-25 box	Soil, bones, plastic, ceramics, > 10% debris	8/24/1998	SWT RA	89.0	TRUE	12/10/1999		4006-01-054	105968	Envirocare of Utah	
0288	B-25 box	Soil, gravel, wood, metal, plastic, pottery, > 10% debris	8/24/1998	SWT RA	63.0	TRUE	11/19/1999	4006-01-048	4006-01-048	105764	Envirocare of Utah	
0289	B-25 box	Soil, gravel, glass, pottery, > 10% debris	8/24/1998	SWT RA	72.0	TRUE	12/10/1999		4006-01-054	105968	Envirocare of Utah	
0290	B-25 box	Soil, gravel, wood, metal, plastic, glass, > 10% debris	8/25/1998	SWT RA	62.0	TRUE	12/8/1999	105926	4006-01-050	105926	Envirocare of Utah	
0291	B-25 box	Soil, gravel, wood, plastic, glass, > 10% debris	8/25/1998	SWT RA	62.0	TRUE	12/10/1999		4006-01-054	105968	Envirocare of Utah	Box has surface contact reading of 250 micro R/hr on the side opposite the LEHR tracking number labe
0292	B-25 box	Soil, wood, glass, pottery, > 10% debris	8/26/1998	SWT RA	72.0	TRUE	12/10/1999		4006-01-054	105968	Envirocare of Utah	
0293	B-25 box	Soil, wood, glass, plastic, pottery, > 10% debris	8/25/1998	SWT RA	68.0	TRUE	12/14/1999		4006-01-055	106004	Envirocare of Utah	
0294	B-25 box	Soil, gravel, wood, glass, metal, > 10% debris	8/26/1998	SWT RA	68.0	TRUE	12/14/1999		4006-01-056	106005	Envirocare of Utah	
0295	B-25 box	Soil, gravel, wood, glass, > 10% debris	8/26/1998	SWT RA	68.0	TRUE	12/14/1999		4006-01-056	106005	Envirocare of Utah	
0296	B-25 box	Soil, gravel, glass, plastic, pottery, > 10% debris	8/26/1998	SWT RA	68.0	TRUE	11/17/1999		4006-01-047	105750	Envirocare of Utah	
0297	B-25 box	Soil, gravel, glass, pottery, > 10% debris	8/26/1998	SWT RA	68.0	TRUE	12/14/1999		4006-01-055	106004	Envirocare of Utah	On contact with soil, 0.5 mR/hr
0298	B-25 box	Soil, wood, glass, plastic, pottery, > 10% debris	8/26/1998	SWT RA	68.0	TRUE	11/19/1999	4006-01-048	4006-01-048	105764	Envirocare of Utah	
0299	B-25 box	Soil, gravel, wood, glass, pottery, > 10% debris	8/26/1998	SWT RA	68.0	TRUE	12/14/1999		4006-01-055	106004	Envirocare of Utah	
0300	B-25 box	Soil, gravel, wood, glass, plastic, metal, > 10% debris	8/26/1998	SWT RA	68.0	TRUE	12/21/2000	NA	4006-01-057	NA	Envirocare of Utah	Potentially contamination with H-3
0301	B-25 box	Soil, gravel, wood, glass, plastic, pottery, > 10% debris	8/26/1998	SWT RA	68.0	TRUE	12/14/1999		4006-01-055	106004	Envirocare of Utah	
0302	B-25 box	Soil, wood, glass, plastic, pottery, > 10% debris	8/26/1998	SWT RA	68.0	TRUE	12/14/1999		4006-01-055	106004	Envirocare of Utah	
0303	B-25 box	Soil, gravel, wood, glass, plastic, bones, > 10% debris	8/28/1998	SWT RA	72.0	TRUE	12/8/1999	105926	4006-01-050	105926	Envirocare of Utah	
0304	B-25 box	Soil, gravel, plastic, > 10% debris	8/28/1998	SWT RA	72.0	TRUE	12/14/1999		4006-01-055	106004	Envirocare of Utah	
0305	B-25 box	Soil, gravel, wood, glass, plastic, PPE, cobble, > 10% debris	8/28/1998	SWT RA	68.0	TRUE	12/8/1999	105926	4006-01-050	105926	Envirocare of Utah	
0306	B-25 box	Soil, gravel, wood, glass, bones, ceramic, > 10% debris	8/28/1998	SWT RA	72.0	TRUE	12/14/1999		4006-01-056	106005	Envirocare of Utah	
0307	B-25 box	Soil, gravel, glass, plastic, ceramic, > 10% debris	8/28/1998	SWT RA	72.0	TRUE	12/14/1999		4006-01-056	106005	Envirocare of Utah	
0308	B-25 box	Soil, gravel, glass, plastic, foil, > 10% debris	8/27/1998	SWT RA	68.0	TRUE	11/17/1999		4006-01-047	105750	Envirocare of Utah	
0309	B-25 box	Soil, gravel, wood, glass, plastic, > 10% debris	8/28/1998	SWT RA	72.0	TRUE	12/8/1999	105926	4006-01-050	105926	Envirocare of Utah	
0310	B-25 box	Soil, gravel, wood, glass, plastic, > 10% debris	8/28/1998	SWT RA	72.0	TRUE	12/8/1999	105927	4006-01-051	105927	Envirocare of Utah	
0311	B-25 box	Soil, gravel, wood, glass, plastic, tin foil, > 10% debris	8/27/1998	SWT RA	68.0	TRUE	12/8/1999	105927	4006-01-051	105927	Envirocare of Utah	
0312	B-25 box	Soil, gravel, wood, glass, plastic, > 10% debris	8/28/1998	SWT RA	72.0	TRUE	12/8/1999	105925	4006-01-049	105925	Envirocare of Utah	
0313	B-25 box	Soil, gravel, glass, plastic, > 10% debris	8/27/1998	SWT RA	72.0	TRUE	12/8/1999	105927	4006-01-051	105927	Envirocare of Utah	Potentially contaminated with H-3
0314	B-25 box	Soil, gravel, bones, plastic, >10%debris, 2% PPE, 5% RCRA Empty containers	8/31/1998	SWT RA	68.0	TRUE	12/21/2000	NA	4006-01-057	NA	Envirocare of Utah	Previous box was damaged. Contents were transferred to another B-25. Potentially contaminated with H-3 Contents of 1310 added to this package.
0315	B-25 box	Soil, wood, glass, plastic, metal, > 10% debris	8/31/1998	SWT RA	68.0	TRUE	12/8/1999	105927	4006-01-051	105927	Envirocare of Utah	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0316	B-25 box	Soil, gravel, plastic, bones, > 10% debris	8/31/1998	SWT RA	68.0	TRUE	11/17/1999		4006-01-046	105750	Envirocare of Utah	
0317	B-25 box	Soil < 10% debris	9/1/1998	SWT RA	91.0	TRUE	12/21/2000	NA	4006-01-057	NA	Envirocare of Utah	Potentially contaminated with chlordane
0318	B-25 box	Soil, gravel, wood, glass, plastic, metal, > 10% debris	8/31/1998	SWT RA	68.0	TRUE	11/19/1999	4006-01-048	4006-01-048	105764	Envirocare of Utah	
0319	B-25 box	Soil, gravel, wood, plastic, metal, > 10% debris	8/31/1998	SWT RA	68.0	TRUE	11/19/1999	4006-01-048	4006-01-048	105764	Envirocare of Utah	
0320	B-25 box	Soil, gravel, plastic, bones, > 10% debris	8/28/1998	SWT RA	72.0	TRUE	11/17/1999		4006-01-047	105750	Envirocare of Utah	
0321	B-25 box	Soil, wood, plastic, bones, > 10% debris	8/31/1998	SWT RA	72.0	TRUE	12/8/1999	105925	4006-01-049	105925	Envirocare of Utah	
0322	B-25 box	Soil, wood, glass, metal, bones, > 10% debris	8/31/1998	SWT RA	72.0	TRUE	11/17/1999		4006-01-047	105749	Envirocare of Utah	
0323	B-25 box	Soil, gravel, wood, plastic, bones, ceramic, > 10% debris	8/31/1998	SWT RA	72.0	TRUE	12/8/1999	105925	4006-01-049	105925	Envirocare of Utah	
0324	5 gal plastic bucket	Labware	9/3/1998	SWT RA		consumed	NA	NA	NA	NA	Waste Consumed at Lab	Package out of service. Waste consumed at lab. HAZCAT/Poly-bucket Waste; 1x40ml Jar, 30 ml clear fluid, 1x20ml test tube, 10 ml of H20 and Silicate, 1x25ml test tube 33% fil
0325	5 gal plastic bucket	Glass containers/labware	9/3/1998	SWT RA		consumed	NA	NA	NA	NA	Waste Consumed at Lab	Package out of service. Waste consumed at lab. HAZCAT/Poly-bucket Waste; 3x40ml test tube = 20% filled with agar, 1x50ml Jar = 20-25 grams silicate, 1x100ml Jar = 5 grams Ca
0326	5 gal plastic bucket	20% full soil	9/3/1998	SWT RA		consumed	NA	NA	NA	NA	Waste Consumed at Lab	Package out of service. Waste consumed at lab. HAZCAT/Poly-bucket Waste; White material HAZCATed as Calcium Carbonate was transferred to LEHR 0326a. Soil remains.
0327	B-25 box	Soil, gravel, bones, wood, glass, plastic, PPE, > 10% debris	9/2/1998	SWT RA	73.0	TRUE	12/8/1999	105927	4006-01-051	105927	Envirocare of Utah	
0328	B-25 box	Soil, gravel, bones, wood, plastic, > 10% debris	9/2/1998	SWT RA	73.0	TRUE	12/8/1999	105927	4006-01-051	105927	Envirocare of Utah	
0329	B-25 box	(Reclassified debris 9/29/00)Soil, gravel, bones, wood, plastic >10% debris	8/31/1998	SWT RA	0.0	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0330	B-25 box	Soil, gravel, wood, plastic, > 10% debris	9/2/1998	SWT RA	39.0	TRUE	11/19/1999	4006-01-048	4006-01-048	105764	Envirocare of Utah	
0331	B-25 box	Soil, gravel, wood, glass, plastic, PPE, > 10% debris	9/2/1998	SWT RA	73.0	TRUE	12/8/1999	105925	4006-01-049	105925	Envirocare of Utah	
0332	B-25 box	Soil, gravel, plastic, green sand, > 10% debris	8/12/1998	SWT RA	29.0	TRUE	12/21/2000		4006-01-057		Envirocare of Utah	Potentially contaminated with chlordane - Contents of LEHR1311 added to LEHR0332 (~600 lbs.)
0333	B-25 box	Soil, gravel, > 10% debris	8/12/1998	SWT RA	31.0	TRUE	10/1/1999		4006-01-041	105263	Envirocare of Utah	
0334	B-25 box	Pipe, Sump Pump, > 10% debris	8/13/1998	SWT RA	0.0	transferred	NA	NA	4006-02-003	NA	Envirocare of Utah	Total weight 25,550. Total volume = 486 c-ft. - Contents transferred to LEHR0178.
0335	55 gal drum	Glass bottles, vials, tubes containing liquids mixed in soil, > 10% debris	8/14/1998	SWT RA		transferred	NA	NA	NA	NA	Waste Consumed at Lab	Package out of service. Soil transferred to 1311. RCRA empty transferred to 1310 & biologic to 1309. waste consumed at lab.
0336	55 gal drum	Wood (smells like creosote), > 10% debris	8/13/1998	SWT RA		transferred	NA	NA	NA	NA	NA	Potentially contaminated with chlordane - Contents transferred to LEHR0337.
0337	B-25 box	10% metal, 20% wood, 5% PPE, 65% void	8/13/1998	SWT RA	7.8	TRUE	12/28/2000	NA	4006-01-058	NA	Envirocare of Utah	Potentially contaminated with chlordane - Contents of LEHR 0336 added to LEHR 0337. Contents of 1307 added to LEHR 0337.
0338	B-25 box	Soil, gravel, plastic, > 10% debris	8/11/1998	SWT RA	92.0	TRUE	10/4/1999		4006-01-042	105260	Envirocare of Utah	* Contents transferred from RC-9700-774 in order to separate out wood
0339	B-25 box	Soil, gravel, bones, plastic, PPE, > 10% debris	8/11/1998	SWT RA	92.0	TRUE	10/4/1999		4006-01-042	105260	Envirocare of Utah	* Contents transferred from RC-9700-884 in order to separate out wood
0340	B-25 box	Soil, gravel, bones, PPE, grout, > 10% debris	8/11/1998	SWT RA	93.0	TRUE	10/4/1999		4006-01-042	105260	Envirocare of Utah	* Contents transferred from RC-9700-223 in order to separate out wood
0341	B-25 box	Soil, gravel, wood, plastic, > 10% debris	9/4/1998	SWT RA	93.0	TRUE	12/10/1999		4006-01-052	105969	Envirocare of Utah	
0342	B-25 box	Soil, gravel, wood, plastic, > 10% debris	9/4/1998	SWT RA	87.0	TRUE	12/21/2000	NA	4006-01-057	NA	Envirocare of Utah	Potentially contaminated with chlordane

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0343	B-25 box	Internally contaminated empty B-25 box, previously contained waste from Imh		Ra/Sr Area 2	0.0	transferred	NA	NA	NA	NA	NA	Internally contaminated empty box, previously contained waste from Imhoff tanks. Waste transferred to 0003 & 0004. Imhoff Tanks, Internal Contamination: 484 dpm loose, ~100k dpm fixed (Beta/Gamma).
0344	55 gal drum	Stainless Steel Dog cage bottoms		Co-60 IDW	6.0	transferred	NA	NA	NA	NA	NA	Previous D&D Activities; Survey # 091698-001, Contents transferred to LEHR0767
0345	55 gal drum	Stainless Steel Dog cage bottoms		Co-60 IDW	2.5	transferred	NA	NA	NA	NA	NA	Previous D&D Activities; Survey # 101598-003, Contents transferred to LEHR0767
0346	B-25 box	Soil, wood (roots)	9/22/1998	SWT RA	72.0	TRUE	2/5/1999		4006-01-014		Envirocare of Utah	
0347	B-25 box	Soil, wood (roots), metal, PPE	9/22/1998	SWT RA	72.0	TRUE	11/17/1999		4006-01-046	105750	Envirocare of Utah	Potentially Mixed Waste
0348	B-25 box	Soil, wood (roots), plastic	10/19/1998	SWT RA	86.0	TRUE	2/5/1999		4006-01-014		Envirocare of Utah	
0349	B-25 box	Soil, wood (roots)	10/19/1998	SWT RA	86.0	TRUE	2/5/1999	NA	4006-01-014	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0350	B-25 box	Soil, wood (roots)	10/19/1998	SWT RA	86.0	TRUE	2/5/1999		4006-01-014		Envirocare of Utah	
0351	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Clayey Silt		Co-60 IDW	6.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0352	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Silty Sand		Co-60 IDW	6.0	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0353	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Clayey Silt		Co-60 IDW	6.4	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0354	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Silty Sand		Co-60 IDW	6.8	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0355	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Clayey Silt		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0356	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Clayey Silt		Co-60 IDW	6.0	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0357	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Silty Sand		Co-60 IDW	5.6	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0358	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Clayey Silt		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0359	55 gal drum	(Reclassified debris 9/28/00) 100% Silty Clay		Co-60 IDW	7.1	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500, total volume = 486 cu ft.
0360	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Silty Clay		Co-60 IDW	6.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0361	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Clayey Silt		Co-60 IDW	6.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Good - Waste shipped in roll-off 4662. Total weight = 23,650 lbs., total volume = 486 cubic feet.
0362	55 gal drum	(Reclassified debris 9/29/00)100% Soil: Clayey Silt		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0363	55 gal drum	(Reclassified debris 9/29/00)Brown Bentonite Powder		Co-60 IDW	7.2	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0364	55 gal drum	(Reclassified debris 9/29/00)White Powder Sub., Possibly Grout/Bentonite		Co-60 IDW	7.2	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0365	55 gal drum	(Reclassified debris 9/29/00)Drum Empty		Co-60 IDW	0.0	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0366	55 gal drum	(Reclassified debris 9/29/00)Brown Bentonite Powder		Co-60 IDW	4.1	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 462. Total weight = 23,650, total volume = 486 cu ft.
0367	55 gal drum	(Reclassified debris 9/29/00)Grout/Bentonite, Saturated		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0368	55 gal drum	(Reclassified debris 9/29/00)White Powder, Bentonite		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0369	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt, Grout		Co-60 IDW	1.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight # 23,650, total volume = 486 cu ft.
0370	55 gal drum	(Reclassified debris 9/29/00)Brown/White Powder, Bentonite		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0371	55 gal drum	(Reclassified debris 9/29/00)Silty Sand, Organics		Co-60 IDW	0.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0372	55 gal drum	(Reclassified debris 9/29/00)Silty Sand, Grout, Organics		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0373	55 gal drum	(Reclassified debris 9/29/00)Brown Bentonite		Co-60 IDW	0.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Poor - Waste shipped in roll-off 4662. Total weight = 23,650 lbs., total volume = 486 cubic feet.
0374	55 gal drum	(Reclassified debris 9/29/00)Brown Bentonite		Co-60 IDW	0.4	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0375	55 gal drum	(Reclassified debris 9/29/00)Grout/Bentonite, Saturated		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0376	55 gal drum	(Reclassified debris 9/29/00)Liner/Rust Chips		Co-60 IDW	0.2	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0377	55 gal drum	(Reclassified debris 9/29/00)Soil, Clayey Silt		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0378	55 gal drum	(Reclassified debris 9/29/00)Grout		Co-60 IDW	1.9	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Poor, Pitted, holes - Waste shipped in roll-off 4662. Total weight = 23,650 lbs., total volume = 486 cubic feet.
0379	55 gal drum	(Reclassified debris 9/29/00)Soil, Silty Clay, Grout		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0380	55 gal drum	(Reclassified debris 9/29/00)Soil, Silty Clay, Sand		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0381	55 gal drum	(Reclassified debris 9/29/00)Soil, Clayey Silt, Plastic		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0382	55 gal drum	(Reclassified debris 9/29/00)Soil, Clayey Silt		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0383	55 gal drum	(Reclassified debris 9/29/00)Soil, Clayey Silt		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4622. Total weight = 23,650, total volume = 486 cu ft.
0384	55 gal drum	(Reclassified debris 9/29/00)Soil, Clayey Silt, Some Grout and Plastic		Co-60 IDW	3.0	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0385	55 gal drum	(Reclassified debris 9/29/00)Soil, Clayey Silt, Some Gravel		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4622. Total weight = 23,650, total volume = 486 cu ft.
0386	55 gal drum	(Reclassified debris 9/29/00)Soil, Clay, Some Gravel		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0387	55 gal drum	(Reclassified debris 9/29/00)Soil, Clay, Some PPE		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0388	55 gal drum	(Reclassified debris 9/29/00)Soil, Silty Clay		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0389	55 gal drum	(Reclassified debris 9/29/00)Soil, Clayey Silt, Plastic		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume 486 cu ft.
0390	55 gal drum	(Reclassified debris 9/29/00)100% Soil, Sandy Silt		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0391	55 gal drum	(Reclassified debris 9/29/00)100% Soil, Sandy Silt		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0392	55 gal drum	(Reclassified debris 9/29/00)Gravel, Grout		Co-60 IDW	1.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0393	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt, Some Moist Sand		Co-60 IDW	6.0	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0394	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt with Sand		Co-60 IDW	6.0	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0395	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0396	55 gal drum	(Reclassified debris 9/29/00)Sandy Silt with Clay		Co-60 IDW	6.4	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0397	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	6.0	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume =486 cu ft.
0398	55 gal drum	(Reclassified debris 9/29/00)Silty Sand, Poly		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0399	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	5.3	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0400	55 gal drum	(Reclassified debris 9/28/00) Clayey Silt, Saturated		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0401	55 gal drum	(Reclassified debris 9/28/00) Clayey Silt with Sand, Saturated		Co-60 IDW	3.4	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight 30,500 lbs., total volume = 486 cu ft.
0402	55 gal drum	(Reclassified debris 9/28/00) PPE/H20, No Soil		Co-60 IDW	2.3	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0403	55 gal drum	(Reclassified debris 9/28/00)100% Soil and Some Gravel: Clayey Silt		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0404	55 gal drum	(Reclassified debris 9/28/00)100% Soil: Clayey Silt		Co-60 IDW	2.3	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0405	55 gal drum	(Reclassified debris 9/28/00)100% Soil and Grout: Sandy Silt		Co-60 IDW	2.3	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0406	55 gal drum	(Reclassified debris 9/28/00)100% Soil and Some Gravel: Clayey Silt		Co-60 IDW	0.4	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0407	55 gal drum	(Reclassified debris 9/28/00)30% Soil, 5% PPE		Co-60 IDW	2.3	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0408	55 gal drum	(Reclassified debris 9/28/00)Sandy Silt, Clay, Some Poly		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Poor - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0409	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, Some Sand		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off $ 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0410	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, With Sand		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight 30,500 lbs., total volume = 486 cu ft.
0411	55 gal drum	(Reclassified debris 9/28/00)Sandy Silt, With Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0412	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, With Sand, Saturated		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0413	55 gal drum	Clayey Silt		Co-60 IDW	2.6	TRUE	9/21/1999	92120, 99126 +			Safety Kleen, Aragonite Facility	Shipped w/ stockpiles-manifest #'s 92120, 99126, 92128, 92122, 92132, 92134, 92124, 92138, 92140, 92142, 92136. Destroyed between 9/21/99 - 11/3/99.
0414	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0415	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Gravel		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0416	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Gravel		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0417	55 gal drum	(Reclassified debris 9/29/00)Clay, Some Plastic		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft. 3/7/02: SSIDW034 is a duplicate of SSIDW010.
0418	55 gal drum	(Reclassified debris 9/29/00)Empty Drum, Some Moisture		Co-60 IDW	0.0	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Poor, Pitted, holes - Waste shipped in roll-off 4614. Total weight 25,550 lbs. Total volume 486 cubic feet.
0419	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Grout, Some Gravel		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0420	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0421	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	4.4	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0422	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0423	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0424	55 gal drum	(Reclassified debris 9/29/00)Grout		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in 4614. Total weight 25,550. Total volume = 486 c-ft.
0425	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0426	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in 4614. Total weight 25,550. Total volume = 486 c-ft.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0427	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0428	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0429	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0430	55 gal drum	(Reclassified debris 9/29/00)Silty Sand		Co-60 IDW	3.0	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0431	55 gal drum	(Reclassified debris 9/29/00)Grout, Bentonite		Co-60 IDW	1.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0432	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt, Gravel		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0433	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0434	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt, Some Sand		Co-60 IDW	5.3	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0435	55 gal drum	(Reclassified debris 9/29/00)Grout, Bentonite		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0436	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt, Some Sand/Gravel		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0437	55 gal drum	(Reclassified debris 9/29/00)Silty Sand		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0438	55 gal drum	(Reclassified debris 9/29/00)Sand, Grout		Co-60 IDW	1.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0439	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt, Plastic		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0440	55 gal drum	(Reclassified debris 9/29/00)Grout/Bentonite, Saturated		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume 486 c-ft.
0441	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0442	55 gal drum	(Reclassified debris 9/29/00)White Powder		Co-60 IDW	0.4	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0443	55 gal drum	(Reclassified debris 9/29/00)Grout/Bentonite?		Co-60 IDW	6.8	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll - off 4614. Total weight 25,550. Total volume = 486 c-ft.
0444	55 gal drum	(Reclassified debris 9/29/00)Silty Sand, Fine to Medium		Co-60 IDW	6.0	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0445	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt, Some Sand		Co-60 IDW	6.0	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0446	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	5.7	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0447	55 gal drum	(Reclassified debris 9/29/00)Silty Sand, Saturated		Co-60 IDW	0.4	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0448	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	5.3	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550, total volume = 486 cu ft.
0449	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0450	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 cu ft.
0451	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550, total volume = 486 cu ft.
0452	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Fair, holes - Waste shipped in roll-off 4614. Total weight 25,550 lbs. Total volume 486 cubic feet.
0453	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0454	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Grout		Co-60 IDW	6.4	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0455	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.1	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0456	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.1	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 cu ft.
0457	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 cu ft.
0458	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Grout		Co-60 IDW	1.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 cu ft.
0459	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0460	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550, total volume = 486 cu ft.
0461	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0462	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0463	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Moist		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0464	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.1	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0465	55 gal drum	(Reclassified debris 9/29/00)Grout, Some Soil		Co-60 IDW	4.1	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0466	55 gal drum	(Reclassified debris 9/29/00)Grout, Some Soil		Co-60 IDW	6.0	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550, total volume = 486 cu ft.
0467	55 gal drum	(Reclassified debris 9/28/00) Clayey Silt, Some Sand		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume. SSIDW034 is a duplicate of SSIDW020.
0468	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, Some Gravel		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll-off # 4629. 24,750 lbs. total weight 486 cu ft total volume. SSIDW034 is a duplicate of SSIDW020.
0469	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, Some Organics		Co-60 IDW	6.8	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. Total weight, 486 cu. Ft total volume. SSIDW034 is a duplicate of SSIDW020.
0470	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, Some Organics		Co-60 IDW	6.4	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. Total weight, 486 cu. Ft total volume. SSIDW034 is a duplicate of SSIDW020.
0471	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	6.8	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. Total weight, 486 cu. Ft total volume. SSIDW034 is a duplicate of SSIDW020.
0472	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, Some Organics		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. Total weight, 486 cu. Ft total volume. SSIDW034 is a duplicate of SSIDW020.
0473	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	6.0	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. Total weight, 486 cu. Ft total volume. SSIDW034 is a duplicate of SSIDW020.
0474	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, Stone Organics		Co-60 IDW	6.0	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. Total weight, 486 cu. Ft total volume. SSIDW034 is a duplicate of SSIDW020.
0475	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0476	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0477	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0478	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0479	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0480	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.1	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0481	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0482	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0483	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0484	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0485	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0486	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0487	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0488	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Gravel		Co-60 IDW	6.4	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu. Ft.
0489	55 gal drum	(Reclassified debris 9/28/00)Sandy Silt, Grout		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu. Ft.
0490	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.1	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0491	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0492	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair-Good - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0493	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0494	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0495	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	6.0	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off #4938. Total weight - 30,500 lbs., total volume = 486 cu ft.
0496	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	6.0	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0497	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0498	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	5.7	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0499	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0500	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	6.0	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair-Good - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0501	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair-Good - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0502	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Grout, Gravel		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair-Good - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0503	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.1	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair-Good - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0504	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair-Good - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0505	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Grout		Co-60 IDW	6.4	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair-Good - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0506	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Grout, Gravel		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair-Good - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0507	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair-Good - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0508	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0509	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0510	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0511	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0512	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0513	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.1	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0514	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0515	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt, Some Gravel		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0516	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total weight = 486 cu ft.
0517	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0518	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0519	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0520	55 gal drum	(Reclassified debris 9/29/00)Clayey silt		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0521	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0522	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt, Grout		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0523	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt, Some Grout		Co-60 IDW	6.4	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0524	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0525	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0526	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0527	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0528	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand		Co-60 IDW	5.7	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0529	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4066-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., Total volume = 486 cu ft.
0530	55 gal drum	(Reclassified debris 9/28/00) gravel, concrete, plastic		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0531	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0532	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0533	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand, Gravel		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0534	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0535	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand, Gravel		Co-60 IDW	5.7	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0536	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand, Organics		Co-60 IDW	5.7	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair-Good - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0537	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	5.7	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0538	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Some Sand		Co-60 IDW	5.7	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650 lbs., total volume = 486 cu ft.
0539	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0540	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand		Co-60 IDW	6.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0541	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	5.7	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0542	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0543	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	5.7	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500, total volume = 4896 cu ft.
0544	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	6.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0545	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30, 500 lbs., total volume = 486 cu ft.
0546	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Sand		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0547	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0548	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0549	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Saturated		Co-60 IDW	6.4	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0550	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0551	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0552	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	5.3	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0553	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0554	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0555	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, Saturated		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0556	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.1	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0557	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0558	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Fair-Good - Packaged and shipped in roll-off #4629. 24,750 lbs. total weight, 486 cubic feet total volume.
0559	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume. SSIDW036 is a duplicate of SSIDW030.
0560	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume. SSIDW036 is a duplicate of SSIDW030.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0561	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. Total weight, 486 cu. Ft total volume. SSIDW036 is a duplicate of SSIDW030.
0562	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume. SSIDW036 is a duplicate of SSIDW030.
0563	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. Total weight, 486 cu. Ft total volume. SSIDW036 is a duplicate of SSIDW030.
0564	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, Poly		Co-60 IDW	4.1	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. Total weight, 486 cu. Ft total volume. SSIDW036 is a duplicate of SSIDW030.
0565	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and shipped in roll- off #4629. 24, 750 lbs. Total weight, 486 cu. Ft total volume. SSIDW036 is a duplicate of SSIDW030.
0566	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume. SSIDW036 is a duplicate of SSIDW030.
0567	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume. SSIDW036 is a duplicate of SSIDW030.
0568	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume. SSIDW036 is a duplicate of SSIDW030.
0569	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0570	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Fair-Good - Packaged and shipped in roll-off # 4629. 24,750 lbs. total weight, 486 cubic feet total volume.
0571	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	5.7	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0572	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0573	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt, Some Gravel		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0574	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0575	55 gal drum	(Reclassified debris 9/28/00)Clayey Silt		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0576	55 gal drum	(Reclassified debris 9/28/00)Silty Clay, Some Gravel		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-002	NA	Envirocare of Utah	Packaged and Shipped in roll-off #4629. 24, 750 lbs. total weight, 486 cu ft. total volume.
0577	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.9	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu. Ft.
0578	55 gal drum	(Reclassified debris 9/28/00)Sandy Silt		Co-60 IDW	0.4	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0579	55 gal drum	(Reclassified debris 9/28/00)Silty Sand, Some Gravel		Co-60 IDW	3.0	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0580	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	2.3	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight 30,500 lbs., total volume = 486 cu ft.
0581	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0582	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0583	55 gal drum	(Reclassified debris 9/28/00)Grout		Co-60 IDW	6.4	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0584	55 gal drum	(Reclassified debris 9/28/00)Silty Clay		Co-60 IDW	3.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0585	55 gal drum	(Reclassified debris 9/28/00)Grout		Co-60 IDW	6.8	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0586	55 gal drum	(Reclassified debris 9/28/00)Grout		Co-60 IDW	0.4	TRUE	9/28/2000	NA	4006-02-001	NA	Envirocare of Utah	Shipped in roll-off # 4938. Total weight = 30,500 lbs., total volume = 486 cu ft.
0587	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.1	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume 486c-ft.
0588	55 gal drum	(Reclassified debris 9/29/00)Silty Clay, Grout		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-0ff 4614. Total weight 25,550. Total volume = 486 c-ft.
0589	55 gal drum	(Reclassified debris 9/29/00)Silty Clay		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0590	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0591	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0592	55 gal drum	(Reclassified debris 9/29/00)Clayey Silt		Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-003	NA	Envirocare of Utah	Waste shipped in roll-off 4614. Total weight 25,550. Total volume = 486 c-ft.
0593	55 gal drum	(Reclassified debris 9/28/00)PPE, Poly Sheeting		Co-60 IDW	5.7	TRUE	9/27/2000	NA	4006-02-001	NA	Envirocare of Utah	Fair - Shipped in roll-off #4938. Total weight = 30,500 lbs., total volume = 486 cubic feet.
0594	55 gal drum	(Reclassified debris 9/29/00)PPE, Poly Sheeting		Co-60 IDW	5.7	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0595	55 gal drum	(Reclassified debris 9/29/00)PPE		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Fair - Waste shipped in roll-off 4662. Total weight = 23,650 lbs., total volume = 486 cubic feet.
0596	55 gal drum	(Reclassified debris 9/29/00)PPE, Poly Sheeting, Trash		Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0597	55 gal drum	(Reclassified debris 9/29/00)PPE, Poly Sheeting, Trash	3/2/1994	Co-60 IDW	5.7	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0598	55 gal drum	(Reclassified debris 9/29/00)PPE, Poly Sheeting, Trash		Co-60 IDW	5.7	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Fair - Waste shipped in roll-off 4662. Total weight = 23,650 lbs., total volume = 486 cubic feet.
0599	55 gal drum	(Reclassified debris 9/29/00)PPE		Co-60 IDW	7.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0600	55 gal drum	(Reclassified debris 9/29/00)PPE, Poly Sheeting, Trash		Co-60 IDW	7.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0601	55 gal drum	(Reclassified debris 9/29/00)PPE, Poly Sheeting		Co-60 IDW	0.4	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0602	55 gal drum	(Reclassified debris 9/29/00)PPE		Co-60 IDW	0.4	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0603	55 gal drum	(Reclassified debris 9/29/00)PPE	9/1/1998	Co-60 IDW	3.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0604	55 gal drum	Poly Bailers, Electric Sump Pump, Hose, Sediment from WSIDW005	9/1/1998	Co-60 IDW	3.0	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0605	55 gal drum	(Reclassified debris 9/29/00)PPE	9/1/1998	Co-60 IDW	6.8	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0606	55 gal drum	(Reclassified debris 9/29/00)PPE - Co-60	9/1/1998	Co-60 IDW	4.5	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650 , total volume = 486 cu ft.
0607	55 gal drum	(Reclassified debris 9/29/00)PPE		Co-60 IDW	2.3	TRUE	9/28/2000	NA	4006-02-004	NA	Envirocare of Utah	Waste shipped in roll-off # 4662. Total weight = 23,650, total volume = 486 cu ft.
0608	55 gal drum	Liquid, 100%		Co-60 IDW	4.5	TRUE	10/7/1999	NA	NA	NA	UCD Sanitary Sewer	Good
0609	55 gal drum	Liquid, 100%		Co-60 IDW	4.5	TRUE	10/7/1999	NA	NA	NA	UCD Sanitary Sewer	
0610	55 gal drum	Liquid, 100%		Co-60 IDW	3.0	TRUE	10/7/1999	NA	NA	NA	UCD Sanitary Sewer	Good
0611	55 gal drum	Liquid, 100%		Co-60 IDW	3.0	TRUE	10/7/1999	NA	NA	NA	UCD Sanitary Sewer	Good
0612	55 gal drum	Liquid, 100%		Co-60 IDW	0.4	TRUE	10/7/1999	NA	NA	NA	UCD Sanitary Sewer	Good
0613	55 gal drum	Liquid, 100%		Co-60 IDW	4.5	TRUE	10/7/1999	NA	NA	NA	UCD Sanitary Sewer	Good
0614	55 gal drum	Liquid, 100%		Co-60 IDW	3.0	TRUE	10/7/1999	NA	NA	NA	UCD Sanitary Sewer	Good
0615	55 gal drum	Liquid, 100%		Co-60 IDW	2.3	TRUE	10/7/1999	NA	NA	NA	UCD Sanitary Sewer	Good
0616	55 gal drum	Liquid, 100%		Co-60 IDW	0.4	TRUE	10/7/1999	NA	NA	NA	UCD Sanitary Sewer	
0617	2 gallon poly bucket	Squirrel, Biowaste		Co-60 IDW		TRUE	10/7/1999	NA	NA	NA	Sent to Sanitary Landfill	Waste designated as clean and sent to sanitary landfill.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0618	85 gal bucket	Liquid, 100%		Co-60 IDW	1.5	TRUE	10/7/1999	NA	NA	NA	Sent to Sanitary Landfill	Inner: Poor, Outer: Good
0619	85 gal bucket	Liquid, 100%		Co-60 IDW	1.5	TRUE	10/7/1999	NA	NA	NA	Sent to Sanitary Landfill	Inner: Poor, Outer: Good
0620	55 gal drum	Decon Water, 100%	9/1/1998	Co-60 IDW	3.8	TRUE	10/7/1999	NA	NA	NA	Sent to Sanitary Landfill	Good; Co-60 IDW Sampling 9/98-10/98, Decon Water
0621	55 gal drum	Liquid, 100%	9/1/1998	Co-60 IDW	6.8	TRUE	10/7/1999	NA	NA	NA	Sent to Sanitary Landfill	Good; Co-60 IDW Sampling 9/98-10/98
0622	55 gal drum	Liquid, 100%	9/1/1998	Co-60 IDW	6.8	TRUE	10/7/1999	NA	NA	NA	Sent to Sanitary Landfill	Good; Co-60 IDW Sampling 9/98-10/98
0623	55 gal drum	Liquid, 100%	9/1/1998	Co-60 IDW	6.8	TRUE	10/7/1999	NA	NA	NA	Sent to Sanitary Landfill	Good; Co-60 IDW Sampling 9/98-10/98
0624	55 gal drum	Liquid, Decon 100%		SWT RA	0.0	discharged	NA	NA	NA	NA	NA	Good; IDW-1998 RA Sample Equipment Decon Decon water discharged to the UCD sanitary sewer 1/24/01
0625	55 gal drum	Liquid, Decon 100%		SWT RA	0.0	discharged	NA	NA	NA	NA	NA	Good; IDW-1998 RA Sample Equipment Decon Decon water discharged to the UCD sanitary sewer 1/24/01
0626	55 gal drum	Liquid, Decon 100%		SWT RA	0.0	discharged	NA	NA	NA	NA	NA	Good; IDW-1998 RA Sample Equipment Decon Decon water discharged to the UCD sanitary sewer 1/24/01
0627	55 gal drum	Liquid, Decon 100%	7/14/1998	SWT RA	0.0	discharged	NA	NA	NA	NA	NA	Good; IDW-1998 RA Sample Equipment Decon Decon water discharged to the UCD sanitary sewer 1/24/01
0628	55 gal drum	95% absorbed water, 5% samples	12/10/1998	Ra/Sr Area 2	6.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	IDW-Nitrate Delineation Drilling drum added to Ra/Sr RA Area 2 waste stream. Solidified with Water Works SP-400 absorbent.
0629	55 gal drum	Soil - SWT Drill Cuttings	12/14/1998	SWT RA		transferred	NA	NA	NA	NA	NA	IDW-Nitrate Delineation Drilling - Contents transferred to LEHR0178.
0630	55 gal drum	Decon Water - (SWT No3 Drilling)	12/16/1998	SWT RA	0.0	transferred	NA	NA	NA	NA	NA	IDW-Nitrate Delineation Drilling waste solidified with water works Super absorbent and added to Ra/Sr RA 2 waste strea, SST packages
0631	85 gal drum	Decon Water - (SWT No3 Delineation)	12/22/1998	SWT RA	0.0	transferred	NA	NA	NA	NA	NA	Leaking drum, overpacked; IDW-Nitrate Delineation Drilling . Waste solidified with waterworks Super Absorbent and added to Ra/Sr 2 waste stream, SST packages
0632	55 gal drum	Soil - Drill Cuttings, SWT No3 WP	12/22/1998	SWT RA		transferred	NA	NA	NA	NA	NA	IDW-Nitrate Delineation Drilling - Contents transferred to LEHR0178.
0633	55 gal drum	90% PPE, 05% Plastic, 05% Debris	3/5/1999	EDP		TRUE	2/1/2001	NA	4006-03-038	NA	Envirocare of Utah	Eastern Dog Pens Background Investigation - Surface Soil Sampling; Contents transferred to LEHR0767
0634	B-25 box	92% Soil, 3% Debris, PPE, One length of Drainage Pipe	5/18/1999	DSS2	90.0	TRUE	2/8/2001	NA	4006-03-043	NA	Envirocare of Utah	Waste characterized with composite samples of the selected B-25s during generation of this waste str
0635	B-25 box	95% Soil, 3% Debris	5/19/1999	DSS2	94.0	TRUE	2/8/2001	NA	4006-03-042	NA	Envirocare of Utah	Waste characterized with composite samples of the selected B-25s during generation of this waste str
0636	B-25 box	78% Soil, 8% Debris, 2% PPE, 10% Manhole Ring and Cover	5/20/1999	DSS2	94.0	TRUE	2/8/2001	NA	4006-03-044	NA	Envirocare of Utah	
0637	B-25 box	82% Soil, 8% Drainage Pipe, 2% PPE	5/21/1999	DSS2	88.0	TRUE	2/5/2001	NA	4006-03-039	NA	Envirocare of Utah	7.5 South, 5 East and 7.5 South, 4-5.5 East for Drainage Pipe
0638	B-25 box	70% Soil, 18% Concrete, 2% Rebar	5/24/1999	DSS2	87.0	TRUE	2/8/2001	NA	4006-03-043	NA	Envirocare of Utah	
0639	B-25 box	80% Soil, 10% Concrete	5/24/1999	DSS2	86.4	TRUE	2/8/2001	NA	4006-03-044	NA	Envirocare of Utah	
0640	B-25 box	70% Soil, 20% Concrete, 2% Rebar	5/24/1999	DSS2	88.0	TRUE	2/8/2001	NA	4006-03-044	NA	Envirocare of Utah	
0641	B-25 box	70% Soil, 20% Concrete, 2% Rebar	5/24/1999	DSS2	88.0	TRUE	2/8/2001	NA	4006-03-043	NA	Envirocare of Utah	
0642	B-25 box	85% Soil, 4% Concrete, 1% Rebar	5/24/1999	DSS2	86.5	TRUE	2/8/2001	NA	4006-03-044	NA	Envirocare of Utah	
0643	B-25 box	75% Soil, 10% Concrete, 3% Rebar, 2% PPE	5/25/1999	DSS2	86.5	TRUE	2/8/2001	NA	4006-03-042	NA	Envirocare of Utah	
0644	B-25 box	45% Soil, 45% Concrete, 2% Rebar	5/25/1999	DSS2	88.0	TRUE	2/8/2001	NA	4006-03-043	NA	Envirocare of Utah	
0645	B-25 box	10% Soil, 70% Concrete, 10% Rebar	5/25/1999	DSS2	86.5	TRUE	2/8/2001	NA	4006-03-043	NA	Envirocare of Utah	
0646	B-25 box	10% Soil, 75% Concrete, 5% Rebar	5/25/1999	DSS2	86.5	TRUE	2/8/2001	NA	4006-03-042	NA	Envirocare of Utah	
0647	B-25 box	10% Soil, 65% Concrete, 5% Rebar, 5% Manhole Ring, 5% Manhole Cover	5/25/1999	DSS2	86.5	TRUE	2/5/2001	NA	4006-03-041	NA	Envirocare of Utah	Waste characterized with composite samples of the selected B-25s generated during generation of this
0648	B-25 box	15% Soil, 60% Concrete, 5% Rebar, 5% Manhole Ring, 5% Manhole Cover	5/25/1999	DSS2	86.5	TRUE	2/8/2001	NA		NA	Envirocare of Utah	
0649	B-25 box	45% Soil, 30% Concrete, 2.5% Rebar, 5% Manhole Ring, 5% Manhole Cover, 2.5%	5/25/1999	DSS2	86.5	TRUE	2/12/2001	NA	4006-03-045	NA	Envirocare of Utah	
0650	B-25 box	10% Soil, 40% Concrete, 40% Rebar	5/26/1999	DSS2	86.5	TRUE	2/5/2001	NA	4006-03-041		Envirocare of Utah	Waste characterized with composite samples of the selected B-25s generated during generation of this

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0651	Stock pile	Soil		SWT RA	1215.0	transferred	NA	NA	NA	NA	NA	Northern Excavation Overburden; Additional O.B. generated during benching/sloping of northern excavation. Formerly known as Sharps Additional Sampling 3/21/01 Contents transferred to LEHR 1691. 11/7/01
0652	Stock pile	Soil		SWT RA	5601.0	transferred	NA	NA	NA	NA	NA	690 cu ft. transferred to LL. The LL are 1642, 1643 and 1644. These are imported with chlordane. Contents transferred 11/7/01 to LEHR 1691.
0653	Stock pile	Soil		SWT RA	4266.0	transferred	NA	NA	NA	NA	NA	Overburden; Stored in western portion of aisle 2 of WDP. Contents transferred to LEHR 1691. 11/7/01
0654	Stock pile	Soil	7/30/1999	Ra/Sr Area 1		reused	NA	NA	NA	NA	Reused onsite	Overburden; 40 yards & 20 yards segregated & moved to temporary waste staging area & Co- 60 field (see WMTS 1613 &1614), 380 cub feet of remaining material used as lockfill for Ra/Sr Rt area II. Area 1 resampled for metals. The samples removed from this package (CWRSC029, 030, 031, 038, 039, 058, 059, and 060) are representative of lift liners of waste scheduled for disposal at Envirocare of Utah.
0655	Stock pile	Asphalt, Soil	5/7/1999	Ra/Sr Area 1	4104.0	TRUE	10/1/1999	NA	NA	NA	Reused onsite	Asphalt reused on site.
0656	B-25 box	30% Soil, 40% Concrete, 20% Rebar	5/26/1999	DSS2	86.0	TRUE	2/5/2001	NA	4006-03-041	NA	Envirocare of Utah	
0657	B-25 box	65% Soil, 20% Concrete, 5% Rebar	5/26/1999	DSS2	86.0	TRUE	2/5/2001	NA	4006-03-040	NA	Envirocare of Utah	
0658	B-25 box	70% Soil, 20% Concrete, 2% Rebar	5/26/1999	DSS2	88.0	TRUE	2/5/2001	NA	4006-03-040	NA	Envirocare of Utah	
0659	B-25 box	80% Soil, 10% Concrete, 1% Rebar	5/26/1999	DSS2	87.0	TRUE	2/5/2001	NA	4006-03-039	NA	Envirocare of Utah	
0660	B-25 box	86% Soil, 6% Concrete	5/26/1999	DSS2	88.0	TRUE	2/5/2001	NA	4006-03-040	NA	Envirocare of Utah	
0661	B-25 box	90% Soil, 3% Concrete	5/26/1999	DSS2	89.0	TRUE	2/5/2001	NA	4006-03-041	NA	Envirocare of Utah	
0662	B-25 box	45% Soil, 45% Concrete, 4% Rebar, 1% Drainage Pipe	5/24/1999	DSS2	91.0	TRUE	2/5/2001	NA	4006-03-040	NA	Envirocare of Utah	
0663	B-25 box	91% Soil, 1% PPE	5/26/1999	Ra/Sr Area 1	88.0	TRUE	2/1/2001	NA	4006-03-038	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0664	B-25 box	90% Soil, 3% PPE	6/1/1999	Ra/Sr Area 1	89.0	TRUE	2/5/2001	NA	4006-03-039	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0665	B-25 box	87% Soil, 2.5% Manhole Ring, 2.5% Manhole Cover	6/1/1999	Ra/Sr Area 1	88.0	TRUE	2/1/2001	NA	4006-03-038	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0666	B-25 box	94% Soil	6/1/1999	Ra/Sr Area 1	90.0	TRUE	2/5/2001	NA	4006-03-035	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0667	B-25 box	20% Soil, 65% Concrete, 5% Rebar	6/1/1999	Ra/Sr Area 1	86.0	TRUE	2/12/2001	NA	4006-03-045	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0668	B-25 box	60% Soil, 25% Concrete, 10% cobble	6/1/1999	Ra/Sr Area 1	91.0	TRUE	2/1/2001	NA	4006-03-037	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0669	B-25 box	65% Soil, 30% cobble	6/1/1999	Ra/Sr Area 1	91.0	TRUE	2/1/2001	NA	4006-03-038	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0670	B-25 box	60% Soil, 35% cobble	6/1/1999	Ra/Sr Area 1	91.0	TRUE	2/1/2001	NA	4006-03-037	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0671	B-25 box	50% cobble, 40% Soil, 1% PPE	6/2/1999	Ra/Sr Area 1	87.0	TRUE	2/1/2001	NA	4006-03-038	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0672	B-25 box	90% Soil	6/2/1999	Ra/Sr Area 1	86.0	TRUE	2/1/2001	NA	4006-03-037	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0673	B-25 box	50% Soil, 45% cobble	6/2/1999	Ra/Sr Area 1	91.0	TRUE	2/1/2001	NA	4006-03-038	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0674	B-25 box	95% Soil, 1% PPE	6/3/1999	Ra/Sr Area 1	92.0	TRUE	2/1/2001	NA	4006-03-037	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0675	B-25 box	96% Soil, 1% PPE	6/4/1999	Ra/Sr Area 1	93.0	TRUE	2/1/2001	NA	4006-03-036	NA	Envirocare of Utah	DB and associated piping to DW1 Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions. Waste compatible with containers and other waste material packaged with it.
0676	B-25 box	94% Soil, 1% PPE	6/4/1999	Ra/Sr Area 1	91.0	TRUE	2/1/2001	NA	4006-03-036	NA	Envirocare of Utah	DB and associated piping to DW1. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0677	B-25 box	90% Soil, 3% Drainage Pipe	6/4/1999	Ra/Sr Area 1	89.0	TRUE	2/1/2001	NA	4006-03-037	NA	Envirocare of Utah	DB and associated piping to DW1. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0678	B-25 box	95% Soil, 2% PPE	6/7/1999	Ra/Sr Area 1	93.0	TRUE	2/1/2001	NA	4006-03-036	NA	Envirocare of Utah	DB and associated piping to DW1. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0679	B-25 box	95% Soil, 1% Debris	6/7/1999	Ra/Sr Area 1	92.0	TRUE	1/30/2001	NA	40006-03-035	NA	Envirocare of Utah	DB and associated piping to DW1. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0680	B-25 box	97% Soil, 1% Debris	6/7/1999	Ra/Sr Area 1	94.0	TRUE	1/30/2001	NA	4006-03-035	NA	Envirocare of Utah	DB and associated piping to DW2. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0681	B-25 box	95% Soil, 2% Debris	6/7/1999	Ra/Sr Area 1	93.0	TRUE	1/30/2001	NA	4006-03-035	NA	Envirocare of Utah	DB and associated piping to DW2. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0682	B-25 box	96% Soil, 2% Debris	6/7/1999	Ra/Sr Area 1	94.0	TRUE	1/30/2001	NA	4006-03-035	NA	Envirocare of Utah	DB and associated piping to DW2. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0683	B-25 box	93% Soil, 2% Debris	6/7/1999	Ra/Sr Area 1	91.0	TRUE	1/30/2001	NA	4006-03-034	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0684	B-25 box	60% Soil, 37% Concrete	6/7/1999	Ra/Sr Area 1	93.0	TRUE	2/1/2001	NA	4006-03-036	NA	Envirocare of Utah	Upper 4 ft of DW2 in this box. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0685	B-25 box	85% Soil, 10% Concrete	6/7/1999	Ra/Sr Area 1	91.0	TRUE	2/1/2001	NA	4006-03-036	NA	Envirocare of Utah	> 5' deep. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0686	B-25 box	90% Soil, 4% Concrete, 1% PPE	6/7/1999	Ra/Sr Area 1	91.0	TRUE	1/30/2001	NA	4006-03-035	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0687	B-25 box	75% Soil, 20% Concrete, 1% Drainage Pipe	6/8/1999	Ra/Sr Area 1	92.0	TRUE	1/30/2001	NA	4006-03-034	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0688	B-25 box	55% Soil, 40% Concrete	6/8/1999	Ra/Sr Area 1	91.0	TRUE	1/30/2001	NA	4006-03-033	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0689	B-25 box	70% Soil, 25% Concrete	6/8/1999	Ra/Sr Area 1	91.0	TRUE	1/30/2001	NA	4006-03-034	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0690	B-25 box	90% Soil, 1% Concrete, 1% Drainage Pipe, 1% PPE, 0.5% Debris, 0.5% Wood	6/9/1999	Ra/Sr Area 1	90.0	TRUE	1/30/2001	NA	4006-03-033	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0691	B-25 box	90% Soil, 1% Debris	6/9/1999	Ra/Sr Area 1	87.0	TRUE	1/30/2001	NA	4006-03-034	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0692	B-25 box	80% Soil	6/9/1999	Ra/Sr Area 1	77.0	TRUE	1/30/2001	NA	40006-03-033	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0693	B-25 box	80% Soil	6/9/1999	Ra/Sr Area 1	77.0	TRUE	1/30/2001	NA	4006-03-034	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0694	B-25 box	80% Soil	6/9/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-032	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0695	B-25 box	78% Soil	6/9/1999	Ra/Sr Area 1	75.0	TRUE	1/30/2001	NA	4006-03-033	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0696	B-25 box	75% Soil, 5% Debris	6/9/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-032	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0697	B-25 box	80% Soil	6/9/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-031	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0698	B-25 box	80% Soil	6/9/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-032	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0699	B-25 box	78% Soil, 2% Concrete	6/9/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-032	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0700	B-25 box	77% Soil, 3% Concrete	6/9/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-032	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0701	B-25 box	60% Soil, 10% Concrete, 10% cobble	6/9/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-032	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0702	B-25 box	60% Soil, 30% Stone	6/9/1999	Ra/Sr Area 1	86.0	TRUE	1/30/2001	NA	4006-03-033	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0703	B-25 box	90% Soil, 1% PPE, 1% Debris	6/9/1999	Ra/Sr Area 1	88.0	TRUE	1/25/2001	NA	4006-03-031	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0704	B-25 box	80% Soil	6/10/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-030	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0705	B-25 box	80% Soil	6/10/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-031	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0706	B-25 box	80% Soil, 1% Drainage Pipe	6/10/1999	Ra/Sr Area 1	78.0	TRUE	1/25/2001	NA	4006-03-031	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0707	B-25 box	80% Soil	6/10/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-031	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0708	B-25 box	80% Soil	6/10/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-031	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0709	B-25 box	80% Soil	6/10/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-030	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0710	B-25 box	80% Soil	6/10/1999	Ra/Sr Area 1	77.0	TRUE	1/25/2001	NA	4006-03-030	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0711	B-25 box	76% Soil, 4% Debris, 2% PPE	6/11/1999	Ra/Sr Area 1	79.0	TRUE	1/25/2001	NA	4006-03-030	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0712	B-25 box	85% Soil, 1% Debris	6/14/1999	Ra/Sr Area 1	83.0	TRUE	1/25/2001	NA	4006-03-030	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0713	B-25 box	85% Soil	6/14/1999	Ra/Sr Area 1	82.0	TRUE	1/25/2001	NA	4006-03-030	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0714	B-25 box	85% Soil, 1% Drainage Pipe	6/14/1999	Ra/Sr Area 1	83.0	TRUE	1/22/2001	NA	4006-03-029	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0715	B-25 box	60% Soil, 30% Concrete	6/14/1999	Ra/Sr Area 1	86.0	TRUE	1/22/2001	NA	4006-03-029	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0716	B-25 box	75% Soil, 20% Concrete	6/14/1999	Ra/Sr Area 1	91.0	TRUE	1/22/2001	NA	4006-03-029	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0717	B-25 box	94% Soil	6/14/1999	Ra/Sr Area 1	90.0	TRUE	1/22/2001	NA	4006-03-028	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0718	B-25 box	92% Soil, 1% Drainage Pipe	6/14/1999	Ra/Sr Area 1	89.0	TRUE	1/22/2001	NA	4006-03-029	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0719	B-25 box	90% Soil	6/14/1999	Ra/Sr Area 1	86.0	TRUE	1/22/2001	NA	4006-03-029	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0720	B-25 box	80% Soil, 5% Concrete	6/14/1999	Ra/Sr Area 1	82.0	TRUE	1/22/2001	NA	4006-03-028	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0721	B-25 box	87% Soil, 5% Concrete	6/14/1999	Ra/Sr Area 1	88.0	TRUE	1/22/2001	NA	4006-03-028	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0722	B-25 box	95% Soil	6/14/1999	Ra/Sr Area 1	91.0	TRUE	1/22/2001	NA	4006-03-028	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0723	B-25 box	74% Soil, 20% cobble	6/14/1999	Ra/Sr Area 1	90.0	TRUE	1/18/2001	NA	4006-03-024	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0724	B-25 box	60% Soil, 30% cobble	6/15/1999	Ra/Sr Area 1	86.0	TRUE	1/22/2001	NA	4006-03-027	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0725	B-25 box	82% Soil, 10% cobble	6/15/1999	Ra/Sr Area 1	88.0	TRUE	1/22/2001	NA	4006-03-027	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0726	B-25 box	85% Soil, 10% cobble	6/16/1999	Ra/Sr Area 1	91.0	TRUE	1/22/2001	NA	4006-03-027	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0727	B-25 box	65% Soil, 30% cobble	6/15/1999	Ra/Sr Area 1	91.0	TRUE	1/22/2001	NA	4006-03-027	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0728	B-25 box	70% Soil, 20% cobble, 1% PPE	6/15/1999	Ra/Sr Area 1	87.0	TRUE	1/22/2001	NA	4006-03-028	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0729	B-25 box	90% Soil, 5% cobble	6/16/1999	Ra/Sr Area 1	91.0	TRUE	1/18/2001	NA	4006-03-026	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0730	B-25 box	92% Soil	6/16/1999	Ra/Sr Area 1	88.0	TRUE	1/18/2001	NA	4006-03-026	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0731	B-25 box	80% Soil, 2% Drainage Pipe	6/16/1999	Ra/Sr Area 1	79.0	TRUE	1/18/2001	NA	4006-03-026	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions. Waste compatible with containers and other waste material packaged with it.
0732	B-25 box	80% Soil, 5% Concrete, 5% cobble	6/16/1999	Ra/Sr Area 1	86.0	TRUE	1/18/2001	NA	4006-03-025	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0733	B-25 box	85% Soil, 10% cobble	6/16/1999	Ra/Sr Area 1	91.0	TRUE	1/18/2001	NA	4006-03-026	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0734	B-25 box	55% Soil, 30% cobble, 5% Concrete	6/16/1999	Ra/Sr Area 1	86.0	TRUE	1/18/2001	NA	4006-03-025	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0735	B-25 box	60% Soil, 35% cobble	6/16/1999	Ra/Sr Area 1	91.0	TRUE	1/18/2001	NA	4006-03-026	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0736	B-25 box	50% Soil, 40% cobble, 1% PPE, 1% Concrete	6/17/1999	Ra/Sr Area 1	88.0	TRUE	1/18/2001	NA	4006-03-025	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0737	B-25 box	55% Soil, 40% cobble	6/17/1999	Ra/Sr Area 1	91.0	TRUE	1/22/2001	NA	4006-03-027	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0738	B-25 box	55% Soil, 40% cobble	6/17/1999	Ra/Sr Area 1	91.0	TRUE	1/18/2001	NA	4006-03-025	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0739	B-25 box	50% Soil, 30% cobble	6/17/1999	Ra/Sr Area 1	77.0	TRUE	1/18/2001	NA	4006-03-024	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0740	B-25 box	50% Soil, 30% cobble	6/17/1999	Ra/Sr Area 1	77.0	TRUE	1/18/2001	NA	4006-03-025	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0741	B-25 box	50% Soil, 30% cobble	6/17/1999	Ra/Sr Area 1	77.0	TRUE	1/18/2001	NA	4006-03-024	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0742	B-25 box	55% Soil, 10% cobble, 10% Concrete, 4% Wood, 1% PPE	6/18/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-017	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0743	B-25 box	80% Soil	6/18/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-017	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0744	B-25 box	65% Soil, 5% Concrete, 5% cobble, 4% Wood, 1% Drainage Pipe	6/18/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-017	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0745	B-25 box	50% Soil, 25% cobble, 5% Concrete	6/18/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-018	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0746	B-25 box	39% Soil, 40% cobble, 1% Drainage Pipe	6/21/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-019	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0747	B-25 box	50% Soil, 30% cobble	6/21/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-019	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0748	B-25 box	49% Soil, 30% cobble, 1% PPE	6/21/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-019	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0749	B-25 box	50% Soil, 28% cobble, 2% Concrete	6/21/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-019	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0750	B-25 box	55% Soil, 25% cobble	6/21/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-020	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0751	B-25 box	70% Soil, 10% cobble	6/21/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-020	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0752	B-25 box	69% Soil, 10% cobble, 1% PPE	6/21/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-020	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0753	B-25 box	77% Soil, 2% Bags of Plastic, 1% PPE	6/22/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-020	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0754	B-25 box	75% Soil, 10% Fence	6/22/1999	Ra/Sr Area 1	81.6	TRUE	1/3/2001	NA	4006-03-013	NA	Envirocare of Utah	Fencing from WDP. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0755	B-25 box	50% Soil, 20% cobble, 10% Fence	6/22/1999	Ra/Sr Area 1	77.0	TRUE	1/3/2001	NA	4006-03-013	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0756	B-25 box	65% Soil, 10% Fence, 7% cobble, 2% Bags of Plastic, 1% PPE	6/22/1999	Ra/Sr Area 1	81.6	TRUE	1/3/2001	NA	4006-03-013	NA	Envirocare of Utah	Fencing from WDP. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0757	B-25 box	70% Soil, 8% cobble, 2% PPE	6/22/1999	Ra/Sr Area 1	77.0	TRUE	1/3/2001	NA	4006-03-013	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0758	B-25 box	70% Soil, 18% cobble, 1% PPE, 1% Bag of Plastic	6/22/1999	Ra/Sr Area 1	86.4	TRUE	1/3/2001	NA	4006-03-013	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0759	B-25 box	66% Soil, 10% Metal, 2% PPE, 2% Plastic	6/22/1999	Ra/Sr Area 1	76.8	TRUE	1/3/2001	NA	4006-03-013	NA	Envirocare of Utah	Metal is fence material from WDP. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0760	B-25 box	84% Soil, 6% PPE	6/23/1999	Ra/Sr Area 1	86.4	TRUE	1/3/2001	NA	4006-03-014	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0761	B-25 box	50% Soil, 27% cobble, 3% PPE	6/23/1999	Ra/Sr Area 1	76.8	TRUE	1/3/2001	NA	4006-03-014	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0762	B-25 box	47% Soil, 30% cobble, 3% PPE	6/23/1999	Ra/Sr Area 1	76.8	TRUE	1/3/2001	NA	4006-03-014	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0763	B-25 box	60% Soil, 17% cobble, 3% PPE	6/23/1999	Ra/Sr Area 1	77.0	TRUE	1/3/2001	NA	4006-03-014	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0764	B-25 box	60% Soil, 16% cobble, 4% PPE	6/23/1999	Ra/Sr Area 1	77.0	TRUE	1/3/2001	NA	4006-03-014	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0765	B-25 box	77% Soil, 3% PPE	6/23/1999	Ra/Sr Area 1	77.0	TRUE	1/3/2001	NA	4006-03-014	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0766	B-25 box	90% Soil, 3% Wood, 2% Plastic Bags, 1% PPE	6/23/1999	Ra/Sr Area 1	92.0	TRUE	1/8/2001	NA	4006-03-015	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0767	B-25 box	60% Soil, 23% Metal, 2% PPE	6/24/1999	Ra/Sr Area 1	81.6	TRUE	1/8/2001	NA	4006-03-015	NA	Envirocare of Utah	1) Contents transferred from LEHR 0345, 0344, 0633; 2) WDP Fence Posts. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0768	B-25 box	60% Soil, 20% cobble	6/24/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-015	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0769	B-25 box	55% Soil, 25% cobble	6/24/1999	Ra/Sr Area 1	77.0	TRUE	2/5/2001	NA	4006-03-039	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0770	B-25 box	55% Soil, 25% cobble	6/24/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-015	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0771	B-25 box	70% Soil, 10% cobble, 1% PPE	6/24/1999	Ra/Sr Area 1	78.0	TRUE	1/8/2001	NA	4006-03-015	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0772	B-25 box	60% Soil, 20% cobble	6/24/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-015	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0773	B-25 box	60% Soil, 20% cobble	6/24/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-016	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0774	B-25 box	75% Soil, 5% Concrete	6/24/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-016	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0775	B-25 box	80% Soil	6/24/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-016	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0776	B-25 box	80% Soil	6/25/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-016	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0777	B-25 box	75% Soil, 5% cobble	6/25/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-016	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0778	B-25 box	70% Soil, 10% cobble	6/25/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-016	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0779	B-25 box	40% Soil, 30% cobble	6/25/1999	Ra/Sr Area 1	67.0	TRUE	1/8/2001	NA	4006-03-017	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0780	B-25 box	70% Soil, 10% cobble	6/25/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03017	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0781	B-25 box	60% Soil, 20% cobble	6/25/1999	Ra/Sr Area 1	77.0	TRUE	1/8/2001	NA	4006-03-017	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0782	B-25 box	70% Soil, 10% cobble	6/25/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-018	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0783	B-25 box	43% Soil, 30% cobble, 2% Drainage Pipe	6/25/1999	Ra/Sr Area 1	72.0	TRUE	1/11/2001	NA	4006-03-018	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0784	B-25 box	65% Soil, 10% cobble	6/25/1999	Ra/Sr Area 1	72.0	TRUE	1/11/2001	NA	4006-03-018	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0785	B-25 box	77% Soil, 2% Concrete, 1% PPE	6/28/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-018	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0786	B-25 box	20% Soil, 60% cobble	6/28/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-018	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0787	B-25 box	70% Soil, 10% cobble	6/28/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-019	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0788	B-25 box	70% Soil, 10% cobble	6/28/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-019	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0789	B-25 box	80% Soil	6/28/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-020	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0790	B-25 box	70% Soil, 10% Soil	6/28/1999	Ra/Sr Area 1	77.0	TRUE	1/11/2001	NA	4006-03-020	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0791	B-25 box	80% Soil	6/28/1999	Ra/Sr Area 1	77.0	TRUE	1/15/2001	NA	4006-03-021	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0792	B-25 box	80% Soil	6/28/1999	Ra/Sr Area 1	77.0	TRUE	12/13/2000	NA	4006-03-001	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0793	B-25 box	80% Soil, 1% PPE	6/29/1999	Ra/Sr Area 1	78.0	TRUE	12/13/2000	NA	4006-03-001	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0794	B-25 box	60% Soil, 20% cobble	6/29/1999	Ra/Sr Area 1	77.0	TRUE	12/13/2000	NA	4006-03-002	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0795	B-25 box	70% Soil, 10% cobble	6/29/1999	Ra/Sr Area 1	77.0	TRUE	12/13/2000	NA	4006-03-002	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0796	B-25 box	70% Soil, 10% cobble	6/29/1999	Ra/Sr Area 1	77.0	TRUE	12/13/2000	NA	4006-03-003	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0797	B-25 box	50% Soil, 30% cobble	6/29/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-004	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0798	B-25 box	50% Soil, 30% cobble	6/29/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-004	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0799	B-25 box	70% Soil, 10% cobble	6/29/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-005	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0800	B-25 box	60% Soil, 20% cobble	6/29/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-004	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0801	B-25 box	55% Soil, 25% cobble	6/29/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-005	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0802	B-25 box	79% Soil, 1% PPE	6/30/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-006	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0803	B-25 box	60% Soil, 20% cobble	6/30/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-006	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0804	B-25 box	70% Soil, 10% cobble	6/30/1999	Ra/Sr Area 1	77.0	TRUE	12/21/2000	NA	4006-03-007	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0805	B-25 box	70% Soil, 10% cobble	6/30/1999	Ra/Sr Area 1	77.0	TRUE	12/21/2000	NA	4006-03-008	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0806	B-25 box	70% Soil, 10% cobble	6/30/1999	Ra/Sr Area 1	77.0	TRUE	12/21/2000	NA	4006-03-008	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0807	B-25 box	70% Soil, 10% cobble	6/30/1999	Ra/Sr Area 1	77.0	TRUE	12/21/2000	NA	4006-03-008	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0808	B-25 box	50% Soil, 29% cobble, 1% PPE	6/30/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-009	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0809	B-25 box	65% Soil, 15% cobble	6/30/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-009	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0810	B-25 box	60% Soil, 20% cobble	6/30/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-009	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0811	B-25 box	80% Soil	7/1/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-010	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0812	B-25 box	80% Soil	7/1/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-010	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0813	B-25 box	80% Soil	7/1/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-010	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0814	B-25 box	80% Soil	7/1/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-010	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0815	B-25 box	80% Soil	7/1/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-010	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0816	B-25 box	80% Soil	7/1/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-011	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0817	B-25 box	80% Soil	7/1/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-010	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0818	B-25 box	85% Soil	7/2/1999	Ra/Sr Area 1	82.0	TRUE	12/28/2000	NA	4006-03-011	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0819	B-25 box	84% Soil, 1% PPE	7/2/1999	Ra/Sr Area 1	82.0	TRUE	12/28/2000	NA	4006-03-011	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0820	B-25 box	85% Soil	7/2/1999	Ra/Sr Area 1	82.0	TRUE	12/28/2000	NA	4006-03-011	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0821	B-25 box	80% Soil, 2% PPE	7/13/1999	Ra/Sr Area 1	79.0	TRUE	12/13/2000	NA	4006-03-001	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0822	B-25 box	74% Soil, 1% PPE, 6% cobble, 4% Drainage Pipe	7/13/1999	Ra/Sr Area 1	82.0	TRUE	12/13/2000	NA	4006-03-001	NA	Envirocare of Utah	(FD) Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0823	B-25 box	70% Soil, 10% cobble	7/13/1999	Ra/Sr Area 1	77.0	TRUE	12/13/2000	NA	4006-03-001	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0824	B-25 box	75% Soil, 5% cobble	7/13/1999	Ra/Sr Area 1	77.0	TRUE	1/3/2001	NA	4006-03-012	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0825	B-25 box	40% Soil, 40% cobble	7/13/1999	Ra/Sr Area 1	77.0	TRUE	1/3/2001	NA	4006-03-012	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0826	B-25 box	50% Soil, 30% cobble	7/13/1999	Ra/Sr Area 1	77.0	TRUE	12/28/2000	NA	4006-03-011	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0827	B-25 box	78% Soil, 2% cobble	7/13/1999	Ra/Sr Area 1	77.0	TRUE	1/3/2001	NA	4006-03-012	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0828	B-25 box	80% Soil	7/13/1999	Ra/Sr Area 1	77.0	TRUE	1/3/2001	NA	4006-03-012	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0829	B-25 box	40% Soil, 45% cobble	7/13/1999	Ra/Sr Area 1	77.0	TRUE	1/3/2001	NA	4006-03-012	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0830	B-25 box	70% Soil, 5% cobble, 10% Drainage Pipe, 1% PPE	7/14/1999	Ra/Sr Area 1	83.0	TRUE	12/13/2000	NA	4006-03-003	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0831	B-25 box	75% Soil, 10% cobble	7/14/1999	Ra/Sr Area 1	82.0	TRUE	12/13/2000	NA	4006-03-003	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0832	B-25 box	70% Soil, 10% cobble	7/14/1999	Ra/Sr Area 1	77.0	TRUE	12/13/2000	NA	4006-03-002	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0833	B-25 box	65% Soil, 20% cobble	7/14/1999	Ra/Sr Area 1	82.0	TRUE	12/13/2000	NA	4006-03-003	NA	Envirocare of Utah	(FD) Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0834	B-25 box	75% Soil, 10% cobble	7/14/1999	Ra/Sr Area 1	82.0	TRUE	12/13/2000	NA	4006-03-002	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0835	B-25 box	70% Soil, 15% cobble	7/14/1999	Ra/Sr Area 1	82.0	TRUE	12/13/2000	NA	4006-03-001	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0836	B-25 box	50% Soil, 35% cobble	7/14/1999	Ra/Sr Area 1	82.0	TRUE	12/13/2000	NA	4006-03-002	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0837	B-25 box	60% Soil, 20% cobble	7/14/1999	Ra/Sr Area 1	77.0	TRUE	12/13/2000	NA	4006-03-002	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0838	B-25 box	75% Soil, 10% cobble	7/15/1999	Ra/Sr Area 1	82.0	TRUE	12/13/2000	NA	4006-03-004	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0839	B-25 box	80% Soil, 4% cobble, 1% Drainage Pipe	7/15/1999	Ra/Sr Area 1	82.0	TRUE	12/18/2000	NA	4006-03-004	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0840	B-25 box	75% Soil, 10% cobble	7/15/1999	Ra/Sr Area 1	82.0	TRUE	12/18/2000	NA	4006-03-004	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0841	B-25 box	70% Soil, 10% cobble	7/15/1999	Ra/Sr Area 1	77.0	TRUE	12/13/2000	NA	4006-03-003	NA	Envirocare of Utah	(FD) Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0842	B-25 box	65% Soil, 20% cobble	7/15/1999	Ra/Sr Area 1	82.0	TRUE	12/13/2000	NA	4006-03-003	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0843	B-25 box	55% Soil, 30% cobble	7/16/1999	Ra/Sr Area 1	82.0	TRUE	12/18/2000	NA	4006-03-006	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0844	B-25 box	70% Soil, 10% cobble	7/16/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-005	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0845	B-25 box	55% Soil, 25% cobble	7/16/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-005	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0846	B-25 box	60% Soil, 20% cobble	7/16/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-005	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0847	B-25 box	55% Soil, 29% cobble, 1% PPE	7/16/1999	Ra/Sr Area 1	82.0	TRUE	12/18/2000	NA	4006-03-005	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0848	B-25 box	85% Soil, 1% PPE	7/19/1999	Ra/Sr Area 1	83.0	TRUE	12/21/2000	NA	4006-03-007	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0849	B-25 box	85% Soil	7/19/1999	Ra/Sr Area 1	82.0	TRUE	12/21/2000	NA	4006-03-007	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0850	B-25 box	85% Soil, 5% cobble	7/19/1999	Ra/Sr Area 1	86.0	TRUE	12/18/2000	NA	4006-03-006	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0851	B-25 box	75% Soil, 9% cobble, 1% Drainage Pipe	7/19/1999	Ra/Sr Area 1	82.0	TRUE	12/21/2000	NA	4006-03-007	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0852	B-25 box	80% Soil	7/19/1999	Ra/Sr Area 1	82.0	TRUE	12/21/2000	NA	4006-03-007	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0853	B-25 box	80% Soil, 5% cobble	7/19/1999	Ra/Sr Area 1	82.0	TRUE	12/21/2000	NA	4006-03-007	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0854	B-25 box	80% Soil, 5% cobble	7/19/1999	Ra/Sr Area 1	82.0	TRUE	12/21/2000	NA	4006-03-008	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0855	B-25 box	70% Soil, 14% cobble, 1% Drainage Pipe	7/19/1999	Ra/Sr Area 1	82.0	TRUE	12/21/2000	NA	4006-03-008	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0856	B-25 box	80% Soil, 5% cobble	7/19/1999	Ra/Sr Area 1	82.0	TRUE	12/18/2000	NA	4006-03-006	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0857	B-25 box	80% Soil	7/19/1999	Ra/Sr Area 1	77.0	TRUE	12/18/2000	NA	4006-03-006	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0858	B-25 box	85% Soil	7/20/1999	Ra/Sr Area 1	82.0	TRUE	12/21/2000	NA	4006-03-008	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0859	B-25 box	90% Soil	7/20/1999	Ra/Sr Area 1	86.0	TRUE	12/28/2000	NA	4006-03-009	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0860	B-25 box	90% Soil	7/20/1999	Ra/Sr Area 1	86.0	TRUE	12/28/2000	NA	4006-03-009	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0861	B-25 box	90% Soil	7/22/1999	Ra/Sr Area 1	86.4	TRUE	12/28/2000	NA	4006-03-009	NA	Envirocare of Utah	WA Bin # 224 Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0862	B-25 box	88% Soil, 1% PPR, 1% Debris	7/22/1999	Ra/Sr Area 1	86.4	TRUE	1/3/2001	NA	4006-03-012	NA	Envirocare of Utah	WA Bin# 223 Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0863	B-25 box	85% Soil, 1% Plastic	8/5/1999	Ra/Sr Area 1	86.4	TRUE	2/8/2001	NA	4006-03-042	NA	Envirocare of Utah	Achieved samples from Ra/Sr Area RA and SWT Area RA, formerly stored in South Cargo Container. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0864	B-25 box	40% Soil, 2% PPE, 46% Soil	8/24/1999	Ra/Sr Area 1	94.1	TRUE	12/28/2000	NA	4006-03-011	NA	Envirocare of Utah	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0865	B-25 box	5% Core Samples, 5% Soil, 70% PPE, 20% Sample Tubes	8/9/1999	Ra/Sr Area 1	86.4	TRUE	2/8/2001	NA	4006-03-044	NA	Envirocare of Utah	Cuttings from drilling on DW1, DW2, and DW3. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0866	B-25 box	90% Soil	8/24/1999	DSS1/5	86.4	TRUE	6/26/2002	NA	4006-03-085	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0867	B-25 box	90% Gravel, Soil	8/24/1999	DSS1/5	86.4	TRUE	6/26/2002	NA	4006-03-085	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0868	B-25 box	90% Gravel, Soil	8/24/1999	DSS1/5	86.4	TRUE	6/26/2002	NA	4006-03-086	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0869	B-25 box	90% Gravel, Soil	8/24/1999	DSS1/5	86.4	TRUE	6/26/2002	NA	4006-03-085	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0870	B-25 box	90% Gravel, Soil	8/24/1999	DSS1/5	86.4	TRUE	6/26/2002	NA	4006-03-085	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0871	B-25 box	90% Soil	8/24/1999	DSS1/5	86.4	TRUE	6/26/2002	NA	4006-03-085	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS/15 packages.
0872	B-25 box	90% Soil	8/24/1999	Ra/Sr Area 1	86.4	TRUE	2/8/2001	NA	4006-03-044	NA	Envirocare of Utah	Contains archived samples formerly stored in SCC. These samples were from the on-site lab.
0873	B-25 box	90% Soil	8/24/1999	DSS1/5	86.4	TRUE	6/26/2002	NA	4006-03-085	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0874	B-25 box	90% Soil, Gravel	8/25/1999	DSS1/5	86.4	TRUE	6/26/2002	NA	4006-03-084	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0875	B-25 box	90% Soil, Gravel	8/25/1999	DSS1/5	86.4	TRUE	6/26/2002	NA	4006-03-084	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0876	B-25 box	80% Soil, Gravel, 10% Concrete	8/25/1999	DSS1/5	86.4	TRUE	6/26/2002	NA	4006-03-084	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0877	B-25 box	40% Soil, 25% Concrete	8/26/1999	DSS1/5	62.4	TRUE	6/26/2002	NA	4006-03-084	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0878	B-25 box	75% Soil, 5% Concrete	8/27/1999	DSS1/5	76.8	TRUE	6/26/2002	NA	4006-03-084	NA	Envirocare of Utah	1 Bucket from DB remains from Drywells C, D, E. CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0879	B-25 box	80% Soil, 2% Concrete, 2% Cobble	8/27/1999	DSS1/5	80.6	TRUE	6/26/2002	NA	4006-03-084	NA	Envirocare of Utah	CWRSC056 is TCLP chromium only, represents all DSS1/5 packages.
0880	super sack	100% Soil	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML
0881	super sack	100% Soil	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0882	super sack	98% Soil, 1% Concrete, 1% Geotextile fabric	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0883	super sack	98% Soil, 1% Cobble, 1% Concrete	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0884	super sack	98% Soil, 1% Cobble, 1% Concrete	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0885	super sack	49% Soil, 5% Cobble, 45% Green Mud, 1% Geotextiles Fabric	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0886	super sack	60% Soil, 5% Cobble, 35% Green Mud	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0887	super sack	80% Soil, 15% Cobble, 5% Green Mud	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0888	super sack	90% Soil, 5% Cobble, 5% Green Mud	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0889	super sack	65% Soil, 30% Cobble, 5% Concrete	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0890	super sack	84% Soil, 15% Cobble, 1% Geotextiles fabric	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0891	super sack	90% Soil, 10% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0892	super sack	94% Soil, 5% Cobble, 1% Pipe	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0893	super sack	97% Soil, 3% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0894	super sack	95% Soil, 5% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0895	super sack	96% Soil, 4% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0896	super sack	97% Soil, 3% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0897	super sack	96% Soil, 4% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0898	super sack	96% Soil, 4% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0899	super sack	95% Soil, 5% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0900	super sack	96% Soil, 4% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll-off # R1839ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0901	super sack	96% Soil, 4% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0902	super sack	85% Soil, 15% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0903	super sack	80% Soil, 20% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0904	super sack	85% Soil, 15% Cobble	9/21/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0905	super sack	96% Soil, 2% Cobble, 2% Geotextile Fabric	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0906	super sack	98% Soil, 2% Cobble	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0907	super sack	96% Soil, 2% Cobble, 1% PPE, 1% Pipe	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0908	super sack	50% Soil, 1% Cobble, 49% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0909	super sack	50% Soil, 1% Cobble, 49% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0910	super sack	50% Soil, 1% Cobble, 49% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0911	super sack	50% Soil, 1% Cobble, 49% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0912	super sack	50% Soil, 1% Cobble, 49% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0913	super sack	50% Soil, 1% Cobble, 49% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0914	super sack	60% Soil, 10% Cobble, 30% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0915	super sack	50% Soil, 5% Cobble, 20% PPE, 25% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0916	super sack	60% Soil, 10% Cobble, 30% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0917	super sack	60% Soil, 10% Cobble, 30% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0918	super sack	60% Soil, 10% Cobble, 30% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0919	super sack	60% Soil, 15% Cobble, 25% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0920	super sack	60% Soil, 15% Cobble, 25% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0921	super sack	60% Soil, 10% Cobble, 30% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0922	super sack	60% Soil, 15% Cobble, 25% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0923	super sack	60% Soil, 20% Cobble, 20% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0924	super sack	60% Soil, 20% Cobble, 20% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0925	super sack	60% Soil, 20% Cobble, 20% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0926	super sack	60% Soil, 20% Cobble, 20% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0927	super sack	60% Soil, 20% Cobble, 20% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0928	super sack	60% Soil, 30% Cobble, 10% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0929	super sack	60% Soil, 30% Cobble, 10% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0930	super sack	60% Soil, 30% Cobble, 10% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0931	super sack	60% Soil, 30% Cobble, 10% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-048	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0932	super sack	60% Soil, 30% Cobble, 10% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0933	super sack	60% Soil, 30% Cobble, 10% Sand	9/22/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-047	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0934	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0935	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0936	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0937	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0938	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/21/2001	NA	4006-03-046	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0939	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0940	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0941	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0942	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0943	super sack	85% Soil, 5% Cobble, 15% PPE	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0944	super sack	95% Soil, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0945	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0946	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0947	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0948	super sack	95% Soil, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0949	super sack	95% Soil, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0950	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0951	super sack	90% Soil, 5% Cobble, 5% Geotextile Fabric	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0952	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0953	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0954	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0955	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0956	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0957	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0958	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0959	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0960	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0961	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0962	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-051	NA	Envirocare of Utah	packaged in roll off # R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0963	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0964	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-050	NA	Envirocare of Utah	packaged in roll off # R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0965	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0966	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0967	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	40606-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0968	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0969	super sack	95% Soil, 5% Cobble	9/23/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0970	super sack	90% Soil, 5% Cobble, 5% PPE	9/24/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0971	super sack	85% Soil, 5% Cobble, 10% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0972	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0973	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0974	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0975	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0976	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0977	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0978	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0979	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0980	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0981	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0982	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0983	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0984	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0985	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0986	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0987	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	packaged in roll off # R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0988	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0989	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	2/26/2001	NA	4006-03-049	NA	Envirocare of Utah	Packaged in Roll- Off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0990	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0991	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0992	super sack	45% Soil, 5% Cobble, 50% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0993	super sack	90% Soil, 5% Cobble	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0994	super sack	90% Soil, 5% Cobble	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0995	super sack	90% Soil, 5% Cobble	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	NA	NA	NA	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0996	super sack	90% Soil, 5% Cobble	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0997	super sack	90% Soil, 5% Cobble	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
0998	super sack	70% Soil, 10% Cobble, 20% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
0999	super sack	50% Soil, 10% Cobble, 40% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1000	super sack	15% Soil, 5% Cobble, 80% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1001	super sack	25% Soil, 5% Cobble, 70% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1002	super sack	25% Soil, 5% Cobble, 70% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-052	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1003	super sack	25% Soil, 5% Cobble, 70% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1004	super sack	25% Soil, 5% Cobble, 70% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1005	super sack	25% Soil, 5% Cobble, 70% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1006	super sack	100% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1007	super sack	100% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1008	super sack	100% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1009	super sack	5% Cobble, 95% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1010	super sack	100% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1011	super sack	5% Cobble, 95% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1012	super sack	100% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1013	super sack	100% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1014	super sack	30% Soil, 70% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1015	super sack	100% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1016	super sack	100% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1017	super sack	10% Soil, 90% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1018	super sack	10% Soil, 90% Green Mud	9/24/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1019	super sack	10% Soil, 5% Cobble, 85% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1020	super sack	10% Soil, 5% Cobble, 85% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-053	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1021	super sack	5% Soil, 5% Cobble, 90% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1022	super sack	5% Soil, 5% Cobble, 90% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1023	super sack	5% Soil, 5% Cobble, 90% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1024	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1025	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1026	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1027	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1028	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1029	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/1/2001	NA	4006-03-054	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1030	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1031	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1032	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1033	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1034	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1035	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1036	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1037	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1038	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1039	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1040	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1041	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1042	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1043	super sack	5% Cobble, 95% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1044	super sack	10% Cobble, 90% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1045	super sack	80% Soil, 20% Cobble	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1046	super sack	80% Soil, 20% Cobble	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-055	NA	Envirocare of Utah	packaged in roll off # R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1047	super sack	80% Soil, 20% Cobble	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1048	super sack	80% Soil, 20% Cobble	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1049	super sack	60% Soil, 20% Cobble, 20% Green Mud	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1050	super sack	95% Soil, 5% Cobble	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1051	super sack	95% Soil, 5% Cobble	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1052	super sack	95% Soil, 5% Cobble	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1053	super sack	95% Soil, 5% Cobble	9/27/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1054	super sack	95% Soil, 4% Cobble, 1% Geotextile Fabric	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1055	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1056	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1057	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1058	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1059	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1060	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1061	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1062	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	Packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1063	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1064	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-056	NA	Envirocare of Utah	packaged in roll off # R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1065	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1066	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1067	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001			NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1068	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1069	super sack	98% Soil, 25 Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1070	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1071	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1072	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1073	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1074	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1075	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1076	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1077	super sack	98% Soil, 2% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1078	super sack	96% Soil, 4% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA		Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1079	super sack	95% Soil, 4% Cobble, 1% Geotextile Fabric	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1080	super sack	96% Soil, 4% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1081	super sack	96% Soil, 4% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/5/2001	NA	4006-03-057	NA	Envirocare of Utah	packaged in roll off # R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1082	super sack	96% Soil, 4% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1083	super sack	95% Soil, 5% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1084	super sack	95% Soil, 5% Cobble	9/28/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1085	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1086	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1087	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1088	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1089	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1090	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1091	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1092	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1093	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1094	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1095	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1096	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1097	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1098	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1099	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1100	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1101	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1102	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1103	super sack	95% Soil, 5% cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1104	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1105	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1106	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1107	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1108	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1109	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1110	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1111	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1112	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1113	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1114	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1115	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1116	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1117	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1118	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1119	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1120	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1121	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1122	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	NA	NA	NA	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1123	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1124	super sack	95% Soil, 5% Cobble	9/29/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1125	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1126	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1127	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1128	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/8/2001	NA	NA	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1129	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	Packaged in roll off # 18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1130	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	Packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1131	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	Packaged in roll-off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1132	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	Packaged in roll-off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1133	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1134	super sack	94% Soil, 3% Cobble, 3% PPE	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1135	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1136	super sack	95% Soil, 5% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1137	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1138	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1139	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	NA	NA	NA	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1140	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1141	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1142	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1143	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1144	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1145	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-061	NA	Envirocare of Utah	packaged in roll off # R1927ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1146	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1147	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1148	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1149	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1150	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1151	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1152	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1153	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1154	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1155	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1156	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1157	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1158	super sack	90% Soil, 10% Cobble	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1159	super sack	50% Soil, 10% Cobble, 40% Green Mud	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1160	super sack	50% Soil, 10% Cobble, 40% Green Mud	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1161	super sack	50% Soil, 10% Cobble, 40% Green Mud	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-062	NA	Envirocare of Utah	packaged in roll off # R18070ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1162	super sack	50% Soil, 10% Cobble, 40% Green Mud	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1163	super sack	50% Soil, 10% Cobble, 40% Green Mud	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1164	super sack	50% Soil, 10% Cobble, 40% Green Mud	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1165	super sack	50% Soil, 10% Cobble, 40% Green Mud	9/30/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1166	super sack	90% Soil, 10% Cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1167	super sack	90% Soil, 10% Cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1168	super sack	90% Soil, 10% Cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1169	super sack	90% Soil, 10% Cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1170	super sack	30% Soil, 10% Cobble, 60% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1171	super sack	65% Soil, 5% Cobble, 30% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1172	super sack	50% Soil, 10% Cobble, 40% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1173	super sack	50% Soil, 10% Cobble, 40% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1174	super sack	50% Soil, 10% Cobble, 40% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1175	super sack	50% Soil, 10% Cobble, 40% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1176	super sack	50% Soil, 10% Cobble, 40% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1177	super sack	50% Soil, 10% Cobble, 40% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/12/2001	NA	4006-03-063	NA	Envirocare of Utah	packaged in roll off # R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1178	super sack	50% Soil, 10% Cobble, 40% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1179	super sack	50% Soil, 10% Cobble, 40% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1180	super sack	50% Soil, 10% Cobble, 40% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1181	super sack	90% Soil, 10% Cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1182	super sack	45% Soil, 10% Cobble, 45% Green Mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1183	super sack	45% soil, 10% cobble, 45% green mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1184	super sack	45% soil, 10% cobble, 45% green mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1185	super sack	45% soil, 10% cobble, 45% green mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1186	super sack	90% soil, 10% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1187	super sack	90% soil, 10% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Packaged in roll off #R18191ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1188	super sack	90% soil, 10% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1189	super sack	85% soil, 15% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1190	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1191	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1192	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	NA	NA	NA	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1193	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1194	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1195	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1196	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1197	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-064	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1198	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1199	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1200	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1201	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1202	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1203	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1204	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1205	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1206	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-065	NA	Envirocare of Utah	Packaged in roll off #R18169ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1207	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1208	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1209	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1210	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1211	super sack	95% Soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1212	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1213	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1214	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1215	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1216	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1217	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1218	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1219	super sack	60% soil, 5% cobble, 35% green mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1220	super sack	60% soil, 5% cobble, 35% green mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1221	super sack	60% soil, 5% cobble, 35% green mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1222	super sack	60% soil, 5% cobble, 35% green mud	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1223	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1224	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/15/2001	NA	4006-03-066	NA	Envirocare of Utah	Packaged in roll off #R18309ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1225	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1226	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1227	super sack	95% soil, 5% cobble	10/1/1999	Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1228	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1229	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1230	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1231	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1232	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1233	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1234	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1235	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1236	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1237	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/18/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1238	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1239	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1240	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-067	NA	Envirocare of Utah	Packaged in roll off #R1899ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1241	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1242	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1243	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1244	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1245	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/23/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1246	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

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1247	super sack	50% Soil, 2% Cobbles, 45% Green Mud, 3% PPE		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1248	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1249	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1250	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1251	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1252	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1253	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/19/2001	NA	4006-03-068	NA	Envirocare of Utah	Packaged in roll off #R18299ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1254	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1255	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1256	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1257	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1258	super sack	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/23/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1259	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1260	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1261	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1262	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1263	super sack	95% Soil, 5% Cobbles		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1264	super sack	15% Soil, 5% Cobbles, 80% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1265	super sack	15% Soil, 5% Cobble, 80% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001				Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1266	super sack	5% Cobbles, 95% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1267	super sack	5% Cobbles, 95% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1268	super sack	5% Soil, 5% Cobbles, 90% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/23/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1269	super sack	5% Soil, 5% Cobbles, 90% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1270	super sack	5% Soil, 5% Cobbles, 90% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-069	NA	Envirocare of Utah	Packaged in roll off #R1890ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1271	super sack	5% Soil, 5% Cobbles, 90% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1272	super sack	5% Soil, 5% Cobbles, 90% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1273	super sack	5% Soil, 5% Cobbles, 90% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1274	super sack	5% Soil, 5% Cobbles, 90% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1275	super sack	5% Soil, 5% Cobbles, 90% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1276	super sack	5% Soil, 5% Cobbles, 90% Green Mud		Ra/Sr Area 1	24.8	TRUE	3/22/2001	NA	4006-03-070	NA	Envirocare of Utah	Packaged in roll off #R18028ML. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1277	B-25 box	5% Soil, 5% Cobbles, 90% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/18/2001	NA	4006-03-024	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1278	B-25 box	50% Soil, 48% Green Mud, 2% PPE		Ra/Sr Area 1	0.0	TRUE	1/18/2001	NA	4006-03-024	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1279	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/18/2001	NA	4006-03-024	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1280	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-023	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1281	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-023	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1282	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-023	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1283	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-023	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1284	B-25 box	50% Soil, 3% Cobbles, 45% Green Mud, 2% PPE		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-023	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1285	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-023	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1286	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-022	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1287	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-022	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1288	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-022	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1289	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-022	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1290	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-022	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1291	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-022	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1292	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-021	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1293	B-25 box	50% Soil, 5% Cobbles, 45% Green Mud		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-021	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1294	B-25 box	25% Soil, 5% Cobble, 45% Green Mud, 25% Other		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-021	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1295	B-25 box	25% Soil, 5% Cobble, 45% Green Mud, 25% Other		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-021	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1296	B-25 box	10% Cobbles, 50% Green Mud, 40% Other		Ra/Sr Area 1	0.0	TRUE	1/15/2001	NA	4006-03-021	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1297	B-25 box			Ra/Sr Area 1	0.0	TRUE	2/12/2001	NA	4006-03-045	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1298	55 gal drum	soil & PPE		SWT RA		transferred	NA	NA	NA	NA	NA	0-5.5 W/13.5 S, 6 W/9.75 S, 9.75 W/1.25 S; IDW-Designated Level Sampling Drilling - Contents transferred to LEHR0178.
1299	85 gal drum	decon water	10/28/1999	SWT RA		transferred	NA	NA	NA	NA	NA	IDW-Designated Level Sampling Drilling. Waste solidified with water works Super absorbent and added to Ra/Sr RA 2 waste storage, SST packages
1300	55 gal drum	decon water	8/18/1999	Ra/Sr Area 1		transferred	NA	NA	NA	NA	NA	This decon water was absorbed with WaterWorks SP-400 super absorbent and added to the Ra/Sr Area II excavated waste pile for dust control. The packages that this waste were added to originate from the strontium tank (SST). The SST packages were subsequently sampled for waste disposition after the absorbed water was added. The decon water packages are out of service.
1301	55 gal drum	decon water	8/13/1999	Ra/Sr Area 1		transferred	NA	NA	NA	NA	NA	Drywell Delineation; DWD drilling - Decon Water. This decon water was absorbed with WaterWorks SP-400 super absorbent and added to the Ra/Sr Area II excavated waste pile for dust control. The packages that this waste were added to originate from the strontium tank (SST). The SST packages were subsequently sampled for waste disposition after the absorbed water was added. The decon water packages are out of service.
1302	55 gal drum	decon water	8/13/1999	Ra/Sr Area 1		transferred	NA	NA	NA	NA	NA	Sample Equipment Decon. This decon water was absorbed with WaterWorks SP-400 super absorbent and added to the Ra/Sr Area II excavated waste pile for dust control. The packages that this waste were added to originate from the strontium tank (SST). The SST packages were subsequently sampled for waste disposition after the absorbed water was added. The decon water packages are out of service.
1303	55 gal drum	decon water	8/21/1999	Ra/Sr Area 1		transferred	NA	NA	NA	NA	NA	Sample Equipment Decon. This decon water was absorbed with WaterWorks SP-400 super absorbent and added to the Ra/Sr Area II excavated waste pile for dust control. The packages that this waste were added to originate from the strontium tank (SST). The SST packages were subsequently sampled for waste disposition after the absorbed water was added. The decon water packages are out of service.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1304	55 gal drum	decon water	8/21/1999	Ra/Sr Area 1		transferred	NA	NA	NA	NA	NA	Drywell Delineation Equipment Decon. This decon water was absorbed with WaterWorks SP-400 super absorbent and added to the Ra/Sr Area II excavated waste pile for dust control. The packages that this waste were added to originate from the strontium tank (SST). The SST packages were subsequently sampled for waste disposition after the absorbed water was added. The decon water packages are out of service.
1305	55 gal drum	decon water	8/21/1999	Ra/Sr Area 1		transferred	NA	NA	NA	NA	NA	Sample Equipment Decon. This decon water was absorbed with WaterWorks SP-400 super absorbent and added to the Ra/Sr Area II excavated waste pile for dust control. The packages that this waste were added to originate from the strontium tank (SST). The SST packages were subsequently sampled for waste disposition after the absorbed water was added. The decon water packages are out of service.
1306	55 gal drum	soil, liquid (methanol), sample vials, solid lab waste	7/1/1998	SWT RA		transferred	NA	NA	NA	NA	NA	IDW - Immunoassay Test Spoils - Chlordane delineation scheduled for disposal as RCRA empty - Contents transferred to LEHR0178.
1307	55 gal drum	Soil- 25%, Void- 75%	7/1/1998	SWT RA		transferred	NA	NA	NA	NA	NA	IDW - Immunoassay Test Spoils - Chlordane delineation - Contents transferred to LEHR 0337.
1308	55 gal drum	Debris- 95%	7/1/1998	SWT RA		transferred	NA	NA	NA	NA	NA	IDW - Immunoassay Test Spoils - Chlordane delineation Scheduled for disposal as RCRA empty - Contents transferred to LEHR0178.
1309	55 gal drum		12/23/1999	SWT RA		transferred	NA	NA	NA	NA	NA	Biological material segregated for disposal at alternative facility; HAZCAT/Poly-bucket Waste. Contents transferred to LEHR 1466.
1310	55 gal drum	RCRA empty labware	12/15/1999	SWT RA		transferred	NA	NA	NA	NA	NA	Bucked RCRA empty labware from SWT RA. Container out of service, transferred to LEHR 0314.
1311	55 gal drum	80% Soil, 3% Plastic Bag	12/23/1999	SWT RA		transferred	NA	NA	NA	NA	NA	Contents sorted and soil transferred to new drum. Label transferred to new drum. No lab waste in r - Contents of LEHR1311 (~600 lbs. soil) added to LEHR0332.
1312	55 gal drum	Ra-226 pipe with lead joint		Ra/Sr Area 1		TRUE	6/25/2003	22002001	9310-01-001	NA	Envirocare of Utah	
1313	55 gal drum	Eastern Sewage Pipe, Lead Joints		Ra/Sr Area 1	3.0	TRUE	6/25/2003	22002200	93212-02-001	NA	Envirocare of Utah	Ra/Sr RA and DSS I/S Leach Fields. This package was previosuly mislabeled 1314 but now is correctly labeled 1313.
1314	55 gal drum	30% Pipe 70% void		Ra/Sr Area 1	3.0	transferred	NA	NA	NA	NA	NA	Ra/Sr RA and DSS 1/5 Leach Field, contents transferred to package 1652 for disposal purposes. This pipe was previously mislabeled 1313 but should be 1314 and is now correct. Contents transferred to LEHR 1652 for disposition.
1315	Plastic Bags	Asbestos pipes		Ra/Sr Area 1		transferred	NA	NA	NA	NA	NA	Multiple packages labeled (A-O) in plastic bags. Contents transferred to LEHR 1648, 1649, 1650, 1651, 1652, 1653, 1654.
1316	55 gal drum	Sewer Sediment		Ra/Sr Area 1		transferred	NA	NA	NA	NA	NA	Septic Sewer Manway Contents transferred to package 1652 for disposal purposes.
1317	B-25 box	80%- Soil, 10% Debris		Ra/Sr Area 1		TRUE	2/12/2001	NA	4006-03-045	NA	Envirocare of Utah	May contain Ra/Sr Ra IDW removal waste, 60% full
1318	55 gal drum	metal		Legacy		TRUE	6/25/2003	22002001	9310-01-001	NA	Envirocare of Utah	Lead shielding from Co-60 field Conex Box. Surveyed by Doug Brown. Has removable contamination of 73 dmp/100 cm2.
1319	Intermodal Container	Other, contains miscellaneous potentially contaminated equipment from D& D	5/29/2003	Equip.	1068.8	TRUE	7/14/2003	NA	LLL03078	NA	NTS	Contents of original B-25 box #1319 and package #1368 added to intermodal container (now assigned to LEHR #1319) along with equipment from D & D activities at AH-1, AH-2, and Co-60.
1320	55 gal drum	Metal, pipes with lead joints		TBD		TRUE	6/25/2003	22002001	9310-01-001	NA	Envirocare of Utah	
1321	55 gal drum	Metal, pipes with lead joints		TBD		TRUE	6/25/2003	22002001	9310-01-001	NA	Envirocare of Utah	
1322	1 gallon poly bucket	Soil borings, 80% full		WDP		transferred	NA	NA	NA	NA	NA	WDPs Investigation; Archived samples gathered from sample lab. Bucket transferred to SWT B-25 for shipping.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1323	1 gallon poly bucket	Soil borings		DSS1, DSS2, DSS3, DSS4, DSS5, DSS6		transferred	NA	NA	NA	NA	NA	DSS 1-6 investigation; Archived samples gathered from sample lab. Bucket transferred to SWT B-25 for shipping.
1324	Wood Box	Source material, two lead pigs (empty), thorium cylinder		Legacy		TRUE	3/19/2002	NA	02001	NA	DSSI/PermaFix	Contains source material in a lead shielded box. Inventory in project files. Lead pigs and thorium cylinder are the only items remaining in box. See project file for photographs of contents shipped to DSSI/Perma-Fix on 3/19/02. 1284103340. Transferred Thorium cylinder to AH-1 for storage. Thorium cylinder re-packaged as LEHR #1886 on 10/2/03. Shipped a total of 20.7 cubic feet of LLW (sources and standards) to DSSI/PermaFix for disposal. See project files for inventory of items shipped. Lead bricks and shielding materials transferred to package # 1884 on 6/23/03.
1325	55 gal drum	soil		SWT RA		transferred	NA	NA	NA	NA	NA	Package out of service. Contents transferred to 1307. Contains archived SWT RA chlordane samples taken during SWT RA in 1998.
1326	Cooler	soil		SWT RA		transferred	NA	NA	NA	NA	NA	Package out of service. Contents transferred to 1307. Contains archived SWT RA chlordane samples taken during SWT RA in 1998.
1327	55 gal drum	soil		Ra/Sr Area 1		transferred	NA	NA	NA	NA	NA	Contains soil infused with diesel gas from dry well delineation drilling drill rig in 1999. Waste incorporated with WDPRA waste from aisle three (Chlordane impacted asphalt), LEHR # 1629.
1328	Stock pile	98% Gravel, 2% Soil	8/8/2000	Ra/Sr Area 2	540.0	transferred	NA	NA	NA	NA	NA	SG = Surface Gravel. This material was removed from the surface and tested by on-site lab. Contamination levels were below background. Contents tansferred to LEHR 1666, LEHR 1667, LEHR 1668, LEHR 1669, and LEHR 1670.
1329	LL	95% Soil, 5% Debris	8/10/2000	Ra/Sr Area 2	200.0	TRUE	8/8/2001	NA	NA	NA	NTS	
1330	LL	90% Soil, 10% Cobble	8/11/2000	Ra/Sr Area 2	200.0	TRUE	11/12/2001	NA	LLL02017	NA	NTS	
1331	LL	90% Soil, 6% Cobble, 4% PPE	8/11/2000	Ra/Sr Area 2	220.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1332	LL	90% Soil, 9% Cobble, 1% Pipe	8/11/2000	Ra/Sr Area 2	230.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1333	LL	Soil 90%, PPE 1%, Debris 8%, Pipe 1%	8/14/2000	Ra/Sr Area 2	200.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1334	LL	Soil 90%, Cobble 9%, Pipe 1%	8/14/2000	Ra/Sr Area 2	225.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1335	LL	Soil 90%, Debris 9%, PPE 1%	8/14/2000	Ra/Sr Area 2	200.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1336	LL	Soil 92%, Debris 8%	8/14/2000	Ra/Sr Area 2	220.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1337	LL	Soil 92%, PPE 2%, Debris 6%	8/15/2000	Ra/Sr Area 2	235.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1338	LL	Soil 93%, Debris 7%	8/15/2000	Ra/Sr Area 2	235.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1339	LL	Soil 95%, Debris 5%	8/15/2000	Ra/Sr Area 2	220.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1340	LL	Soil 95%, Debris 5%	8/15/2000	Ra/Sr Area 2	235.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1341	LL	Soil 94%, Debris 6%*	8/16/2000	Ra/Sr Area 2	225.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1342	LL	Soil 91%, Debris 8%, Wood 1%	8/16/2000	Ra/Sr Area 2	230.0	TRUE	8/20/2001	NA	NA	NA	NTS	Sample collected. May be distribution box. Wood encountered.
1343	LL	Soil 92%, Debris 8%	8/16/2000	Ra/Sr Area 2	220.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1344	LL	Soil 92%, Debris 6%, PPE 2%	8/17/2000	Ra/Sr Area 2	235.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1345	LL	Soil 96%, Debris 4%	8/21/2000	Ra/Sr Area 2	230.0	TRUE	8/22/2001	NA	NA	NA	NTS	
1346	LL	Soil 92%, Debris 8%	8/21/2000	Ra/Sr Area 2	225.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1347	LL	Soil 93%, Debris 7%	8/21/2000	Ra/Sr Area 2	220.0	TRUE	8/22/2001	NA	NA	NA	NTS	
1348	LL	Soil 92%, Debris 8%	8/21/2000	Ra/Sr Area 2	225.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1349	LL	Soil 91%, Debris 7%, PPE 2%	8/21/2000	Ra/Sr Area 2	235.0	TRUE	8/22/2001	NA	NA	NA	NTS	
1350	LL	Soil 94%, Debris 6%	8/22/2000	Ra/Sr Area 2	230.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1351	LL	Soil 94%, Debris 6%	8/22/2000	Ra/Sr Area 2	225.0	TRUE	8/15/2001	NA	NA	NA	NTS	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1352	LL	Soil 95%, Debris 5%	8/22/2000	Ra/Sr Area 2	230.0	TRUE	8/22/2001	NA	NA	NA	NTS	
1353	LL	Soil 97%, Debris 3%	8/22/2000	Ra/Sr Area 2	230.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1354	LL	Soil 94%, Debris 6%	8/22/2000	Ra/Sr Area 2	225.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1355	LL	Soil 95%, Debris 5%	8/23/2000	Ra/Sr Area 2	230.0	TRUE	8/22/2001	NA	NA	NA	NTS	Sanitary sewer piping in this area of removal.
1356	LL	Soil 93%, Debris 7%	8/23/2000	Ra/Sr Area 2	230.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1357	LL	Soil 92%, Debris 8%	8/23/2000	Ra/Sr Area 2	220.0	TRUE	8/22/2001	NA	NA	NA	NTS	
1358	LL	Soil 92%, Debris 8%	8/23/2000	Ra/Sr Area 2	238.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1359	LL	Soil 93%, Debris 5%, PPE 2%	8/23/2000	Ra/Sr Area 2	235.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1360	LL	Soil 100%	8/24/2000	Ra/Sr Area 2	230.0	TRUE	11/12/2001	NA	LLL02012	NA	NTS	Radium influent pipe overburden.
1361	LL	Soil 98%, Debris 1%, PPE 1%	8/24/2000	Ra/Sr Area 2	230.0	TRUE	8/13/2001	NA	NA	NA	NTS	8550 kg
1362	LL	Soil 98%, Debris 2%	8/28/2000	Ra/Sr Area 2	230.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1363	LL	Soil 98%, Debris 2%	8/28/2000	Ra/Sr Area 2	230.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1364	LL	Soil 91%, Debris 7%, PPE 2%	8/29/2000	Ra/Sr Area 2	230.0	TRUE	8/8/2001	NA	NA	NA	NTS	
1365	LL	Soil 98%, Debris 2%	8/29/2000	Ra/Sr Area 2	230.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1366	LL	Soil 98%, Debris 2%	8/29/2000	Ra/Sr Area 2	230.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1367	LL	Soil 92%, Debris 8%	8/29/2000	Ra/Sr Area 2	230.0	TRUE	8/13/2001	NA	NA	NA	NTS	Small amount of bag, ~ 5%, dedicated to sanitary sewer piping and soil. 8580 kg
1368	55 gal drum	Level Indicators (Trolls) used in Imhoff tank		Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Needs to be deconed or converted to waste. Contents of drum added to LEHR # 1319 (Intermodal container). Drum not added.
1369	LL	Soil 94%, Debris 6%	8/30/2000	Ra/Sr Area 2	235.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1370	LL	Soil 95%, Debris 5%	8/30/2000	Ra/Sr Area 2	230.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1371	LL	Soil 92%, Debris 6%, PPE 2%	8/31/2000	Ra/Sr Area 2	230.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1372	LL	Soil 96%, Debris 4%	8/31/2000	Ra/Sr Area 2	235.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1373	LL	Soil 98%, Debris 2%	8/31/2000	Ra/Sr Area 2	235.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1374	LL	Soil 92%, Debris 8%	9/5/2000	Ra/Sr Area 2	230.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1375	LL	Soil 94%, Debris 6%	9/5/2000	Ra/Sr Area 2	235.0	TRUE	8/22/2001	NA	NA	NA	NTS	
1376	LL	Soil 99%, Debris 1%	9/5/2000	Ra/Sr Area 2	235.0	TRUE	8/22/2001	NA	NA	NA	NTS	REP 1 = Radium Effluent Pipe No. 1.
1377	LL	Soil 97%, Debris 3%	9/5/2000	Ra/Sr Area 2	235.0	TRUE	8/29/2001	NA	NA	NA	NTS	REP 1 = Radium Effluent Pipe No. 1.
1378	LL	Soil 98%, Debris 2%	9/6/2000	Ra/Sr Area 2	230.0	TRUE	8/22/2001	NA	NA	NA	NTS	
1379	LL	Soil 99%, Debris 1%	9/6/2000	Ra/Sr Area 2	230.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1380	LL	Soil 99%, Debris 1%	9/6/2000	Ra/Sr Area 2	230.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1381	LL	Soil 95%, Debris 3%, PPE 2%	9/6/2000	Ra/Sr Area 2	235.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1382	LL	Soil 98%, Debris 2%	9/6/2000	Ra/Sr Area 2	225.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1383	LL	Soil 96%, Debris 4%	9/7/2000	Ra/Sr Area 2	235.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1384	LL	Soil 97%, Debris 3%	9/7/2000	Ra/Sr Area 2	240.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1385	LL	Soil 97%, Debris 3%	9/7/2000	Ra/Sr Area 2	235.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1386	LL	Soil 97%, Debris 3%	9/7/2000	Ra/Sr Area 2	225.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1387	LL	Soil 96%, Debris 4%	9/7/2000	Ra/Sr Area 2	230.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1388	LL	Soil 98%, Debris 2%	9/7/2000	Ra/Sr Area 2	230.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1389	LL	Soil 98%, Debris 2%	9/7/2000	Ra/Sr Area 2	230.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1390	LL	Soil 97%, Debris 3%	9/8/2000	Ra/Sr Area 2	230.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1391	LL	Soil 96%, Debris 4%	9/8/2000	Ra/Sr Area 2	230.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1392	LL	Soil 98%, Debris 2%	9/8/2000	Ra/Sr Area 2	225.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1393	LL	Soil 98%, Debris 2%	9/11/2000	Ra/Sr Area 2	215.0	transferred	NA	NA	NA	NA	NA	This package was returned to the excavation in order to make a ramp for heavy equipment to get back into excavation. Waste ultimately repackaged during RA.
1394	B-25 box	50% debris, 50% Sr-90 Tank cover	9/18/2000	Ra/Sr Area 2	96.0	TRUE	6/26/2002	NA	4006-03-084	NA	Envirocare of Utah	Asbestos from Sr 90 tank cover. Collected additional sample for lead and pentachlorophenol analysis. 50% debris= PPE and tools.
1395	B-25 box	Asbestos Containing Material (Sr-90 tank cover) 70%, 30% debris	9/18/2000	Ra/Sr Area 2	96.0	TRUE	6/26/2002	NA	4006-03-086	NA	Envirocare of Utah	Asbestos from Sr 90 Tank Cover. Collected additional sample for lead and pentachlorophenol analysis. 30% debris=PPE.
1396	B-25 box	Rebar- 40%, Soil- 60%	9/14/2000	Ra/Sr Area 2	96.0	TRUE	6/26/2002	NA	4006-03-086	NA	Envirocare of Utah	Additional material added to box. Initially only had Re- bar 9/14/00, on 10/23/00 soil was added. Added archived samples from south cargo.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1397	55 gal drum	75% solidified water, 25% PPE		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with SP-400 absorbent
1398	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with SP-400 absorbent
1399	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with SP-400 absorbent
1400	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1401	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1402	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1403	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1404	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1405	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1406	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1407	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1408	55 gal drum	50% solidified water, 50% PPE		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1409	55 gal drum	75% solidified water, 25% void space	9/20/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1410	55 gal drum	75% solidified water, 25% void space	9/20/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1411	55 gal drum	75% solidified water, 25% void space	9/20/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1412	55 gal drum	75% solidified water, 25% void space	9/20/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1413	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1414	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1415	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1416	55 gal drum	75% solidified water, 25% void space		Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1417	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1418	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1419	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1420	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1421	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1422	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1423	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1424	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1425	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1426	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1427	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1428	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1429	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1430	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1431	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1432	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1433	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1434	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1435	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1436	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1437	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1438	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1439	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1440	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1441	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1442	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1443	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1444	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1445	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1446	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1447	55 gal drum	75% solidified water, 25% void spacev	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1448	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	
1449	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1450	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1451	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1452	55 gal drum	75% solidified water, 25% void space	9/21/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1453	LL	Debris- 80%, Soil- 10%, PPE- 5%, Concrete- 5%	9/28/2000	Ra/Sr Area 2	248.0	TRUE	6/17/2002		4006-03-077		Envirocare of Utah	Debris includes tank cover. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1454	LL	Debris- 85%, Soil- 10%, Concrete- 5%	9/28/2000	Ra/Sr Area 2	248.0	TRUE	6/17/2002		4006-03-076		Envirocare of Utah	Debris includes tank cover. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1455	LL	Debris-95%, Concrete-5%	10/2/2000	Ra/Sr Area 2	248.0	TRUE	6/17/2002	NA	4006-03-076	NA	Envirocare of Utah	Debris includes tank cover. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1456	LL	Debris- 85%, Soil- 7%, Concrete- 5%, PPE- 3%		Ra/Sr Area 2	248.0	TRUE	6/17/2002	NA	4006-03-078	NA	Envirocare of Utah	Debris includes tank cover. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1457	LL	Debris- 90%, Soil- 5%, Concrete- 5%	10/2/2000	Ra/Sr Area 2	248.0	TRUE	6/17/2002	NA	4006-03-076	NA	Envirocare of Utah	Debris includes tank cover. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1458	LL	Debris- 90%, Soil- 5%, Concrete- 5%	10/2/2000	Ra/Sr Area 2	248.0	TRUE	6/17/2002	NA	4006-03-078	NA	Envirocare of Utah	Debris includes tank cover. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1459	LL	Debris- 85%, Concrete- 5%, Pipe- 5%, Soil- 5%	10/2/2000	Ra/Sr Area 2	248.0	TRUE	6/17/2002	NA	4006-03-078	NA	Envirocare of Utah	Debris includes tank cover. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1460	LL	Debris- 90%, Soil- 5%, Concrete- 5%	10/3/2000	Ra/Sr Area 2	248.0	TRUE	6/17/2002	NA	4006-03-077	NA	Envirocare of Utah	Debris includes tank cover. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1461	LL	Debris- 70%, Soil- 30%	10/3/2000	Ra/Sr Area 2	248.0	TRUE	6/17/2002	NA	4006-03-076	NA	Envirocare of Utah	Debris includes tank cover. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1462	LL	Soil- 70%, Concrete- 20%, Debris- 10%	10/3/2000	Ra/Sr Area 2	248.0	TRUE	6/17/2002	NA	4006-03-077	NA	Envirocare of Utah	Debris includes tank cover. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1463	B-25 box	Debris- 95%, Sludge- 5%	10/4/2000	Ra/Sr Area 2	96.0	TRUE	9/9/2002	NA	LEHR-02-01	NA	Hanford	
1464	B-25 box	Sludge- 75%, Debris- 5%, Filler- 20%	10/5/2000	Ra/Sr Area 2	96.0	TRUE	9/9/2002	NA	LEHR-02-01	NA	Hanford	
1465	B-25 box	Sludge- 85%, Debris- 5%, Filler- 10%	10/5/2000	Ra/Sr Area 2	96.0	TRUE	9/9/2002	NA	LEHR-02-01	NA	Hanford	
1466	B-25 box	Debris- 10%, Sludge- 20%, Filler- 70%	10/5/2000	Ra/Sr Area 2	96.0	TRUE	9/9/2002	NA	LEHR-02-01	NA	Hanford	Added contents of LEHR 1309 (bio-waste) from SWT.
1467	LL	Soil- 80%, Debris- 18%, PPE 2%	10/6/2000	Ra/Sr Area 2	248.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1468	LL	Soil- 80%, Debris- 20%	10/6/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1469	Stock pile	concrete	8/6/2000	Ra/Sr Area 2	810.0	transferred	NA	NA	NA	NA	NA	Waste added to WDP RA waste stream. Concrete added to LEHR 1684 and will be characterized and managed as WDP waste through disposition.
1470	Stock pile	concrete	8/31/1999	DSS1/5	405.0	transferred	NA	NA	NA	NA	NA	waste added to WDP RA waste stream. Concrete added to LEHR 1684 and will be characterized and managed as WDP waste through disposition.
1471	Stock pile	100% Soil	8/31/2000	Ra/Sr Area 2	405.0	transferred	NA	NA	NA	NA	NA	Contents transferred to LL's 1671 to 1680. Re-classified as waste.
1472	LL	Soil- 50%, Debris- 50%	10/6/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1473	LL	Soil- 70%, Debris- 30%	10/6/2000	Ra/Sr Area 2	248.0	TRUE	11/12/2001	NA	LLL02014	NA	NTS	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1474	LL	Soil- 80%, Debris- 20%	10/9/2000	Ra/Sr Area 2	248.0	TRUE	11/12/2001	NA	LLL02015	NA	NTS	
1475	LL	Soil- 80%, Debris- 20%	10/9/2000	Ra/Sr Area 2	248.0	TRUE	11/12/2001	NA	LLL02016	NA	NTS	
1476	LL	Soil-80%, Debris 20%	10/9/2000	Ra/Sr Area 2	248.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1477	LL	Soil- 80%, Debris- 10%, PPE 10%	10/9/2000	Ra/Sr Area 2	248.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1478	LL	Soil- 80%, Debris- 20%	10/13/2000	Ra/Sr Area 2	248.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1479	Stock pile	asphalt and concrete		Misc. Mat	1415.0	transferred	NA	NA	NA	NA	NA	Concrete/asphalt from AH1, AH2 D &D. Material transferred to WDP for processing and characterization. Waste will be managed as WDP waste. Metal added to LEHR 1685 and concrete added to LEHR 1684.
1480	Stock pile	concrete- 90%, metal- 10%		Ra/Sr Area 1	189.0	transferred	NA	NA	NA	NA	NA	Concrete and metal transferred to WDP during WDP RA and were processed. The concrete was added to pile LEHR 1684 and the metal was added to pile LEHR 1685.
1481	LL	Soil- 80%, Debris- 20%	10/13/2000	Ra/Sr Area 2	248.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1482	LL	Soil- 80%, Debris- 20%	10/13/2000	Ra/Sr Area 2	248.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1483	LL	Soil- 80%, Debris- 20%	10/13/2000	Ra/Sr Area 2	248.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1484	LL	Soil- 80%, Debris-20%	10/13/2000	Ra/Sr Area 2	248.0	TRUE	11/19/2001	NA	NA		NTS	
1485	LL	Soil- 80%, Debris 20%	10/13/2000	Ra/Sr Area 2	248.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1486	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1487	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1488	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1489	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	11/19/2001	NA	NA	NA	NTS	
1490	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1491	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1492	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1493	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1494	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1495	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1496	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1497	LL	Soil- 80%, Debris- 20%	10/14/2000	Ra/Sr Area 2	248.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1498	LL	Soil- 80%, Debris- 20%	10/15/2000	Ra/Sr Area 2	248.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1499	LL	Soil- 80%, Debris- 20%	10/15/2000	Ra/Sr Area 2	248.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1500	LL	Soil- 80%, Debris- 20%	10/15/2000	Ra/Sr Area 2	248.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1501	LL	Soil- 80%, Debris- 20%	10/15/2000	Ra/Sr Area 2	248.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1502	LL	Soil- 60%, Debris- 40%	10/15/2000	Ra/Sr Area 2	248.0	TRUE	8/27/2001	NA	NA	NA	NTS	
1503	LL	Soil- 70%, Debris- 30%	10/15/2000	Ra/Sr Area 2	248.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1504	LL	Soil- 60%, Debris- 40%	10/15/2000	Ra/Sr Area 2	248.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1505	LL	Soil- 60%, Debris- 40%	10/15/2000	Ra/Sr Area 2	248.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1506	LL	Soil- 70%, Debris- 30%	10/15/2000	Ra/Sr Area 2	248.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1507	LL	Soil- 80%, Debris- 20%	10/16/2000	Ra/Sr Area 2	248.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1508	LL	Soil- 80%, Debris- 20%	10/16/2000	Ra/Sr Area 2	248.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1509	LL	Soil- 80%, Debris- 20%	10/16/2000	Ra/Sr Area 2	248.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1510	LL	Soil- 90%, Debris- 10%	10/17/2000	Ra/Sr Area 2	248.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1511	LL	Soil- 95%, Debris- 5%	10/17/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1512	LL	Soil- 92%, Debris- 8%	10/18/2000	Ra/Sr Area 2	248.0	TRUE	11/12/2001	NA	LLL02013	NA	NTS	
1513	LL	Soil- 95%, Debris- 5%	10/18/2000	Ra/Sr Area 2	248.0	TRUE	8/20/2001	NA	NA	NA	NTS	
1514	LL	Soil- 90%, Debris- 10%	10/18/2000	Ra/Sr Area 2	248.0	TRUE	11/12/2001	NA	LLL02014	NA	NTS	
1515	LL	Soil- 90%, Debris- 10%	10/18/2000	Ra/Sr Area 2	248.0	TRUE	11/12/2001	NA	LLL02017	NA	NTS	
1516	LL	Soil- 95%, Debris- 5%	10/18/2000	Ra/Sr Area 2	248.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1517	LL	Soil- 92%, Debris- 8%	10/18/2000	Ra/Sr Area 2	248.0	TRUE	11/12/2001	NA	LLL02015	NA	NTS	
1518	LL	Soil- 95%, Debris- 5%	10/18/2000	Ra/Sr Area 2	248.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1519	LL	Soil- 85%, Debris- 15%	10/19/2000	Ra/Sr Area 2	248.0	TRUE	11/12/2001	NA	LLL02012	NA	NTS	
1520	LL	Soil- 96%, Debris- 4%	10/19/2000	Ra/Sr Area 2	248.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1521	LL	Soil- 94%, Debris- 6%	10/19/2000	Ra/Sr Area 2	248.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1522	LL	Soil- 85%, Debris- 15%	10/19/2000	Ra/Sr Area 2	248.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1523	LL	Soil- 80%, Debris- 20%	10/19/2000	Ra/Sr Area 2	248.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1524	LL	Soil- 90%, Debris- 10%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	11/19/2001				NTS	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1525	LL	Soil- 92%, Debris- 8%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	11/19/2001	NA	NA	NA	NTS	
1526	LL	Soil- 90%, Debris- 10%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	11/19/2001	NA	NA	NA	NTS	
1527	LL	Soil- 90%, Debris- 10%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	11/19/2001				NTS	
1528	LL	Soil- 90%, Debris- 10%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1529	LL	Soil- 95%, Debris- 5%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1530	LL	Soil- 95%, Debris- 5%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1531	LL	Soil- 85%, Debris- 15%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1532	LL	Soil- 90%, Debris- 10%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1533	Roll-off bin	Soil- 90%, Debris- 10%	10/20/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Bin #RB9332 material transferred to temporary storage cell and added to lift liners.
1534	LL	Soil- 95%, Debris- 5%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1535	LL	Soil- 90%, Debris- 10%	10/20/2000	Ra/Sr Area 2	248.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1536	Roll-off bin	Soil- 80%, Debris- 20%	10/20/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1537	Roll-off bin	Soil- 80%, Debris- 20%	10/20/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1538	Roll-off bin	Soil- 80%, Debris- 20%	10/20/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1539	Roll-off bin		10/21/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1540	Roll-off bin		10/21/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1541	Roll-off bin		10/21/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1542	Roll-off bin	Soil- 80%, Debris- 20%	10/21/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1543	Roll-off bin	Soil- 75%, Debris- 25%	10/21/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1544	Roll-off bin	Soil- 85%, Debris- 15%	10/21/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1545	Roll-off bin	Soil- 90%, Debris- 10%	10/21/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1546	Roll-off bin	Soil- 90%, Debris- 10%	10/21/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1547	Roll-off bin	Soil- 90%, Debris- 10%		Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Material transferred to temporary storage cell and added to lift liners.
1548	B-25 box	Soil- 100%	10/23/2000	Ra/Sr Area 2	96.0	TRUE	6/26/2002	NA	4006-03-086	NA	Envirocare of Utah	added archived samples from south cargo. Added contents of LEHR 1689, consisting of drill cuttings from DSS 1/5 DLS.
1549	B-25 box	Soil- 95%, PPE- 5%	10/23/2000	Ra/Sr Area 2	96.0	TRUE	6/26/2002	NA	4006-03-086	NA	Envirocare of Utah	Absorbed with water-works SP-400 absorbent. Added contents of LEHR 1634 and 1635, consisting of PPE, poly sheeting, and empty LSC vials.
1550	55 gal drum	85% solidifed water, 15% void space	10/25/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1551	55 gal drum	85% solidifed water, 15% void space	10/25/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with waterworks super absorbent. Absorbed with water-works SP-400 absorbent.
1552	55 gal drum	85% solidifed water, 15% void space	10/25/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1553	55 gal drum	85% solidifed water, 15% void space	10/25/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1554	55 gal drum	85% solidifed water, 15% void space	10/25/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1555	55 gal drum	85% solidifed water, 15% void space	10/25/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1556	55 gal drum	Debris- 75%, Void- 25%	10/25/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1557	55 gal drum	Debris- 75%, Void- 25%	10/25/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1558	55 gal drum	Debris- 75%, Void- 25%	10/26/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1559	55 gal drum	Debris- 75%, Void- 25%	10/26/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1560	55 gal drum	85% solidifed water, 15% void space	10/26/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1561	55 gal drum	85% solidifed water, 15% void space	10/26/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with polysorb. Solidified with Water Works SP-400 absorbent.
1562	55 gal drum	85% solidifed water, 15% void space	10/27/2000	Ra/Sr Area 2	7.5	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1563	55 gal drum	85% solidifed water, 15% void space	10/27/2000	Ra/Sr Area 2	7.5	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with Water Works SP-400 absorbent.
1564	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	7.5	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1565	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1566	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	7.5	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1567	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	7.5	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1568	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	7.5	TRUE		NA	NA	NA	NA	Properly disposed offsite; Disposal site not documented.
1569	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	7.5	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1570	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	7.5	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1571	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	7.5	TRUE						Properly disposed offsite; Disposal site not documented.
1572	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	7.5	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1573	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	7.5	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1574	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	7.5	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1575	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1576	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified equipment decon H20. Solidified with waterworks super absorbent.
1577	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1578	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1579	55 gal drum	85% solidifed water, 15% void space	10/31/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1580	55 gal drum	85% solidifed water, 15% void space	11/1/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1581	55 gal drum	85% solidifed water, 15% void space	11/1/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1582	55 gal drum	85% solidifed water, 15% void space	11/1/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1583	55 gal drum	85% solidifed water, 15% void space	11/1/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1584	55 gal drum	85% solidifed water, 15% void space	11/1/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1585	55 gal drum	85% solidifed water, 15% void space	11/1/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Solidified with Water Works SP-400 absorbent.
1586	LL	Debris- 40%, Soil- 60%	11/2/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	
1587	LL	Debris- 20%, Soil- 80%	11/2/2000	Ra/Sr Area 2	248.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1588	LL	Soil- 100%	11/2/2000	Ra/Sr Area 2	248.0	TRUE	8/22/2001	NA	NA	NA	NTS	
1589	LL	Soil- 100%	11/2/2000	Ra/Sr Area 2	248.0	TRUE	8/22/2001	NA	NA	NA	NTS	
1590	LL	Soil- 100%	11/2/2000	Ra/Sr Area 2	248.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1591	55 gal drum	Lead Joints	10/31/2000	Ra/Sr Area 2		TRUE		NA	NA	NA	NA	Properly disposed offsite; Disposal site not documented.
1592	55 gal drum	100% debris	10/31/2000	Ra/Sr Area 2	5.6	TRUE	12/16/2002	NA	4006-04-001	NA	Envirocare of Utah	Contains platsic/rubber tubes and sump pumps.
1593	LL	Soil- 90%, Debris- 10%	11/10/2000	Ra/Sr Area 2	248.0	TRUE	9/4/2001	NA	NA	NA	NTS	
1594	LL	Soil- 90%, Debris- 6%, PPE- 4%	11/10/2000	Ra/Sr Area 2	248.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1595	LL	Soil- 90%, Debris- 6%, PPE- 4%	11/10/2000	Ra/Sr Area 2	248.0	TRUE	8/29/2001	NA	NA	NA	NTS	
1596	LL	90% soil, 8% debris, 2% PPE	11/10/2000	Ra/Sr Area 2	240.0	TRUE	11/19/2001	NA	NA	NA	NTS	This package was repackaged and the original number was kept. Weight listed is the certified weight.
1597	LL		11/10/2000	Ra/Sr Area 2		transferred	NA	NA	NA	NA	NA	Taken out of service. Package damaged and returned to waste cell for re- packaging. LEHR # out of service.
1598	LL	Soil- 93%, Debris- 7%	11/10/2000	Ra/Sr Area 2	248.0	TRUE	9/26/2001	NA	NA	NA	NTS	22,000 lbs is estimated total weight. Actual weight to be determined prior to shipment.
1599	LL	Soil- 90%, Debris- 10%	11/13/2000	Ra/Sr Area 2	248.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1600	LL	Soil- 98%, Debris- 2%	11/13/2000	Ra/Sr Area 2	248.0	TRUE	9/26/2001	NA	NA	NA	NTS	
1601	LL	Soil- 98%, Debris- 2%	11/13/2000	Ra/Sr Area 2	248.0	TRUE	9/26/2001	NA	NA	NA	NTS	

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1602	LL	Soil- 98%, Debris- 2%	11/13/2000	Ra/Sr Area 2	248.0	TRUE	11/12/2001	NA	LLL02013	NA	NTS	
1603	LL	Soil- 98%, Debris- 2%	11/13/2000	Ra/Sr Area 2	248.0	TRUE	11/12/2001	NA	LLL02016	NA	NTS	
1604	LL	Soil- 98%, Debris- 2%	11/14/2000	Ra/Sr Area 2	248.0	TRUE	8/15/2001	NA	NA	NA	NTS	
1605	LL	Soil- 98%, Debris- 2%	11/14/2000	Ra/Sr Area 2	248.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1606	LL	Soil- 98%, Debris- 2%	11/14/2000	Ra/Sr Area 2	248.0	TRUE	11/14/2001	NA	NA	NA	NTS	
1607	LL	Soil- 98%, Debris- 2%	11/14/2000	Ra/Sr Area 2	248.0	TRUE	8/13/2001	NA	NA	NA	NTS	
1608	LL	Soil- 98%, Debris- 2%	11/14/2000	Ra/Sr Area 2	248.0	TRUE	9/10/2001	NA	NA	NA	NTS	WSA= Waste Staging Area.
1609	LL	Soil- 98%, Debris- 2%	11/14/2000	Ra/Sr Area 2	248.0	TRUE	9/26/2001	NA	NA	NA	NTS	WSA= Waste Staging Area.
1610	LL	Soil- 98%, Debris- 2%	11/14/2000	Ra/Sr Area 2	248.0	TRUE	8/22/2001	NA	NA	NA	NTS	WSA= Waste Staging Area.
1611	LL	Soil- 98%, Debris- 2%	11/14/2000	Ra/Sr Area 2	248.0	TRUE	8/22/2001	NA	NA	NA	NTS	
1612	B-25 box	Soil- 45%, Debris- 5%, PPE- 5%	11/14/2000	Ra/Sr Area 1		TRUE	2/12/2001	NA	4006-03-045	NA	Envirocare of Utah	archived on-site lab samples bulked into B-25 for eventual disposal.
1613	Stock pile	Soil	7/30/1999	Ra/Sr Area 1	1080.0	transferred	NA	NA	NA	NA	NA	40 yards of Ra/Sr Area I Overburden segregated and moved to temporary waste staging area (WSA). Contents transferred to Lift liners 1648, 1649, 1650, 1651, 1652, 1653, and 1654.
1614	Stock pile	Soil	7/30/1999	Ra/Sr Area 1	540.0	transferred	NA	NA	NA	NA	NA	20 yards. of Ra/Sr Area 1 OB segregated and moved to Co-60 may be rad- impacted. Disposition pending. Contents transferred to LEHr 1645, 1646, and 1647 for disposition.
1615	Stock pile	concrete, rebar		Ra/Sr Area 1		transferred	NA	NA	NA	NA	NA	waste added to WDP RA waste stream. This concrete will be processes and managed as WDP waste.
1616	55 gal drum	liquids		Legacy		transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1635.
1617	cooler	liquids		Legacy		transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1635.
1618	box	liquids		Legacy		transferred	NA	NA	NA	NA	NA	Contents emptied and transferred to LEHR 1634.
1619	LL	10%- debris, 10%- dirt, 80%-Asphalt	5/10/2001	WDP	230.0	TRUE	12/12/2001	NA	4006-01-069	NA	Envirocare of Utah	Damage to outer liner. Overpacked in outer liner.
1620	LL	10%- debris, 10% soil, 80% asphalt	5/11/2001	WDP	230.0	TRUE	12/12/2001	NA	4006-01-067	NA	Envirocare of Utah	
1621	LL	10% Debris, 10% soil, 80% asphalt	5/11/2001	WDP	230.0	TRUE	12/12/2001	NA	4006-01-067	NA	Envirocare of Utah	
1622	LL	10% debris, 40% soil, 50% asphalt	5/14/2001	WDP	230.0	TRUE	12/12/2001	NA	4006-01-066	NA	Envirocare of Utah	
1623	LL	10% debris, 40% soil, 50% asphalt		WDP	230.0	TRUE	12/10/2001	NA	4006-01-062	NA	Envirocare of Utah	Liner damaged on top hole repaired by John Wolf
1624	LL	10% debris, 40% soil, 50% asphalt	5/14/2001	WDP	230.0	TRUE	12/10/2001	NA	4006-01-059	NA	Envirocare of Utah	
1625	LL	10% debris, 40% soil, 50% asphalt	5/15/2001	WDP	230.0	TRUE	12/12/2001	NA	4006-01-068	NA	Envirocare of Utah	
1626	LL	10% debris, 40% soil, 50% asphalt	5/15/2001	WDP	230.0	TRUE	12/12/2001	NA	4006-01-068	NA	Envirocare of Utah	
1627	LL	10% debris, 40% soil, 50% asphalt	5/16/2001	WDP	230.0	TRUE	12/12/2001	NA	4006-01-069	NA	Envirocare of Utah	
1628	LL	10% debris, 40% soil, 50% asphalt	5/16/2001	WDP	230.0	TRUE	12/10/2001	NA	4006-01-063	NA	Envirocare of Utah	
1629	LL	10% debris, 40% soil, 50% asphalt	5/16/2001	WDP	230.0	TRUE	12/10/2001	NA	4006-01-063	NA	Envirocare of Utah	
1630	LL	10% debris, 40% soil, 50% asphalt	5/16/2001	WDP	230.0	TRUE	12/10/2001	NA	4006-01-064	NA	Envirocare of Utah	
1631	LL	10% Debris, 40% Soil, 50% asphalt	5/16/2001	WDP	230.0	TRUE	12/10/2001	NA	4006-01-064	NA	Envirocare of Utah	
1632	LL	10% Debris, 40% Soil, 50% asphalt	5/17/2001	WDP	230.0	TRUE	12/12/2001	NA	4006-01-065	NA	Envirocare of Utah	
1633	LL	10% Debris, 40% Soil., 50% Asphalt	5/17/2001	WDP	230.0	TRUE	12/12/2001	NA	4006-01-065	NA	Envirocare of Utah	
1634	55 gal drum	75% debris	4/5/2001	Legacy		transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1549.
1635	55 gal drum	95% debris	4/5/2001	Legacy		transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1549.
1636	55 gal drum	50% liquid	4/5/2001	Legacy	5.6	TRUE	3/19/2002	NA	02001	NA	DSSI/PermaFix	Liquid is stored inside of 5 gal bucket(s) and placed into 55 gal drum. Approximately 10 gallons (7.5 cubic feet/container volume) of LSC cocktail was shipped to DSSI/PermaFix for disposal/incineration.
1637	LL	10% Debris, 60% Soil, 30% Asphalt	5/17/2001	WDP	230.0	TRUE	12/12/2001	NA	4006-01-066	NA	Envirocare of Utah	
1638	LL	10% Debris, 60% Soil, 30% asphalt	5/17/2001	WDP	230.0	TRUE	12/10/2001	NA	4006-01-062	NA	Envirocare of Utah	
1639	LL	10% debris, 60% soil, 30% asphalt	5/17/2001	WDP	230.0	TRUE	12/10/2001	NA	4006-01-061	NA	Envirocare of Utah	
1640	LL	10% Debris, 60% Soil, 30% asphalt	5/18/2001	WDP	230.0	TRUE	12/10/2001	NA	4006-01-061	NA	Envirocare of Utah	
1641	Stock pile	100%- debris	5/14/2001	WDP	125.0	transferred	NA	NA	NA	NA	NA	pine tree from within WDP A8 taken down. Out of Service: Contents transferred to LEHR 1685.
1642	LL	Chlordane	5/17/2001	SWT RA	230.0	TRUE	12/10/2001	NA	4006-01-060	NA	Envirocare of Utah	Portion of stockpile LEHR 0653. The remaining soil was transferred to Co-60 storage for future use.
1643	LL	Chlordane	5/18/2001	SWT RA	230.0	TRUE	12/10/2001	NA	4006-01-059	NA	Envirocare of Utah	Portion of stockpile LEHR 0653. The remaining soil was transferred to Co -60 storage for future use.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1644	LL	Chlordane	5/21/2001	SWT RA	230.0	TRUE	12/10/2001	NA	4006-01-060	NA	Envirocare of Utah	Portion of stockpile LEHR 0653. The remaining soil was transferred to Co- 60 storage for future use.
1645	LL	100%- soil	5/21/2001	Ra/Sr Area 1	230.0	TRUE	6/19/2002	NA	4006-03-081	NA	Envirocare of Utah	
1646	LL	100%- soil	5/21/2001	Ra/Sr Area 1	230.0	TRUE	6/17/2002	NA	4006-03-079	NA	Envirocare of Utah	
1647	LL	90% soil, 10% plastic	5/21/2001	Ra/Sr Area 1	230.0	TRUE	6/19/2002	NA	4006-03-082	NA	Envirocare of Utah	
1648	LL	95% soil, 5% debris	5/23/2001	Ra/Sr Area 1	230.0	TRUE	6/19/2002	NA	4006-03-080	NA	Envirocare of Utah	
1649	LL	97% soil, 3% debris	5/23/2001	Ra/Sr Area 1	230.0	TRUE	6/17/2002	NA	4006-03-079	NA	Envirocare of Utah	Area 1 OB, metals impacted. Contents of LEHR 1315 (transite pipe) added to this package
1650	LL	90% soil, 10% debris	5/23/2001	Ra/Sr Area 1	230.0	TRUE	6/19/2002	NA	4006-03-080	NA	Envirocare of Utah	Area 1 OB, metals impacted. Contents of LEHR 1315 (transite pipe) added to this package.
1651	LL	90% soil, 10% debris	5/23/2001	Ra/Sr Area 1	230.0	TRUE	6/19/2002	NA	4006-03-083	NA	Envirocare of Utah	Area 1 OB, metals impacted. Contents of LEHR 1315 (transite pipe) added to this package.
1652	LL	90% soil, 10% debris	5/23/2001	Ra/Sr Area 1	230.0	TRUE	6/19/2002	NA	4006-03-081	NA	Envirocare of Utah	Area 1 OB, metals impacted. Contents of LEHR 1315 (transite pipe) added to this package.
1653	LL	80% soil, 20% debris	5/24/2001	Ra/Sr Area 1	230.0	TRUE	6/19/2002	NA	4006-03-083	NA	Envirocare of Utah	Area 1 OB, metals impacted. Contents of LEHR 1315 (transite pipe) added to this package.
1654	LL	60% soil, 35% plastic, 5% derbis	5/24/2001	Ra/Sr Area 1	230.0	TRUE	6/19/2002	NA	4006-03-082	NA	Envirocare of Utah	Area 1 OB, metals impacted. Contents of LEHR 1315 (transite pipe) added to this package.
1655	55 gal drum	90% soil, 10% debris	5/2/2001	Ra/Sr Area 2	7.5	transferred	NA	NA	NA	NA	NA	DL sampling for Area 1 and 2. Contents transferred to LEHR 1672 for disposition.
1656	B-25 box	100% Debris	7/13/2001	WDP	96.0	transferred	NA	NA	NA	NA	NA	Process knowledge, no samples collected. Contents transferred to LEHR 1812 and 1813.
1657	B-25 box	100% debris	8/7/2001	WDP	96.0	transferred	NA	NA	NA	NA	NA	Process knowledge, no samples collected. Contents transferred to LEHR 1813 and 1814.
1658	Stock pile	50% asphalt, 50% soil	8/6/2001	WDP	17550.0	TRUE	1/9/2003	NA	NA	NA	Altamont Class II Landfill	Asphalt from Ra/Sr Area I, DSS1/5 and miscellaneous materials was added to this package. Samples were collected after Ra/Sr Area I and DSS1/5 asphalt was added so they represent the waste for designation. Should be managed as "soil," asphalt soil.
1659	Super sack	95% soil, 5% gravel	8/16/2001	DSS6	25.0	transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1738
1660	Super sack	95% soil, 5% gravel	8/16/2001	DSS6	25.0	transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1738.
1661	Super sack	95% soil, 5% gravel	8/16/2001	DSS6	20.0	transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1738.
1662	Super sack	95% soil, 5% gravel	8/16/2001	DSS6	16.0	transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1738.
1663	Super sack	95% soil, 5% gravel	8/17/2001	DSS6	16.0	transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1738.
1664	Super sack	95% soil, 5% gravel	8/16/2001	DSS6	20.0	transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1738.
1665	Super sack	95% soil, 5% gravel	8/17/2001	DSS6	9.0	transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1738.
1666	LL	98% gravel, 2% soil	8/8/2000	Ra/Sr Area 2	220.0	TRUE	11/19/2001	NA	NA	NA	NTS	This material was removed from the surface and tested by on-site lab. Contamination levels were below background.
1667	LL	98% gravel, 2% soil	8/8/2000	Ra/Sr Area 2	240.0	TRUE	11/19/2001	NA	NA	NA	NTS	This material was removed from the surface and tested by on-site lab. Contamination levels were below background.
1668	LL	98% gravel, 2% soil	8/8/2000	Ra/Sr Area 2	240.0	TRUE	11/19/2001	NA	NA	NA	NTS	This material was removed from the surface and tested by on-site lab. Contamination levels were below backgorund.
1669	LL	90% gravel, 2% soil, 8% debris	8/8/2000	Ra/Sr Area 2	240.0	TRUE	11/19/2001	NA	NA	NA	NTS	Material was removed from the surface and tested by on-site lab. Contamination levels were below background.
1670	LL	90% gravel, 5% soil, 5% debris	8/8/2000	Ra/Sr Area 2	240.0	TRUE	11/19/2001	NA	NA	NA	NTS	Material was removed from the surface and tested by on-site lab. Contamination levels were below background.
1671	LL	100% soil	8/31/2000	Ra/Sr Area 2	240.0	TRUE	6/12/2002	NA	4006-03-071	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1672	LL	90% soil, 10% drill cuttings	8/31/2000	Ra/Sr Area 2	240.0	TRUE	6/12/2002	NA	4006-03-071	NA	Envirocare of Utah	Added drill cuttings from designated level sampling that was completed when RA was complete. Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1673	LL	98%soil, 2% debris	8/31/2000	Ra/Sr Area 2	240.0	TRUE	6/12/2002	NA	4006-03-072	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1674	LL	100% soil	8/31/2000	Ra/Sr Area 2	240.0	TRUE	6/12/2002	NA	4006-03-072	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1675	LL	98% soil, 2% debris	8/31/2000	Ra/Sr Area 2	240.0	TRUE	6/12/2002	NA	4006-03-073	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1676	LL	98% soil, 2% debris	8/31/2000	Ra/Sr Area 2	240.0	TRUE	6/12/2002	NA	4006-03-073	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1677	LL	98% soil, 2%debris	8/31/2000	Ra/Sr Area 2	240.0	TRUE	6/12/2002	NA	4006-03-074	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1678	LL	98% soil, 2% debris	8/31/2000	Ra/Sr Area 2	240.0	TRUE	6/12/2002	NA	4006-03-074	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1679	LL	98% soil, 2% debris	8/31/2000	Ra/Sr Area 2	240.0	TRUE	6/12/2002	NA	5006-03-075	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1680	LL	98% soil, 2% debris	8/31/2000	Ra/Sr Area 2	240.0	TRUE	6/12/2002	NA	4006-03-075	NA	Envirocare of Utah	Waste California Combined, but managed and disposed of as LLRW pursuant to the MOU between DOE and DTSC dated 8/24/97 and its extensions.
1681	B-25 box	100% debris	9/13/2001	WDP	96.0	transferred	NA	NA	NA	NA	NA	Process knowledge, no samples collected. Contents transferred to LEHR 1684.
1682	B-25 box	100% debris	9/13/2001	WDP	96.0	transferred	NA	NA	NA	NA	NA	Process knowledge, no samples collected. Contents transferred to LEHR 1684.
1683	B-25 box	100% debris, 100% debris HDPE	9/13/2001	WDP	96.0	transferred	NA	NA	NA	NA	NA	Process knowledge, no samples collected. Contents transferred to LEHR 1684.
1684	Stockpile	100% concrete	8/1/2001	WDP	20061.0	transferred	NA	NA	NA	NA	NA	Combined with LEHR 1470, 1615, 1469, 1479, and 1480. Concrete from Ra/Sr Area I and miscellaneous material was added to the WDP RA Concrete waste for management through disposition. Ra/Sr Area I, Area II, DSS1/5 and miscellaneos material concrete added to this package. 3/7/02: Samples were collected after all waste was combined and represents the waste for designation. Contents transferred to LEHR 1739 through 1875.
1685	Stockpile	80% metal, 20% wood	8/1/2001	WDP	80.0	transferred	NA	NA	NA	NA	NA	Metal from Ra/Sr Area 1 and miscellaneous materials was added to the WDP RA metal waste for management through disposition. Wood is from WDP RA tree removal. 3/7/02: Process knowledge, no samples collected. Contents transferred to LEHR 1739 through 1875.
1686	Stockpile	100% gravel	10/1/2001	WDP	8586.0	TRUE	2/19/2004	NA	NA	GA00504-091	NTS	Western Dog Pens gravel shipped to NTS in Shipment Nos. GA00504-001 thru GA00504-091. Shipped 10/29/03 thru 2/19/04. Estimated volume per shipment: 540 cu. ft.; total volume deviates approximately 6% from original estimate due to measurement error. Information for update provided by NWT.
1687	Stock pile	100% gravel	10/8/2001	WDP	8100.0	TRUE	2/19/2004	NA	NA	GA00504-091	NTS	Western Dog Pens gravel shipped to NTS in Shipment Nos. GA00504-001 thru GA00504-091. Shipped 10/29/03 thru 2/19/04. Estimated volume per shipment: 540 cu. ft.; total volume deviates approximately 6% from original estimate due to measurement error. Information for update provided by NWT.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1688	Stock pile	100% gravel	10/19/2001	WDP	29808.0	TRUE	2/19/2004	NA	NA	GA00504-091	NTS	Western Dog Pens gravel shipped to NTS in Shipment Nos. GA00504-001 thru GA00504-091. Shipped 10/29/03 thru 2/19/04. Estimated volume per shipment: 540 cu. ft.; total volume deviates approximately 6% from original estimate due to measurement error. Information for update provided by NWT.
1689	55 gal drum	95% soil, 5% debris	9/28/2001	DSS1/5		transferred	NA	NA	NA	NA	NA	Contents transferred to LEHR 1548.
1690	Stock pile	100% clean concrete and asphalt	8/20/2001	DSS3	400.0	TRUE	1/9/2003	NA	NA	NA	Altamont Class II Landfill	
1691	Stock pile	100% soil	11/7/2001	SWT RA	11082.0	FALSE	NA	NA	NA	NA	NA	Contains LEHR 0651, 0652, 0653, SWT OB stockpiles. Material reused as fill in the Westrn Dog Pens area. See CERCLA Administrative Record document no. 76.
1692	30 gal drum	100% light ballasts	11/27/2001	Legacy	0.8	TRUE	5/20/2003					13 light ballast totaling 74 lbs. (2 x 11 lbs., 2 x 8 lbs., 9 x 4 lbs.) Shipped under UCD waste disposal contract; manifest to be provided by Jim aborn at time of disposal.
1693	Super sack	90% soil, 10% gravel		DOE Box	27.0	TRUE	7/10/2003	NA	4006-03-0089	NA	Envirocare of Utah	Drill cuttings from DOE Box drilling activities. Use analytical data from drilling program.
1694	LL	60% soil, 35% concrete, 1% wood, 3% rebar, 1% clay pipe	5/13/2002	DSS3	230.0	TRUE	4/10/2003	NA	NA	NA	Envirocare of Utah	
1695	LL	95% soil, 5% clay pipe	5/14/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03072	NA	NTS	
1696	LL	50% soil, 49% cobble/gravel, 1% orangeburg pipe	5/15/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03073	NA	NTS	
1697	LL	50% soil, 49% cobble/gravel, 1% orangeburg pipe	5/15/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03074	NA	NTS	
1698	LL	98% soil, 1% gravel, 1% PPE	5/15/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03074	NA	NTS	
1699	LL	98% soil, 1% gravel, 1% orangeburg pipe	5/16/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03075	NA	NTS	
1700	LL	45% soil, 54% cobble/gravel, 1% PPE	5/16/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03075	NA	NTS	
1701	LL	55% soil, 44% cobble/gravel, 1% orangeburg pipe	5/16/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03075	NA	NTS	
1702	LL	100% soil	5/17/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03076	NA	NTS	
1703	LL	90% soil, 10% cobble/gravel	5/17/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03073	NA	NTS	
1704	LL	90% soil, 10% cobble/gravel	5/20/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03072	NA	NTS	
1705	LL	90% soil, 10% cobble/gravel	5/20/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03071	NA	NTS	
1706	LL	85% soil, 15% cobble/gravel	5/21/2002	DSS3	230.0	TRUE	7/7/2003	NA	LLL03070	NA	NTS	
1707	LL	90% soil, 10% cobble/gravel	5/21/2002	DSS3	230.0	TRUE	7/9/2003	NA	LLL03071	NA	NTS	
1708	LL	90% soil, 10% cobble/gravel	5/22/2002	DSS3	230.0	TRUE	7/7/2003	NA	LLL03069	NA	NTS	
1709	LL	70% soil, 30% cobble/gravel	5/22/2002	DSS3	230.0	TRUE	7/7/2003	NA	LLL03070	NA	NTS	
1710	LL	70% soil, 30% gravel/cobble	5/23/2002	DSS3	230.0	TRUE	7/7/2003	NA	LLL03068	NA	NTS	
1711	LL	90% soil, 10% gravel/cobble	5/23/2002	DSS3	230.0	TRUE	7/7/2003	NA	LLL03068	NA	NTS	
1712	LL	80% soil, 20% gravel	5/28/2002	DSS6	230.0	TRUE	7/7/2003	NA	LLL03068	NA	NTS	
1713	LL	80% soil, 19% gravel, 1% orangeburg pipe	5/29/2002	DSS6	230.0	TRUE	7/7/2003	NA	LLL03067	NA	NTS	
1714	LL	80% soil, 19% gravel, 1% orangeburg pipe	5/29/2002	DSS6	230.0	TRUE	7/7/2003	NA	LLL03066	NA	NTS	
1715	LL	90% soil, 10% gravel	5/30/2002	DSS6	230.0	TRUE	7/7/2003	NA	LLL03067	NA	NTS	
1716	LL	100% soil	5/31/2002	DSS6	85.0	TRUE	7/14/2003	NA	LLL03077	NA	NTS	Waste comprises of 3 Super Sacks (1716, 1717, 1722) combined into one Lift Liner (1716).
1717	Super sack	100% soil	5/31/2002	DSS6	27.0	transferred	NA	NA	NA	NA	NA	Waste transferred to LEHR package # 1716 (3 super sacks into one Lift Liner, includes super sacks 1716, 1717, and 1722).
1718	LL	90% soil, 10% gravel	5/31/2002	DSS6	230.0	TRUE	7/7/2003	NA	LLL03066	NA	NTS	
1719	LL	90% soil, 10% gravel	5/31/2002	DSS6	230.0	TRUE	7/7/2003	NA	LLL03065	NA	NTS	
1720	LL	90% soil, 8% gravel, 1% orangeburg pipe, 1% wood	6/3/2002	DSS6	230.0	TRUE	7/7/2003	NA	LLL03065	NA	NTS	
1721	LL	90% soil, 9% gravel, 1% orangeburg pipe	6/4/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03064	NA	NTS	
1722	Super sack	100% soil	6/4/2002	DSS6	27.0	transferred	NA	NA	NA	NA	NA	Waste transferred to LEHR package # 1716 (3 super sacks into one Lift Liner, includes super sacks 1716, 1717, and 1722).

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1723	LL	90% soil, 9% gravel, 1% orangeburg/clay pipe	6/4/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03063	NA	NTS	
1724	LL	90% soil, 10% gravel	6/5/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03064	NA	NTS	
1725	LL	90% soil, 10% gravel	6/5/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03062	NA	NTS	
1726	LL	90% soil, 10% gravel	6/6/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03063	NA	NTS	
1727	LL	90% soil, 10% gravel	6/6/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03062	NA		
1728	LL	90% soil, 10% gravel	6/7/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03061	NA	NTS	
1729	LL	90% soil, 10% gravel	6/7/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03061	NA	NTS	
1730	LL	90% soil, 9% gravel, 1% orangeburg pipe	6/10/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03060	NA	NTS	
1731	LL	90% soil, 9% gravel, 1% orangeburg pipe	6/10/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03060	NA	NTS	
1732	LL	90% soil, 9% gravel, 1% orangeburg pipe	6/10/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03059	NA	NTS	
1733	LL	90% soil, 10% gravel	6/11/2002	DSS6	230.0	TRUE	6/25/2003				NTS	
1734	LL	90% soil, 10% gravel	6/11/2002	DSS6	230.0	TRUE	6/30/2003	NA	LLL03059	NA	NTS	
1735	LL	90% soil, 10% gravel	6/11/2002	DSS6	230.0	TRUE	6/25/2003	NA	NA	NA	NTS	
1736	LL	90% soil, 10% gravel	6/11/2002	DSS6	230.0	TRUE	6/25/2003	NA	NA	NA	NTS	
1737	LL	90% soil, 10% gravel	6/11/2002	DSS6	230.0	TRUE	6/25/2003	NA	NA	NA	NTS	
1738	LL	100% soil	6/12/2002	DSS6	230.0	TRUE	9/16/2002	NA	LLL02192	NA	NTS	Contents transferred from LEHR 1659-1665. 6164 kilograms
1739	LL	100% concrete	7/10/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02110	NA	NTS	Patched small hole in outer bag per manufacturer's instructions. Small holes in lift liner patched. No free liquids. 9018 kilograms
1740	LL	100% concrete	7/10/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02110	NA	NTS	No free liquids. 9755 kilograms Small holes in lift liner patched.
1741	LL	100% concrete	7/10/2002	WDP	230.0	TRUE	8/21/2002	NA	LL02109	NA	NTS	No free liquids. 8636 kilograms
1742	LL	100% concrete	7/10/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02109	NA	NTS	No free liquids. 8755 kilograms
1743	LL	100% concrete	7/10/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02108	NA	NTS	8373 kilograms No free liquids. Small holes in lift liner patched.
1744	LL	100% concrete	7/10/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02108	NA	NTS	9391 kilograms No free liquids. Small holes in lift liner patched.
1745	LL	100% concrete	7/10/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02107	NA	NTS	8609 kilograms No free liquids.
1746	LL	100% concrete	7/10/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02107	NA	NTS	8618 kilograms No free liquids.
1747	LL	100% concrete	7/10/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02106	NA	NTS	No free liquids. 8491 kilograms
1748	LL	90% soil, 10% concrete	7/11/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02106	NA	NTS	No free liquids. 8718 kilograms
1749	LL	85% soil, 15% concrete	7/11/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02105	NA	NTS	No free liquids. 9055 kilograms
1750	LL	60% soil, 40% concrete	7/11/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02105	NA	NTS	No free liquids. 8836 kilograms
1751	LL	80% concrete, 20% soil	7/11/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02104	NA	NTS	No free liquids. 9164 kilograms Small holes in lift liner patched.
1752	LL	90% concrete, 10% soil	7/11/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02103	NA	NTS	9445 kilograms No free liquids.
1753	LL	90% concrete, 10% soil	7/11/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02103	NA	NTS	9445 kilograms No free liquids.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1754	LL	90% concrete, 10% soil	7/11/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02103	NA	NTS	9227 kilograms No free liquids. Small holes in lift liner patched.
1755	LL	90% concrete, 9% soil, 1% PPE	7/11/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02102	NA	NTS	8964 kilograms No free liquids. Small holes in lift liner patched.
1756	LL	90% concrete, 10% soil	7/11/2002	WDP	230.0	TRUE	8/19/2002	NA	LLL02102	NA	NTS	8900 kilograms No free liquids.
1757	LL	90% concrete, 10% soil	7/11/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02101	NA	NTS	8591 kilograms No free liquids.
1758	LL	90% concrete, 10% debris	7/11/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02101	NA	NTS	9600 kilograms No free liquids.
1759	LL	90% concrete, 10% soil	7/11/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02100	NA	NTS	9027 kilograms No free liquids.
1760	LL	90% concrete, 10% soil	7/11/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02100	NA	NTS	9082 kilograms No free liquids.
1761	LL	90% concrete, 10% soil	7/12/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02099	NA	NTS	9300 kilograms No free liquids.
1762	LL	90% concrete, 10% soil	7/12/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02099	NA	NTS	9473 kilograms No free liquids.
1763	LL	90% concrete, 10% soil	7/12/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02098	NA	NTS	9145 kilograms No free liquids. Small holes in lift liner patched.
1764	LL	90% concrete, 10% soil	7/12/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02098	NA	NTS	9336 kilograms No free liquids.
1765	LL	90% concrete, 10% soil	7/12/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02097	NA	NTS	9236 kilograms No free liquids. Small holes in lift liner patched.
1766	LL	90% concrete, 10% soil	7/12/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02097	NA	NTS	9318 kilograms No free liquids.
1767	LL	90% concrete, 10% soil	7/12/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02096	NA	NTS	9527 kilograms No free liquids. Small holes in lift liner patched.
1768	LL	90% concrete, 10% soil	7/12/2002	WDP	230.0	TRUE	8/14/2002	NA	LLL02096	NA	NTS	9145 kilograms No free liquids. Small holes in lift liner patched.
1769	LL	90% concrete, 10% soil	7/12/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02095	NA	NTS	9064 kilograms. No free liquids.
1770	LL	90% concrete, 10% soil	7/12/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02095	NA	NTS	9200 kilograms No free liquids. Small holes in lift liner patched.
1771	LL	90%concrete, 5% soil, 5% plastic	7/12/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02094	NA	NTS	9427 kilograms No free liquids. Small holes in lift liner patched.
1772	LL	90% concrete, 5% soil, 5% plastic	7/12/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02094	NA	NTS	9382 kilograms. No free liquids. Small holes in lift liner patched.
1773	LL	90% concrete, 5% soil, 5% plastic	7/15/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02093	NA	NTS	8873 kilograms. No free liquids.
1774	LL	90% concrete, 5% soil, 5% plastic	7/15/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02093	NA	NTS	9500 kilograms. No free liquids.
1775	LL	90% concrete, 10% soil	7/15/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02092	NA	NTS	9500 kilograms. No free liquids.
1776	LL	90% concrete, 10% soil	7/15/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02092	NA	NTS	9091 kilograms. No free liquids.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1777	LL	90% concrete, 5% soil, 5% plastic		WDP	230.0	TRUE	8/12/2002	NA	LLL02091	NA	NTS	9100 kilograms. No free liquids. Small holes in lift liner patched.
1778	LL	90% concrete, 5% soil, 5% plastic	7/15/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02091	NA	NTS	8909 kilograms. No free liquids. Small holes in lift liner patched.
1779	LL	90% concrete, 5% soil, 5% plastic	7/15/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02090	NA	NTS	9509 kilograms. No free liquids. Small holes in lift liner patched.
1780	LL	90% concrete, 5% soil, 5% plastic	7/15/2002	WDP	230.0	TRUE	8/12/2002	NA	LLL02090	NA	NTS	9127 kilograms. No free liquids.
1781	LL	90% concrete, 10% soil	7/15/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02148	NA	NTS	9264 kilograms. No free liquids.
1782	LL	90% concrete, 10% soil	7/15/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02155	NA	NTS	9155 kilograms. No free liquids.
1783	LL	90% concrete, 5% soil, 5% plastic	7/15/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02181	NA	NTS	9927 kilograms. No free liquids.
1784	LL	90% concrete, 10% soil	7/15/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02187	NA	NTS	9591 kilograms. No free liquids.
1785	LL	60% concrete, 30% metal, 10% soil	7/16/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02147	NA	NTS	9291 kilograms. No free liquids.
1786	LL	50% concrete, 30% metal, 10% plastic, 10% soil	7/16/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02154	NA	NTS	7364 kilograms. No free liquids. Small holes in lift liner patched.
1787	LL	50% concrete, 40% metal, 10% soil	7/16/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02181	NA	NTS	8600 kilograms. No free liquids. Lift liner over-packed with second lift liner.
1788	LL	50% concrete, 40% metal, 10% soil	7/16/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02186	NA	NTS	8455 kilograms. No free liquids.
1789	LL	50% concrete, 30% metal, 10% plastic, 10% soil		WDP	230.0	TRUE	9/3/2002	NA	LLL02147	NA	NTS	8855 kilograms. No free liquids. Small holes in lift liner patched.
1790	LL	60% concrete, 30% metal, 10% soil	7/16/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02154	NA	NTS	8718 kilograms. No free liquids.
1791	LL	60% concrete, 30% metal, 10% soil	7/16/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02180	NA	NTS	8391 kilograms. No free liquids. Lift liner over-packed with second lift liner.
1792	LL	70% concrete, 20% metal, 10% soil	7/16/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02186	NA	NTS	9045 kilograms. No free liquids.
1793	LL	60% concrete, 20% metals, 10% soil, 10% wood	7/16/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02146	NA	NTS	8055 kilograms. No free liquids.
1794	LL	60% concrete, 20% metals, 10% soil, 10% wood	7/16/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02153	NA	NTS	8400 kilograms No free liquids. Lift liner over-packed with second lift liner.
1795	LL	60% concrete, 10% soil, 20% metals, 10% wood	7/17/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02180	NA	NTS	8309 kilograms No free liquids.
1796	LL	60% concrete, 10% soil, 20% metals, 10% wood	7/17/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02185	NA	NTS	9036 kilograms No free liquids.
1797	LL	60% concrete, 10% soil, 20% metals, 10% wood	7/17/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02146	NA	NTS	8309 kilograms No free liquids. Lift liner over-packed with second lift liner.
1798	LL	60% concrete, 10% soil, 20% metals, 10%wood	7/17/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02153	NA	NTS	9100 kilograms No free liquids.
1799	LL	90% concrete, 10% soil	7/17/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02179	NA	NTS	9609 kilograms. No free liquids.

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Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1800	LL	90% concrete, 10% soil	7/17/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02185	NA	NTS	9445 kilograms. No free liquids.
1801	LL	90% concrete, 10% soil	7/17/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02145	NA	NTS	9445 kilograms No free liquids.
1802	LL	90% concrete, 10% soil	7/17/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02152	NA	NTS	9518 kilograms No free liquids.
1803	LL	90% concrete, 10% soil	7/17/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02179	NA	NTS	9200 kilograms. No free liquids.
1804	LL	90% concrete, 10% soil	7/17/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02184	NA	NTS	9636 kilograms. No free liquids. Small holes in lift liner patched.
1805	LL	90% concrete, 10% soil	7/17/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02145	NA	NTS	9482 kilograms. No free liquids.
1806	LL	90% concrete, 10% soil	7/17/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02152	NA	NTS	9927 kilograms. No free liquids.
1807	LL	90% concrete, 10% soil	7/17/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02157	NA	NTS	9505 kilograms. No free liquids.
1808	LL	90% concrete, 10% soil	7/18/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02184	NA	NTS	9600 kilograms. No free liquids.
1809	LL	80% concrete, 10% metal, 10% soil	7/18/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02144	NA	NTS	9455 kilograms. No free liquids.
1810	LL	50% concrete, 40% metal, 10% soil	7/18/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02151	NA	NTS	8691 kilograms No free liquids. Small holes in lift liner patched.
1811	LL	50% concrete, 40% metal, 10% soil	7/18/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02157	NA	NTS	8318 kilograms No free liquids.
1812	LL	40% concrete, 25% metal, 25% plastic, 5% PPE, 5% soil	7/18/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02183	NA	NTS	7418 kilograms No free liquids.
1813	LL	40% concrete, 25% metal, 25% plastic, 5% PPE, 5% soil	7/18/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02144	NA	NTS	8055 kilograms No free liquids.
1814	LL	40% concrete, 25% metal, 25% platsic, 5% PPE, 5% soil	7/18/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02151	NA	NTS	7664 kilograms No free liquids.
1815	LL	45% concrete, 25% metal, 25% plastic, 10% soil	7/18/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02156	NA	NTS	9182 kilograms No free liquids.
1816	LL	60% concrete, 30% plastic, 10% soil	7/18/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02183	NA	NTS	8964 kilograms No free liquids.
1817	LL	65% concrete, 25% plastic, 10% soil	7/18/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02143	NA	NTS	8864 kilograms No free liquids.
1818	LL	75% concrete, 15% plastic, 10% soil	7/18/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02150	NA	NTS	9373 kilograms No free liquids.
1819	LL	80% concrete, 10% plastic, 10% soil	7/18/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02156	NA	NTS	9391 kilograms No free liquids.
1820	LL	80% concrete, 10% soil, 10% plastic	7/18/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02182	NA	NTS	9127 kilograms No free liquids.
1821	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02136	NA	NTS	10019 kilograms No free liquids.
1822	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02135	NA	NTS	9391 kilograms No free liquids.
1823	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02135	NA	NTS	9155 kilograms No free liquids.
1824	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02134	NA	NTS	9764 kilograms No free liquids. Small holes in lift liner patched.
1825	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02134	NA	NTS	10000 kilograms No free liquids. Small holes in lift liner patched.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1826	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02113	NA	NTS	9645 kilograms No free liquids.
1827	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02113	NA	NTS	10018 kilograms No free liquids.
1828	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02112	NA	NTS	9655 kilograms No free liquids. Small holes in lift liner patched.
1829	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02112	NA	NTS	9582 kilograms No free liquids. Small holes in lift liner patched.
1830	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02111	NA	NTS	9964 kilograms No free liquids. Lift liner over-packed with second lift liner.
1831	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	9/16/2002	NA	LLL02192	NA	NTS	9782 kilograms No free liquids. Small holes in lift liner patched.
1832	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	9/16/2002	NA	LLL02193	NA	NTS	10145 kilograms No free liquids. Small holes in lift liner patched.
1833	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	9/16/2002	NA	LLL02191	NA	NTS	9727 kilograms No free liquids.
1834	LL	90% concrete, 10% soil	7/22/2002	WDP	230.0	TRUE	9/16/2002	NA	LLL02191	NA	NTS	9936 kilograms No free liquids. Lift liner over-packed with second lift liner.
1835	LL	85% concrete, 10% soil, 5% plastic liner	7/23/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02190	NA	NTS	9991 kilograms No free liquids.
1836	LL	90% concrete, 10% soil	7/23/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02190	NA	NTS	9782 kilograms No free liquids. Lift liner over-packed with second lift liner.
1837	LL	90% concrete, 10% soil	7/23/2002	WDP	230.0	TRUE	9/11/2002				NTS	9755 kilograms No free liquids.
1838	LL	90% concrete, 10% soil	7/23/2002	WDP	230.0	TRUE	8/21/2002	NA	LLL02111	NA	NTS	10109 kilograms No free liquids.
1839	LL	85% concrete, 10% soil, 5% plastic	7/23/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02189	NA	NTS	9845 kilograms No free liquids.
1840	LL	85% concrete, 10% soil, 5% plastic	7/23/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02188	NA	NTS	9127 kilograms No free liquids.
1841	LL	90% concrete, 5% soil, 5% plastic	7/23/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02188	NA	NTS	9518 kilograms No free liquids. Small holes in lift liner patched.
1842	LL	90% concrete, 10% soil	7/23/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02143	NA	NTS	9536 kilograms No free liquids. Small holes in lift liner patched.
1843	LL	80% concrete, 15% soil, 5% plastic	7/23/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02150	NA	NTS	9591 kilograms No free liquids. Small holes in lift liner patched.
1844	LL	80% concrete, 15% soil, 5% plastic	7/23/2002	WDP	230.0	TRUE	9/5/2002	NA	LLL02155	NA	NTS	9600 kilograms No free liquids. Small holes in lift liner patched.
1845	LL	80% concrete, 15% soil, 5% plastic	7/23/2002	WDP	230.0	TRUE	9/9/2002	NA	LLL02182	NA	NTS	9827 kilograms No free liquids.
1846	LL	80% concrete, 15% soil, 5% plastic	7/23/2002	WDP	230.0	TRUE	9/11/2002	NA	LLL02187	NA	NTS	9636 kilograms No free liquids. Lift liner over-packed with second lift liner.
1847	LL	80% concrete, 20% soil	7/23/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02149	NA	NTS	9836 kilograms No free liquids.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1848	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02195	NA	NTS	2236 kilograms No free liquids.
1849	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02195	NA	NTS	3545 kilograms No free liquids.
1850	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02195	NA	NTS	1923 kilograms No free liquids.
1851	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02195	NA	NTS	2146 kilograms No free liquids.
1852	B-25 box	90% metals, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02195	NA	NTS	1755 kilograms No free liquids. Transferred sample information from LEHR 1684.
1853	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02195	NA	NTS	2210 kilograms No free liquids.
1854	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02195	NA	NTS	2250 kilograms No free liquids.
1855	B-25 box	90% metals, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02195	NA	NTS	2870 kilograms No free liquids.
1856	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02194	NA	NTS	2810 kilograms No free liquids.
1857	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02194	NA	NTS	2870 kilograms No free liquids.
1858	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02194	NA	NTS	3118 kilograms No free liquids.
1859	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02194	NA	NTS	3170 kilograms No free liquids.
1860	B-25 box	90% metal, 10% concrete	7/24/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02194	NA	NTS	3650 kilograms No free liquids.
1861	LL	80% concrete, 10% metal, 10% soil	7/25/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02142	NA	NTS	9682 kilograms No free liquids.
1862	LL	80% concrete, 10% metals, 5% soil, 5% palstic	7/25/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02142	NA	NTS	9519 kilograms No free liquids.
1863	LL	80% concrete, 10% metals, 10% soil	7/25/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02141	NA	NTS	9109 kilograms No free liquids.
1864	LL	80% concrete, 10% metal, 10% soil	7/25/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02141	NA	NTS	9136 kilograms No free liquids.
1865	LL	80% concrete, 10% metal, 5% soil, 5% plastic	7/25/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02140	NA	NTS	9064 kilograms No free liquids.
1866	LL	80% concrete, 20% soil	7/25/2002	WDP	230.0	TRUE	8/28/2002	NA	LLL02140	NA	NTS	9145 kilograms No free liquids. Small holes in lift liner patched.
1867	LL	75% concrete, 25% soil	7/25/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02139	NA	NTS	9309 kilograms No free liquids.
1868	LL	75% concrete, 25% soil	7/25/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02139	NA	NTS	9091 kilograms No free liquids.
1869	LL	75% concrete, 25% soil	7/25/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02136	NA	NTS	8945 kilograms No free liquids.
1870	LL	75% concrete, 25% soil	7/25/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02148	NA	NTS	9409 kilograms No free liquids.
1871	LL	60% concrete, 40% soil	7/25/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02137	NA	NTS	9236 kilograms No free liquids.
1872	LL	60% soil, 40% concrete	7/25/2002	WDP	230.0	TRUE	9/3/2002	NA	LLL02149	NA	NTS	9400 kilograms No free liquids.
1873	LL	75% soil, 25% concrete	7/25/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02138	NA	NTS	9055 kilograms No free liquids.
1874	LL	90% soil, 10% concrete	7/25/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02137	NA	NTS	8909 kilograms No free liquids.

Table A-1. Non-Time Critical Removal Actions Waste Tracking Summary Data[1]

Package Number	Package Type	Waste Description	Date Generated	Site Area	Waste Volume (cubic feet)	Shipped?	Date Shipped	Hazardous Waste Manifest Number	Radioactive Waste Manifest Number	Bill of Lading	Disposal Site	Comments
1875	LL	95% soil, 5% metal	7/25/2002	WDP	230.0	TRUE	8/26/2002	NA	LLL02138	NA	NTS	8191 kilograms No free liquids.
1876	B-25 box	100% metal	8/22/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02194	NA	NTS	761 kilograms No free liquids.
1877	B-25 box	90% metal, 10% PPE	8/22/2002	WDP	96.0	TRUE	9/16/2002	NA	LLL02194	NA	NTS	849 kilograms No free liquids.
1878	Super sack	40% debris, 60% soil		DSS6	27.0	TRUE	6/26/2003		4006-03-088		Envirocare of Utah	Note: Sample data is representative of this waste.
1879	5 gal drum	100% oil	4/11/2003	Legacy		TRUE	8/7/2003	NA	NA	NA	NA	Oil drained during contaminated equipment characterization activities. Package received by UCD for disposal via UCD Hazardous Waste contract on 8/7/03.
1880	5 gal drum	100%	4/11/2003	Legacy		TRUE	8/7/2003	NA	NA	NA	NA	Oil drained during contaminated equipment characterization activities. Package received by UCD for disposal via UCD Hazardous Waste contract on 8/7/03.
1881	5 gal bucket	100% oil	4/11/2003	Legacy		TRUE	8/7/2003	NA	NA	NA	NA	Oil drained from contaminated equipment characterization activities. UCD received for disposal on 8/7/03.
1882	5 gal bucket	100% oil	4/11/2003	Legacy		TRUE	8/7/2003	NA	NA	NA	NA	Oil drained during contaminated equipment characterization activities. Package received by UCD for disposal via UCD Hazardous Waste contract on 8/7/03.
1883	5 gal bucket	100% Sealant	4/11/2003	Legacy		TRUE	8/7/2003	NA	NA	NA	NA	Sealant drained from 2 pressure sprayers during contaminated equipmnet characterization activities. Package received by UCD for disposal via UCD Hazardous Waste contract on 8/7/03.
1884	B-12 box	lead bricks from package #1324	6/23/2003	Geri-1	48.0	TRUE	6/25/2003	22002001	9310-01-001	NA	Envirocare of Utah	Pig (crate) bricks from package # 1324.
1885	B-12 box	lead sheets and shielding material	6/23/2003	Geri-1	48.0	TRUE	6/25/2003	22002001	9310-01-001	NA	Envirocare of Utah	Lead sheets, lead shielding items.
1886	5 gal drum	Thorium-228 Cylinder		Legacy		TRUE	10/8/2003			LLL04006	NTS	Thorium cylinder transferred from 1324 and packaged on 10/2/03 in a 5-gal drum, overpacked in a 30-gal drum. Added bentonite to 5-gal drum and diatomaceousearth to 30-gal drum. Custody seals applied.

Note:

[1] All waste tracking records are stored at the DOE Legacy Management Records Center, 99 Research Park Road, Morgantown, West Virginia 26505.

Appendix B

Lithologic and Well Completion Logs for DOE Areas Monitoring Wells

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Table B-1. Well Construction Details, DOE Areas Groundwater Monitoring Program, Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis

Well	Date Installed	Total Boring Depth (feet bgs)	Well Diameter	Well Screen Type	Screen Interval (feet bgs)	Filter Pack (feet bgs)	Bentonite (feet bgs)	Cement (feet bgs)	Top-of-Casing Elevation (feet msl)	Ground Surface Elevation (feet msl)	Dedicated Pump Type
UCD1-013	10/26/1989	65	4	PVC	50 - 65	47 - 65	44.5 - 47	0 - 44.5	51.67	49.3	MP
UCD1-018	10/4/1990	70	4	SS	54 - 69	51 - 70	48 - 51	0 - 48	47.81	46.7	MP
UCD1-021	10/11/1990	73.5	4	SS	57 - 72	54 - 73.5	51 - 54	0 - 51	48.05	48.7	MP
UCD1-023	10/17/1990	73	4	SS	56.5 - 71.5	53.5 - 73	50.5 - 53.5	0 - 50.5	48.63	49.3	MP
UCD1-054	2/6/2004	73	2	PVC	58 - 73	56 - 73	54 - 56	0 - 56	48.58	49	MP
UCD1-063	10/1/2008	80	2	PVC	65 - 80	63 - 80	60 - 63	0 - 60	49.88	47.6	MP
UCD1-068	1/6/2011	70	2	PVC	55 - 70	52 - 70	49 - 52	0 - 49	49.04	50.9	MP
UCD1-069	1/5/2011	70	2	PVC	54 - 70	52 - 70	49 - 52	0 - 49	49.16	51.3	MP
UCD1-070	1/4/2011	70	2	PVC	55 - 70	52 - 70	49 - 52	0 - 49	52.23	51	MP
UCD1-071	1/11/2011	70	2	PVC	55 - 70	52 - 70	49 - 52	0 - 49	48.11	48.6	MP
UCD1-072	1/7/2011	70	2	PVC	55 - 70	52 - 70	49 - 52	0 - 49	48.35	50.4	MP
UCD1-073[a]	1/10/2011	70	2	PVC	55 - 70	52 - 70	49 - 52	0 - 49	51.02	49.6	MP

Note:

[a] Planned background well not used due to potential site impacts.

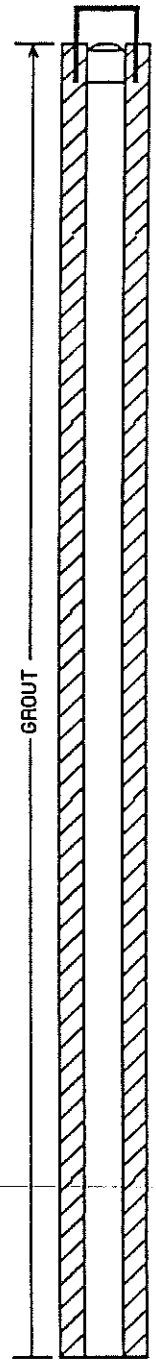
Acronyms/Abbreviations:

bgs - below ground surface
MP - micro-purge bladder pump
msl - mean sea level
PVC - slotted polyvinyl chloride
SS - wire-wrapped stainless steel

MONITORING WELL UCD-13

JOB NAME:	UCD LEHR SWAT
JOB NUMBER:	00234-213-044
DATE COMPLETED:	10/26/89
DRILLING METHOD:	HOLLOW STEM AUGER
SURFACE ELEVATION:	FT. MSLD
TOP OF PVC WELL:	53.16FT. MSLD

DEPTH IN FEET	SAMPLING: SAMPLER TYPE	SAMPLING: BLONS PER FOOT	SAMPLING: OVM (ppm)	SAMPLES	SYMBOLS	DESCRIPTION
0	U	18			SM	BROWN TO YELLOW BROWN SILTY VERY FINE GRAINED SAND WITH MINOR CLAY, few pebbles, <5%, moist.
5	U	33			CL	DARK BROWN SILTY CLAY, moist, stiff. Higher clay content, few root casts.
10	U	79			CL/ML	DARK BROWN SILTY CLAY, CLAYEY SILT. Higher sand content.
15	U	30			ML	BROWN TO YELLOW BROWN SILT WITH MINOR CLAY, moist, few root casts.
20	U	40			ML/CL	BROWN TO YELLOW BROWN CLAYEY SILT, SILTY CLAY, minor sand, some gray green mottling, thin clay laminations, moist.
25	U	63				Higher silt content, mottling and root casts.
30	U	73			SM	GRADATIONAL CHANGE TO YELLOW BROWN SILTY VERY FINE GRAINED SAND, moist, some mottling, pores. Higher silt and clay content.
35					ML/CL	



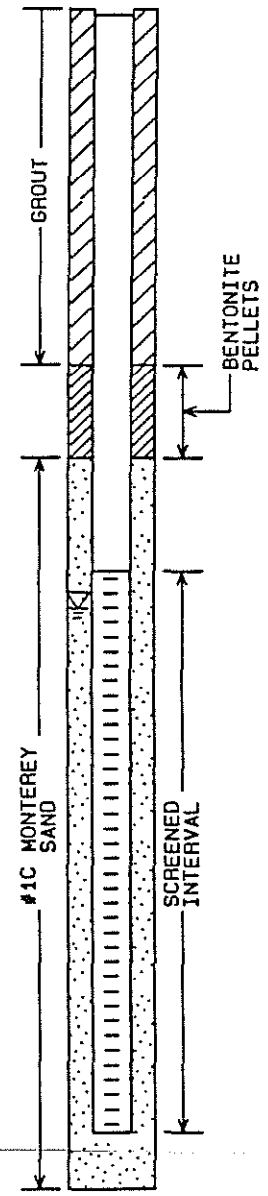
WELL LOG

Dames & Moore

MONITORING WELL UCD-13

PAGE 2 OF 2

DEPTH IN FEET	SAMPLING: SAMPLER TYPE	SAMPLING: BLOWS PER FOOT	SAMPLING: OVM (ppm)	SAMPLES	SYMBOLS	DESCRIPTION
35	U	57			ML/CL	YELLOW BROWN VERY FINE GRAINED SANDY CLAYEY SILT, moist, medium stiff, few pores. Silty layer at 38' to 39'.
40	U	69				YELLOW BROWN CLAYEY SILT TO SILTY CLAY, with gray mottling, few pores, moist, stiff. Higher sand content at 42.5' to 43'.
45	U	63			ML	YELLOW BROWN CLAYEY SILT, sandier at 45.5', decreasing sand and clay at 46'. Higher sand content.
50	U	77			ML/SM	YELLOW BROWN VERY FINE GRAINED SANDY CLAYEY SILT, SILTY CLAY, wet, soft. First water encountered during drilling.
					ML/CL	YELLOW BROWN CLAYEY SILT TO SILTY CLAY, minor sand, root casts.
55						
60	U	49				As above Moist, stiff, decreasing root casts, some black specks.
65	U	89				
70						



NOTES:
1) 12 INCH PILOT HOLE COMPLETED TO A DEPTH OF 65 FEET BELOW GROUND SURFACE ON 10/26/89.
2) 4 INCH SCHEDUAL 40 PVC CASING INSTALLED TO 64.5 FEET. SCREEN (.010 SLOT) INTERVAL FROM 50 FEET TO 65 FEET.

WELL LOG

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MONITORING WELL UCD-18

DRILLING METHOD: Hollow Stem Auger
SAMPLING METHOD Continuous Core, California Mod
DATE COMPLETED: 10/2/90

DEPTH IN FEET	SAMPLING: Sample Type	SAMPLING: Blows Per Foot	SAMPLING: OVM (ppm)	SAMPLES	SYMBOLS	DESCRIPTION
0					CL ML	DARK BROWN SILTY CLAY/CLAYEY SILT, hard, slightly moist, some roots.
						Some sandy zones.
5	CM	37				As above.
						Whiter vein fillings, reacts with hydrochloric acid, decreasing roots.
10	CM	20				Becomes BROWNISH YELLOW SILTY CLAY, very stiff, moist, common pores.
						Increased clay.
15	CM	20				Very stiff to hard, moist.
						With minor sand, some greenish gray mottling at 19 feet, moist, some black specks.
20	CM	37				Mottled brownish yellow and dark brown/ black, hard, slightly moist, slight increase in silt content.
					CL ML	BROWNISH YELLOW SILTY CLAY/CLAYEY SILT, very stiff to hard, moist, some black coating on parting surfaces.
25	CM					As above.
						Increased silt.
30	CM	62				Some concretions to 3 mm, hard, moist, reacts with hydrochloric acid.
						Increased buff concretions and mottling at bottom of sample.
						Minor sand and silt.
35						

GROUT

DOE PHASE II SITE CHARACTERIZATION
LEHR Environmental Restoration
Davis, California
FEBRUARY 1993

Dames & Moore

10805-454-044

Page 1 of 2

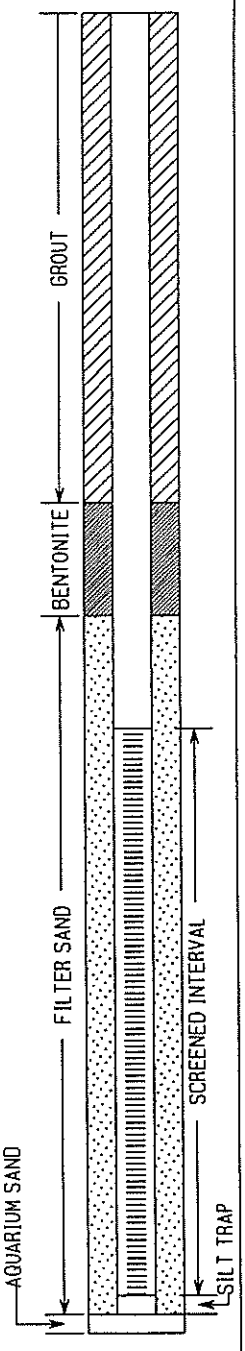
MONITORING WELL

UCD-18

DRILLING METHOD: Hollow Stem Auger
SAMPLING METHOD: Continuous Core, California Mod
DATE COMPLETED: 10/2/90

Depth (ft)	Sample Type	Blows Per Foot	OVM (ppm)	Samples	Symbols	Description
35	CM	41		■	CL/ML	As above.
40	CM	35		■	CL/SM	BROWNISH YELLOW SILTY FINE SANDY CLAY, mottled colors, brown, greenish gray, brownish yellow. Common buff colored concretions, reacts with hydrochloric acid. Increased silt content. Hard, moist, minor greenish gray and dark brown mottling.
					SM	BROWN SILTY FINE TO VERY FINE GRAIN SAND, moist, some greenish gray mottling.
45	CM	37			SP	BROWN FINE GRAIN SAND, loose, moist, some silty zones.
50	CM	45		■	CL	BROWNISH YELLOW SILTY CLAY, hard, moist, some interbedded gray laminations. As above. Increased sand content.
55	CM	49		■	ML/SC	BROWNISH YELLOW FINE SANDY CLAYEY SILT, very stiff to hard, moist.
					SP	BROWN SAND, with minor silt and clay, loose, moist, some greenish gray mottling.
60	CM	50		■	CL/ML	DARK BROWNISH YELLOW SILTY CLAY/CLAYEY SILT, hard, moist, buff vein fillings, reacts with hydrochloric acid. Moist to wet.
65	CM	16		■	SM/SC	BROWNISH YELLOW SILTY CLAYEY SAND, interbedded with sandy clayey silts, wet, medium stiff, some thin lamination of fine sand.
70					ML/CL	BROWNISH YELLOW CLAYEY SILT, stiff, moist.

DEPTH IN FEET



DOE PHASE II SITE CHARACTERIZATION

LEHR Environmental Restoration
Davis, California
FEBRUARY 1993

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10805-454-044

Page 2 of 2

MONITORING WELL

UCD-21

DRILLING METHOD: Hollow Stem Auger
SAMPLING METHOD: California Mod
DATE COMPLETED: 10/10/90

SAMPLING			SYMBOLS	DESCRIPTION
Sample Type	Blows Per Foot	OVM (ppm)		
CM	67		GM	GRAVEL, with silt and clay, loose, damp. (Road base).
CM	18		CL ML	DARK BROWN SILTY CLAY/CLAYEY SILT, stiff, moist. Grading to dark brownish yellow, very stiff.
CM	85			Contains white calcareous material, very stiff, damp.
CM	18		CL	BROWNISH YELLOW SILTY CLAY, very stiff, moist. Grades to BROWN SILTY CLAY, medium stiff, damp, some black specks, white coatings - reacts with hydrochloric acid, becomes very stiff at 18 feet.
CM	46		CL ML	BROWN SILTY CLAY/CLAYEY SILT, with sand, becoming hard.
CM	29			Becomes very stiff, moist, white concretions, black specks.
CM	22		ML SC	BROWN/BROWNISH YELLOW VERY FINE CLAYEY SANDY SILT, medium stiff to stiff, slightly moist.
			SM	BROWN SILTY VERY FINE GRAIN SAND, moist.
			ML CL	Decreased silt content.
CM	21		ML SC	BROWNISH YELLOW WITH SOME GRAY GREEN MOTTLING, CLAYEY SAND/SILT, very stiff, moist.

DEPTH IN FEET: 0, 5, 10, 15, 20, 25, 30, 35

SAMPLES

GROUT

DOE PHASE II SITE CHARACTERIZATION
LEHR Environmental Restoration
Davis, California
FEBRUARY 1993

Dames & Moore

10805-454-044

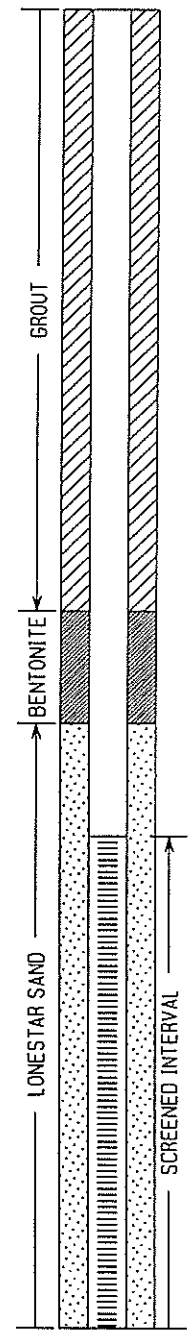
Page 1 of 3

MONITORING WELL

DRILLING METHOD: Hollow Stem Auger
SAMPLING METHOD: California Mod
DATE COMPLETED: 10/10/90

UCD-21

DEPTH IN FEET	SAMPLING: Sample Type	SAMPLING: Blows Per Foot	SAMPLING: OVM (ppm)	SYMBOLS	DESCRIPTION
35				ML SC	
				ML CL	Grades to SILTY CLAY/CLAYEY SILT, damp, very stiff to hard.
40	CM	31		CL ML	BROWNISH YELLOW WITH GREENISH GRAY MOTTLING SILTY CLAY, very stiff to hard, moist, some buff nodules to 1 cm, black specks.
				ML CL	BROWN WITH LIGHT GRAY MOTTLING CLAYEY SILT/SILTY CLAY, white concretions react with hydrochloric acid.
45	CM	23			Increased greenish gray mottling. Decreased clay, graded from very stiff to stiff.
				ML SM	1 foot zone interbedded BROWN SILTY SAND AND SILTS, with clay, soft, damp.
				ML	Thin wet zone at 50.5 feet, brown silt ~2 inches thick.
50	CM	35			BROWNISH YELLOW WITH GREENISH GRAY AND BUFF MOTTLING CLAYEY SILT, stiff to very stiff, moist, black specks.
55				SP	Thin sand laminate at 54.8 feet, moist.
	CM	40		ML CL	STRONG BROWNISH YELLOW SILTY CLAY/CLAYEY SILT, hard, moist, decreased mottling.
				ML CL	Increased silt.
60	CM	57			Increased clay, very stiff.
					Becomes hard, damp, white concretions react with hydrochloric acid, fissure filling, some greenish gray mottling.
65	CM	30			BROWN CLAYEY SILT, very little sand, wet, clayey zones, moist.
70					Increasing clay at 69 feet.



DOE PHASE II SITE CHARACTERIZATION
LEHR Environmental Restoration
Davis, California
FEBRUARY 1993

Dames & Moore

10805-454-044

MONITORING WELL

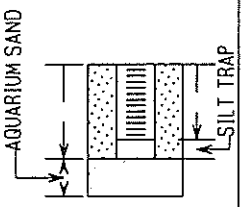
DRILLING METHOD: Hollow Stem Auger
SAMPLING METHOD: Calfornia Mod
DATE COMPLETED: 10/10/90

UCD-21

SAMPLING			SAMPLES	SYMBOLS		DESCRIPTION
Sample Type	Blows Per Foot	OVM (ppm)				
CM	27		■		ML CL	BROWNISH YELLOW CLAYEY VERY FINE SANDY SILT, stiff to very stiff, moist to wet, clay content varies from minimal to predominant.
					CL	BROWNISH YELLOW SILTY CLAY, very stiff to hard, very moist.

DEPTH IN FEET: 70, 75, 80, 85, 90, 95, 100, 105

NOTES:
1) BORING COMPLETED AT A DEPTH OF 73.5 FT BELOW GROUND SURFACE (BGS) ON 10/10/90.
2) PVC WELL INSTALLED TO A DEPTH OF 57 FT BGS; SCREENED INTERVAL FROM 57 TO 72 FT.



DOE PHASE II SITE CHARACTERIZATION
LEHR Environmental Restoration
Davis, California
FEBRUARY 1993

Dames & Moore

10805-454-044

Page 3 of 3

MONITORING WELL UCD-23

DRILLING METHOD: Hollow Stem Auger
SAMPLING METHOD: California Mod
DATE COMPLETED: 10/15/90

Depth in Feet	Sample Type	Blows Per Foot	OVM (ppm)	Symbols	Description
0	CM	26		SM ML	DARK BROWN SANDY CLAYEY SILT, hard, slightly moist, interbedded with clay. Grades to DARK BROWNISH YELLOW SILTY FINE SAND, dense, slightly moist.
5	CM	15		SP	DARK BROWN FINE SAND, with minor silt, loose, dry.
				CL / SP	DARK BROWN SILTY CLAY, hard, slightly moist.
				SC CL	DARK BROWN CLAYEY SAND/SANDY CLAY. Grades clayier, desication cracks filled with sand at contact.
10	CM	34		CL	BROWNISH YELLOW SILTY CLAY, hard, moist, hard, moist, some tan mottling that reacts with hydrochloric acid. Grades to slightly less stiff.
15	CM	29			As above, very stiff, common pores to 2 mm diameter.
20	CM	63			Becomes BROWNISH YELLOW, COLOR BRIGHTER (STRONGER), with black specks, hard.
25	CM	41			As above with buff colored concretions, reacts with hydrochloric acid.
				ML CL	Grades to BROWNISH YELLOW CLAYEY SILT, with some very fine grain sand, stiff, moist.
30	CM	26		ML SC	As above grades to VERY FINE SANDY CLAYEY SILT/SILTY SAND, hard, moist.
				CL	BROWNISH YELLOW SILTY CLAY, very stiff, moist, buff concretions react with hydrochloric acid, thinly bedded with greenish gray mottling.
35	CM	32			

GROUT

DOE PHASE II SITE CHARACTERIZATION
LEHR Environmental Restoration
Davis, California
FEBRUARY 1993

Dames & Moore

10805-454-044

Page 1 of 3

MONITORING WELL

UCD-23

DRILLING METHOD: Hollow Stem Auger
SAMPLING METHOD: California Mod
DATE COMPLETED: 10/15/90

SAMPLING			SAMPLES	SYMBOLS	DESCRIPTION
Sample Type	Blows Per Foot	OVM (ppm)			
				CL	As above. Buff concretions common.
CM	25			ML SC	As above, BROWNISH YELLOW CLAYEY FINE SANDY SILT/SILTY SAND, very stiff, moist.
					As above, increasing silt, thinly bedded grayish green clay, some thin sand laminates.
CM	35			SM	BROWNISH YELLOW SILTY VERY FINE GRAINED SAND, dense, moist.
					Some brittle clay interbeds.
					Concretions (CaCo3) common.
CM	44				As above.
				SC	Color grades to greenish gray tint on more common brownish yellow color.
				CL	BROWN CLAYEY SAND, moist.
					BROWN SILTY CLAY, hard, damp, some white mottling, black specks.
CM	37			CL	BROWNISH YELLOW SILTY CLAY, hard, moist, increasing buff concretions.
					Increasing sand with clay, becomes moist.
CM	61				
				CL	BROWNISH YELLOW SILTY CLAY, hard, damp, thinly bedded with greenish gray clay, white concretions react with hydrochloric acid.
CM					As above, few, if any concretions.
				ML CL	BROWNISH YELLOW SILTY CLAY/CLAYEY SILT, stiff to very stiff, wet.

DEPTH IN FEET: 35, 40, 45, 50, 55, 60, 65, 70

GROUT
BENTONITE
LONESTAR SAND
SCREENED INTERVAL

DOE PHASE II SITE CHARACTERIZATION

LEHR Environmental Restoration
Davis, California
FEBRUARY 1993

Dames & Moore

10805-454-044

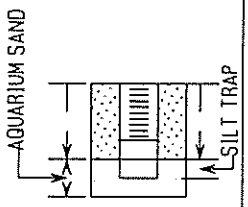
MONITORING WELL UCD-23

DRILLING METHOD: Hollow Stem Auger
SAMPLING METHOD: California Mod
DATE COMPLETED: 10/15/90

SAMPLING			SAMPLES	SYMBOLS		DESCRIPTION
Sample Type	Blows Per Foot	OVM (ppm)				
					ML	As above.
CM	47				CL	BROWNISH YELLOW SILTY CLAY, very stiff, wet, black specks.
CM	54				CL	Becomes hard, moist, buff concretions common.

DEPTH IN FEET: 70, 75, 80, 85, 90, 95, 100, 105

NOTES:
1) BORING COMPLETED AT A DEPTH OF 76.5 FT, REAMED TO 73.0 FT FOR WELL INSTALLATION, BELOW GROUND SURFACE (BGS) ON 10/15/90.
2) PVC WELL INSTALLED TO A DEPTH OF 56.5 FT BGS; SCREENED INTERVAL FROM 56.5 TO 71.5 FT.

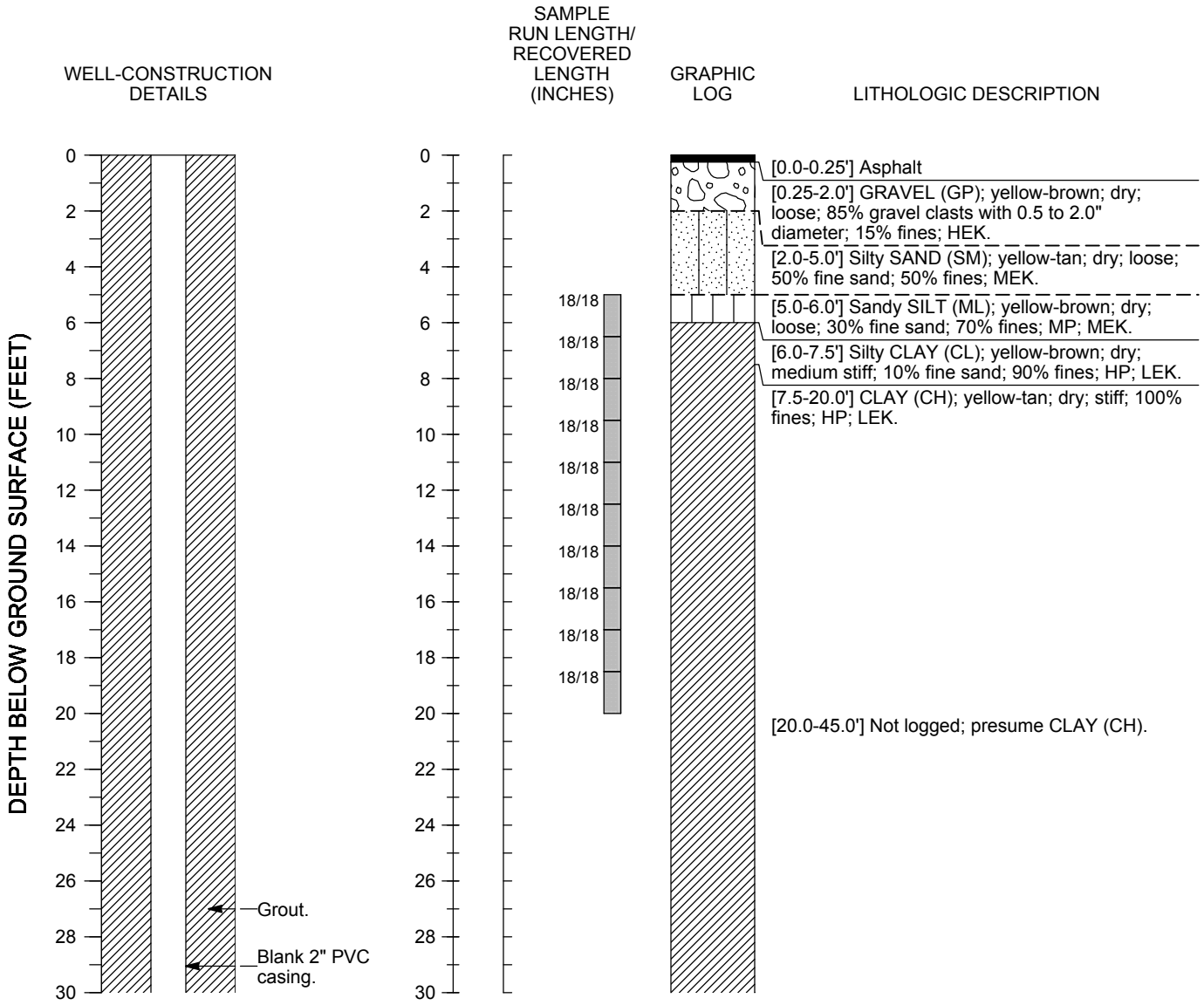


DOE PHASE II SITE CHARACTERIZATION
LEHR Environmental Restoration
Davis, California
FEBRUARY 1993

Dames & Moore

10805-454-044

GROUNDWATER MONITORING WELL UCD1-54



EXPLANATION

Abbreviations:
ft bgs = feet below ground surface
HEK = high estimated hydraulic conductivity
HP = high plasticity
LEK = low estimated hydraulic conductivity
MEK = moderate estimated hydraulic conductivity
MP = medium plasticity
PVC = polyvinyl chloride
WL = water level

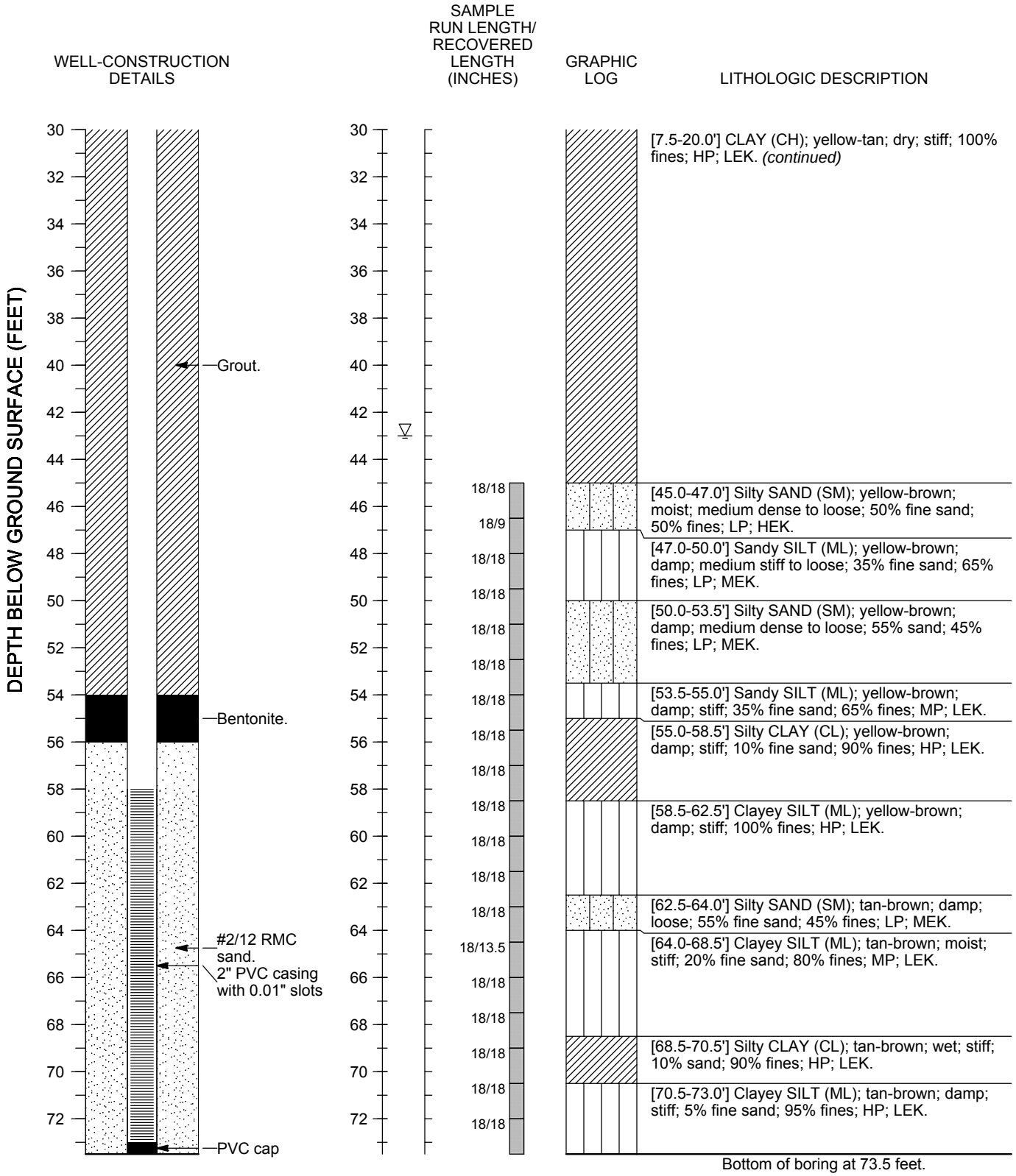
Notes:
1. Borehole hand-augered to 5 ft bgs

Symbols:
WL during drilling (2/6/2004 1:20:00 PM)
Core run interval
Definite contact
Inferred contact

Logged by:	Maureen Wan
Checked by:	Bob Devany, PG
Drilling contractor:	Gregg Drilling and Testing
Drilling contractor license:	C57-485165
Driller:	Robert Greguras
Date started:	2/6/2004
Date completed:	2/6/2004
Drilling method:	Hollow Stem Auger
Type of sampler:	Split-spoon
Boring diameter:	8"
Well-head completion:	8" traffic-rated well vault
Well-casing diameter:	2"

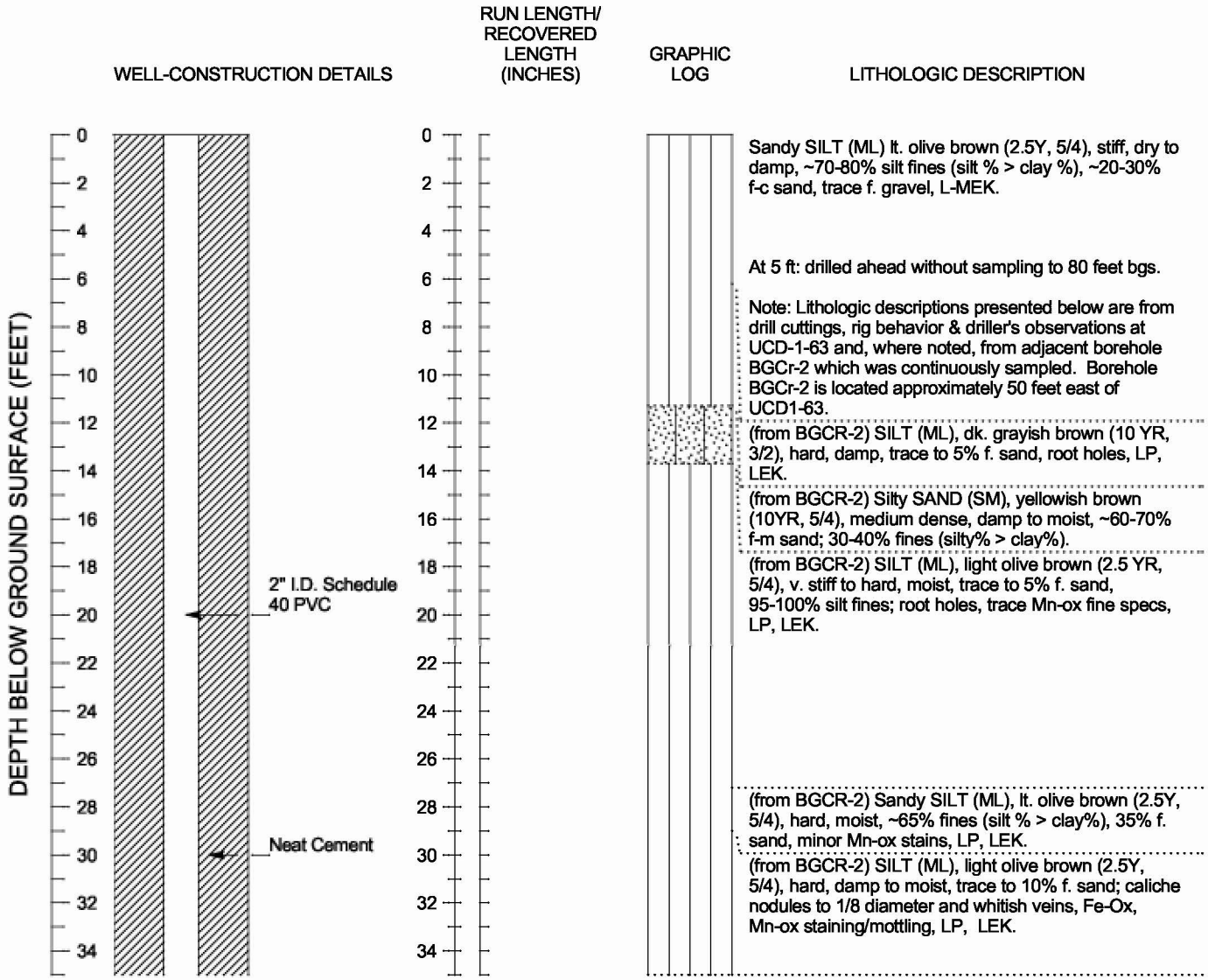
Boring Log and Well Construction Details for Groundwater Monitoring Well UCD1-54, Laboratory for Energy-related Health Research, Dry Wells Area, Center for Health and the Environment, Davis, California

GROUNDWATER MONITORING WELL UCD1-54



Boring Log and Well Construction Details for Groundwater Monitoring Well UCD1-54, Laboratory for Energy-related Health Research, Dry Wells Area, Center for Health and the Environment, Davis, California

WELL UCD1-63



EXPLANATION

Abbreviations:
Fe-ox = iron oxide
f-m-c = fine-medium-coarse
HEK = high estimated conductivity
LEK = low estimated conductivity
LP = low plasticity
MEK = medium estimated conductivity
Mn-ox = magnesium oxide
MP = medium plasticity

Notes:
1. Hand augered 0-5'
2. Lithologic descriptions are from cuttings, rig behavior, drillers observations and continuous core observed in nearby borehole BGCr-2.

Symbols:
▽ Water level during drilling (first encountered)

Logged by:	RKD
Checked by:	MLS
Drilling contractor:	Test America
Drilling contractor license:	819548
Driller:	Izzy Sapien
Date begun:	10/1/2008
Date completed:	10/1/2008
Drilling method:	Hollow Stem Auger
Type of sampler:	Split Spoon
Ground-surface elevation:	47.6
Bore-hole diameter:	8"
Well-head completion:	
Well-casing diameter:	2"

Figure A-7. Boring Log and Well-Construction Details for Well UCD1-63, LEHR/SCDS, UC Davis, Davis, California

WELL UCD1-63

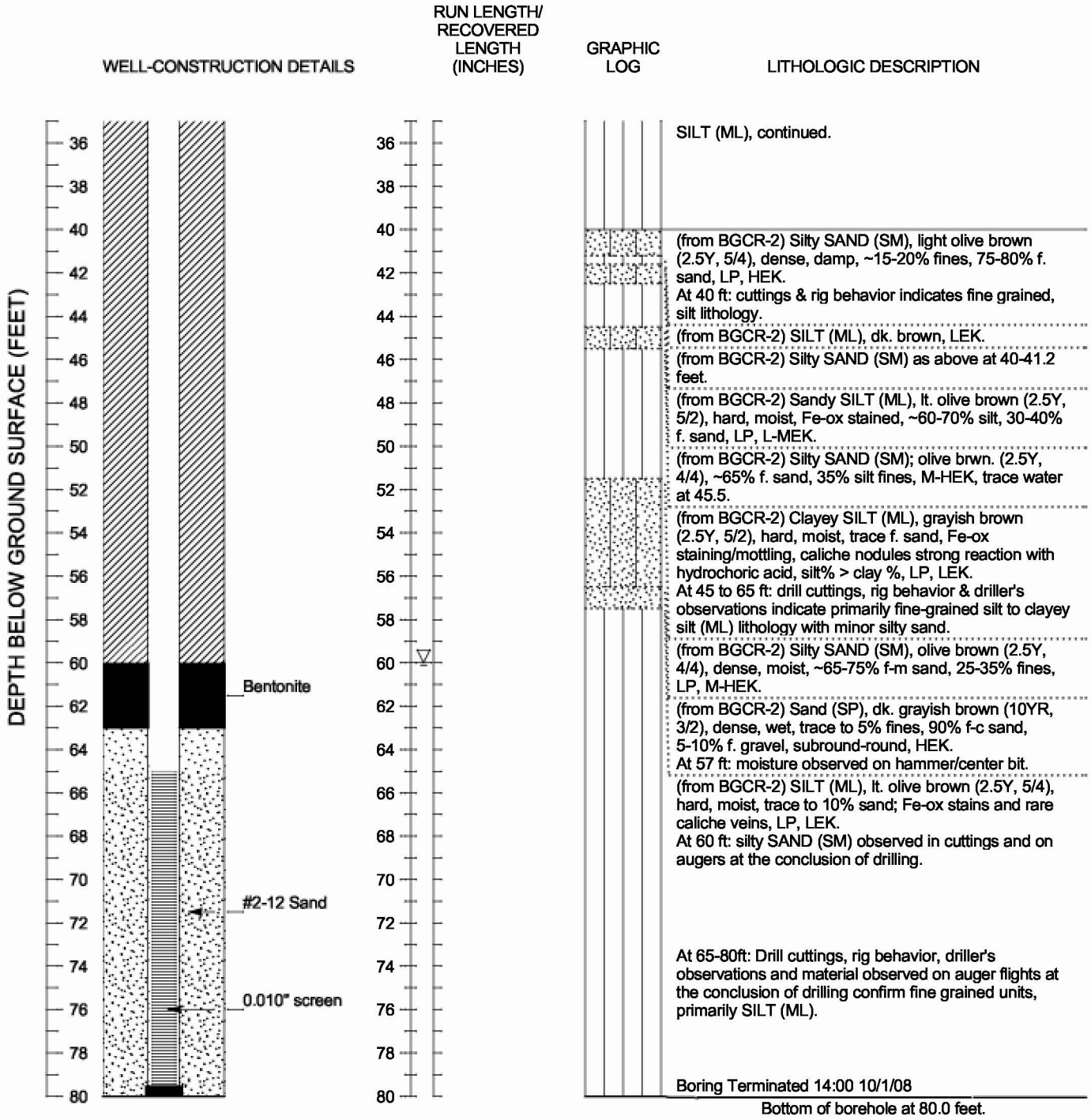
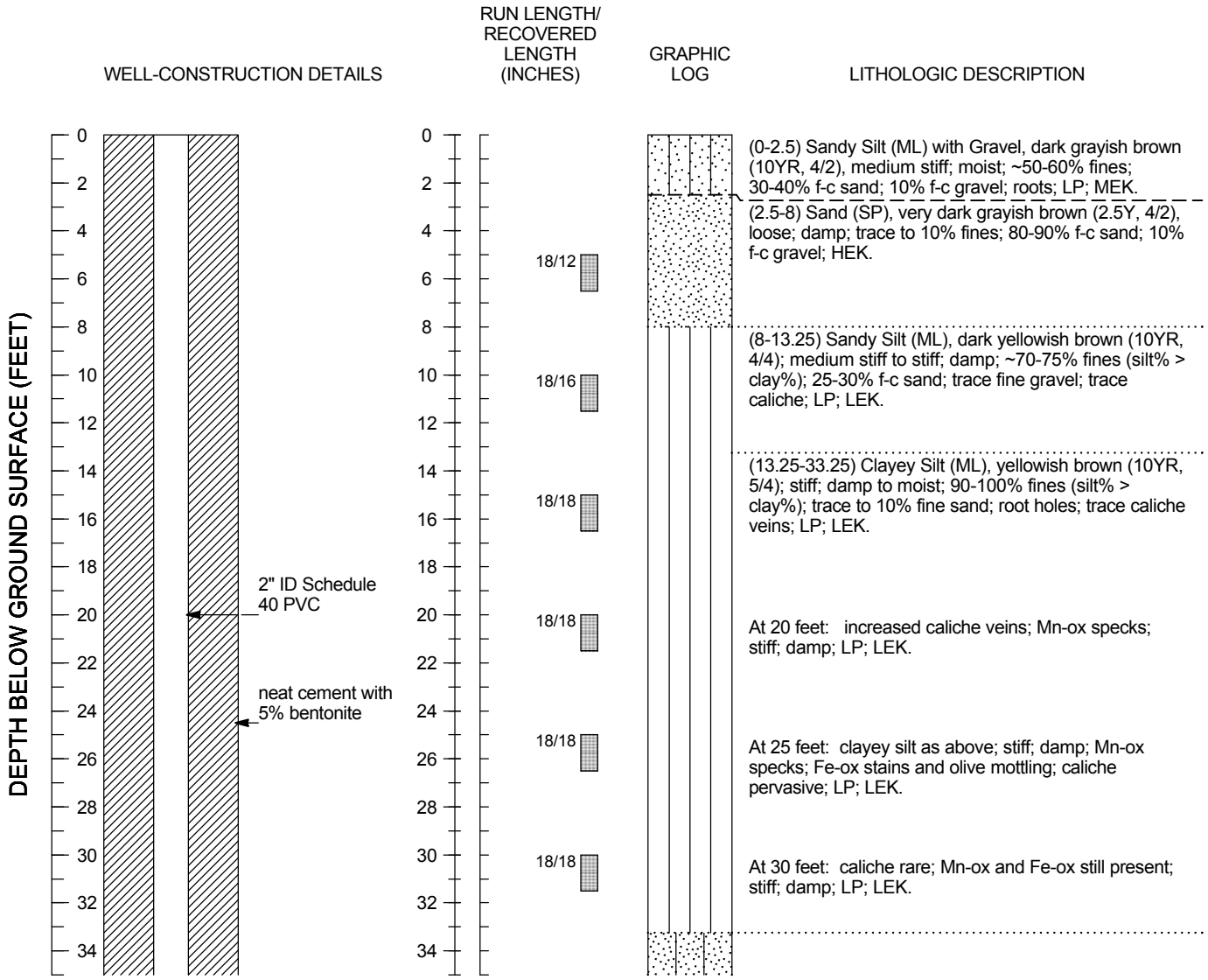


Figure A-7. Boring Log and Well-Construction Details for Well UCD1-63, LEHR/SCDS, UC Davis, Davis, California

WELL UCD1-068



EXPLANATION

Abbreviations:
Fe-ox = iron oxide
f-m-c = fine-medium-coarse
HEK = high estimated conductivity
LEK = low estimated conductivity
LP = low plasticity
MEK = medium estimated conductity
Mn-ox = mangense oxide

Symbols:
▽ Water level during drilling (first encountered)
▨ Location of core run

Logged by:	RKD
Checked by:	ROD
Drilling contractor:	Gregg Drilling
Drilling contractor license:	C57# 485165
Driller:	Luis Torres
Date begun:	1/6/2011
Date completed:	1/6/2011
Drilling method:	hollow-stem auger
Type of sampler:	1.5"x18", 2"x5 ft core bbls
Ground-surface elevation (ft-MSL):	50.9
Bore-hole diameter:	8
Well-head completion:	flush-mount Christie box
Well-casing diameter:	2

Notes:
1. Hand auger used to clear 0-5 feet.
2. Borehole was sampled every 5 feet from 0 to 45 feet with a 1.5" ID, 2" OD by 18" long drive sampler.
3. Borehole was cored continuously from 45 to 70 feet with a 5-foot long core barrel sampler.

Figure 1. Boring Log and Well-Construction Details for Well UCD1-068, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-068

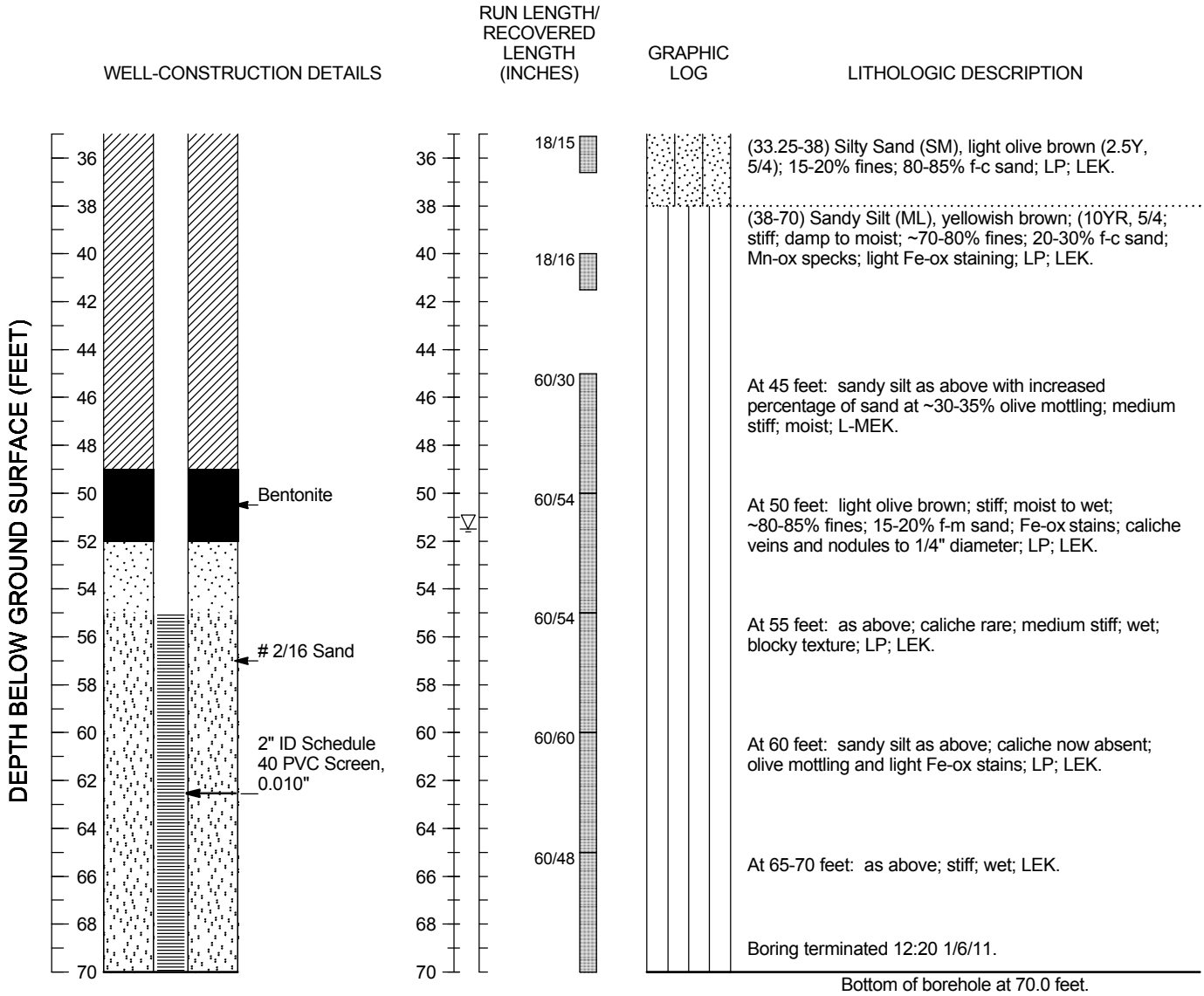
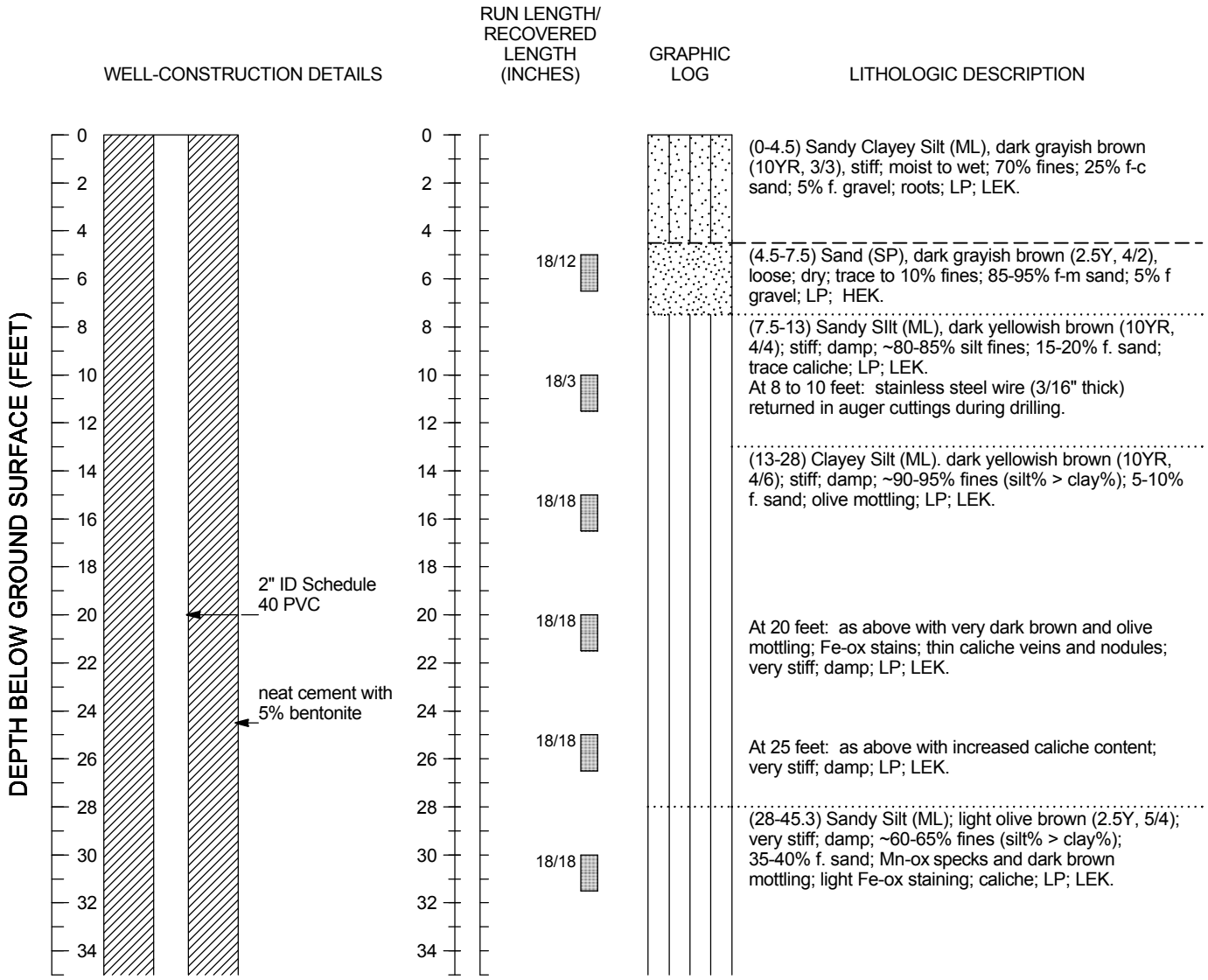


Figure 1. Boring Log and Well-Construction Details for Well UCD1-068, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-069



EXPLANATION

Abbreviations:
Fe-ox = iron oxide
f-m-c = fine-medium-coarse
HEK = high estimated conductivity
LEK = low estimated conductivity
LP = low plasticity
MEK = medium estimated conductity
Mn-ox = mangense oxide

Symbols:
▽ Water level during drilling (first encountered)
▨ Location of core run

Logged by:	RKD
Checked by:	ROD
Drilling contractor:	Gregg Drilling
Drilling contractor license:	C57# 485165
Driller:	Luis Torres
Date begun:	1/5/2011
Date completed:	1/5/2011
Drilling method:	hollow-stem auger
Type of sampler:	1.5"x18", 2"x5 ft core bbls
Ground-surface elevation (ft-MSL):	51.3
Bore-hole diameter:	8
Well-head completion:	flush-mount Christie box
Well-casing diameter:	2

Notes:
1. Hand auger used to clear 0-5 feet.
2. Borehole was sampled every 5 feet from 0 to 45 feet with a 1.5" ID, 2" OD by 18" long core barrel sampler.
3. Borehole was cored continuously from 45 to 70 feet with a 5-foot long core barrel sampler.

Figure 2. Boring Log and Well-Construction Details for Well UCD1-069, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-069

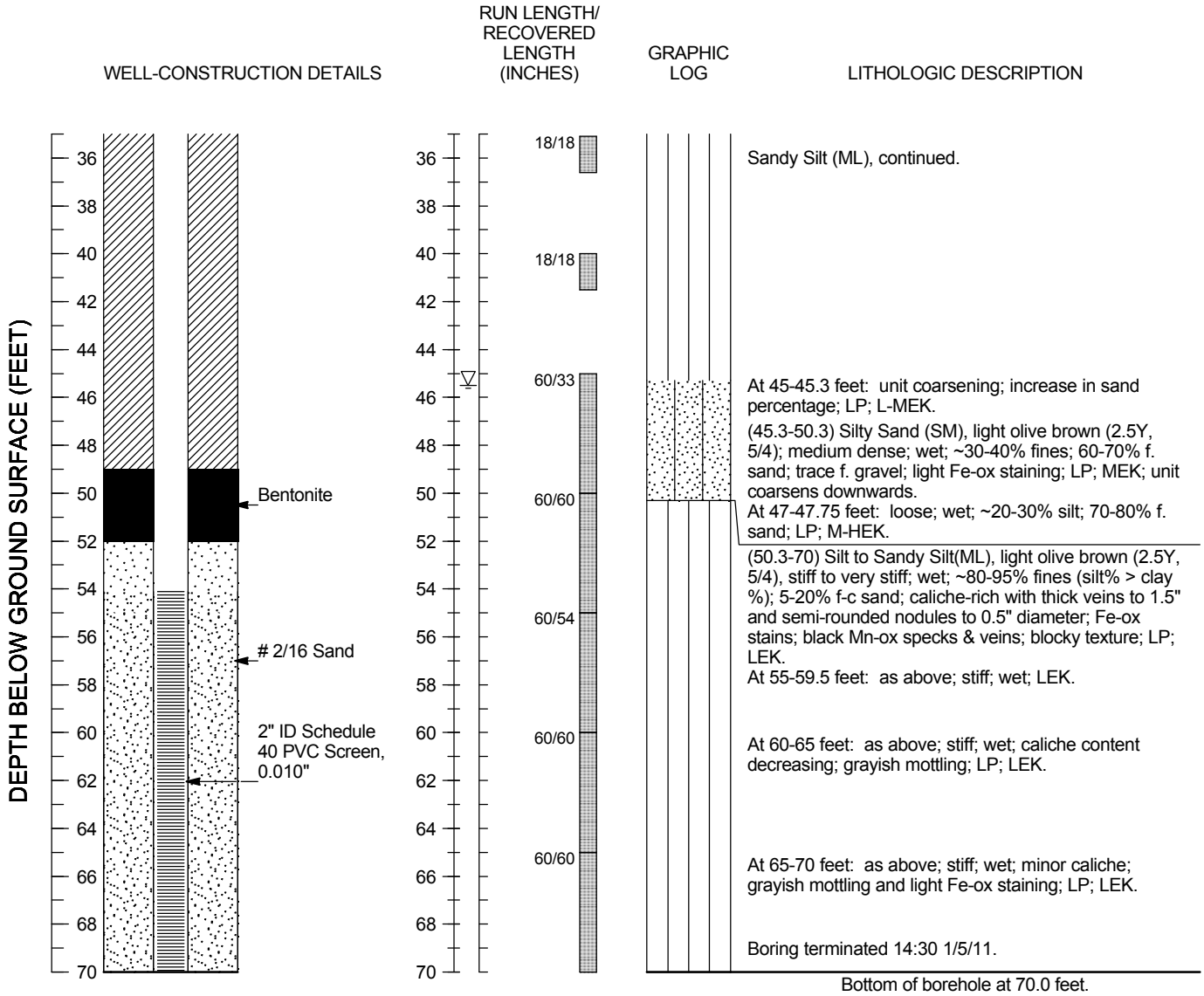
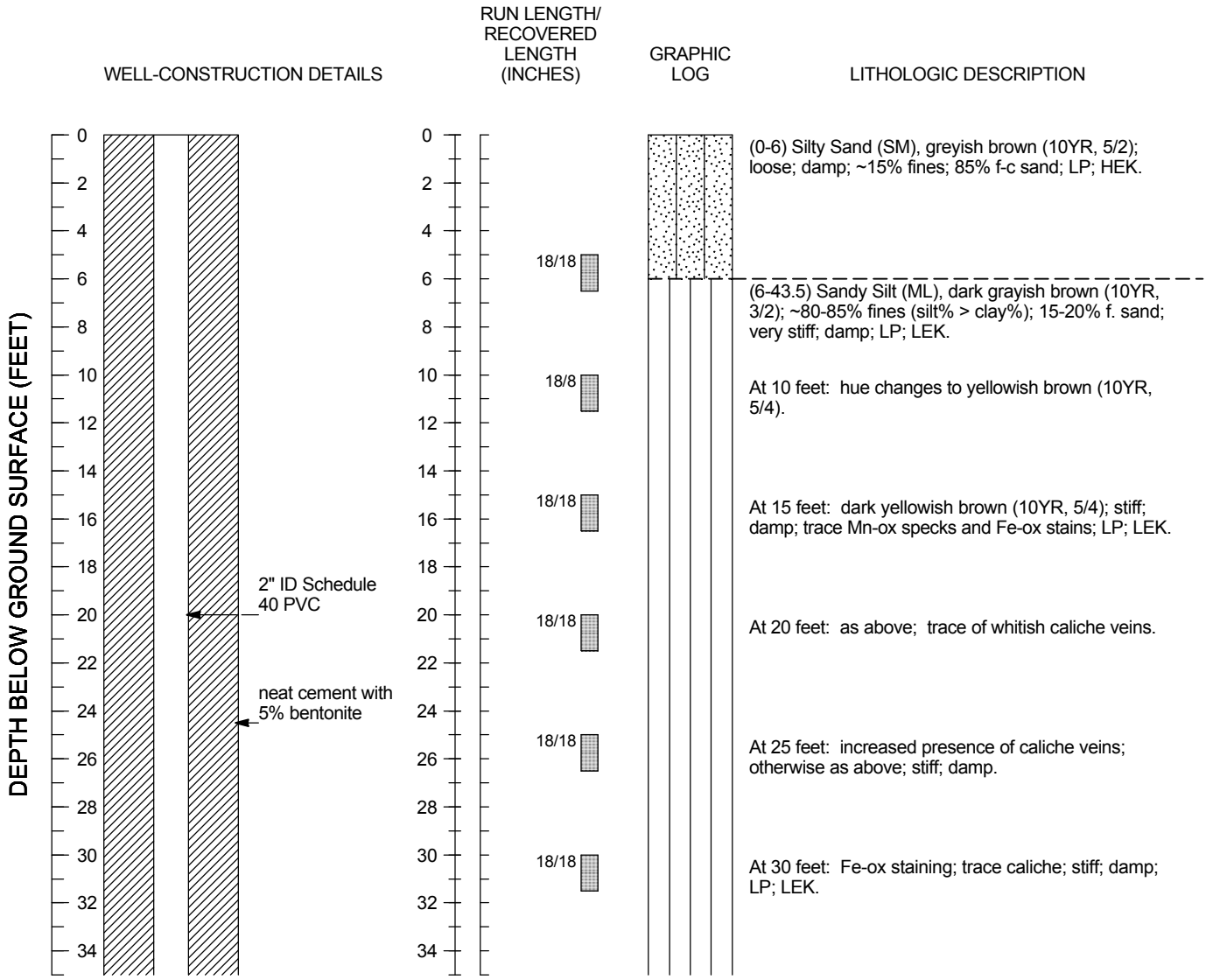


Figure 2. Boring Log and Well-Construction Details for Well UCD1-069, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-070



EXPLANATION

Abbreviations:
Fe-ox = iron oxide
f-m-c = fine-medium-coarse
HEK = high estimated conductivity
LEK = low estimated conductivity
LP = low plasticity
MEK = medium estimated conductity
Mn-ox = mangense oxide

Symbols:
▽ Water level during drilling (first encountered)
▩ Location of core run

Logged by:	RKD
Checked by:	ROD
Drilling contractor:	Gregg Drilling
Drilling contractor license:	C57# 485165
Driller:	Luis Torres
Date begun:	1/4/2011
Date completed:	1/4/2011
Drilling method:	hollow-stem auger
Type of sampler:	1.5"x18", 2"x5 ft core bbls
Ground-surface elevation (ft-MSL):	51
Bore-hole diameter:	8
Well-head completion:	8" square steel stovepipe
Well-casing diameter:	2

Notes:
1. Hand auger used to clear 0-5 feet.
2. Borehole was sampled every 5 feet from 0 to 45 feet with a 1.5" ID by 18" long core barrel sampler.
3. Borehole was cored continuously from 45 to 70 feet with a 5 foot long core barrel sampler.

Figure 3. Boring Log and Well-Construction Details for Well UCD1-070, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-070

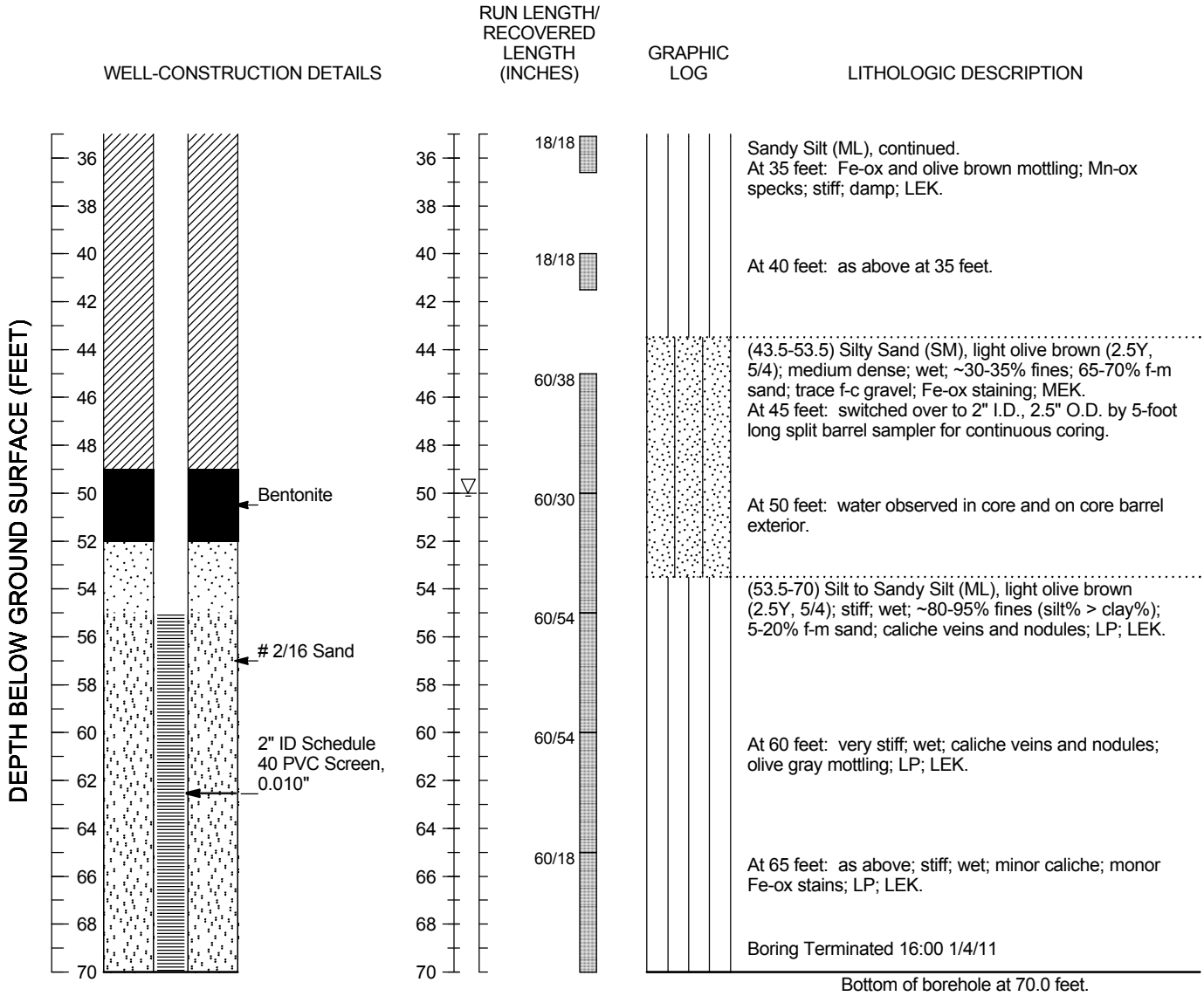
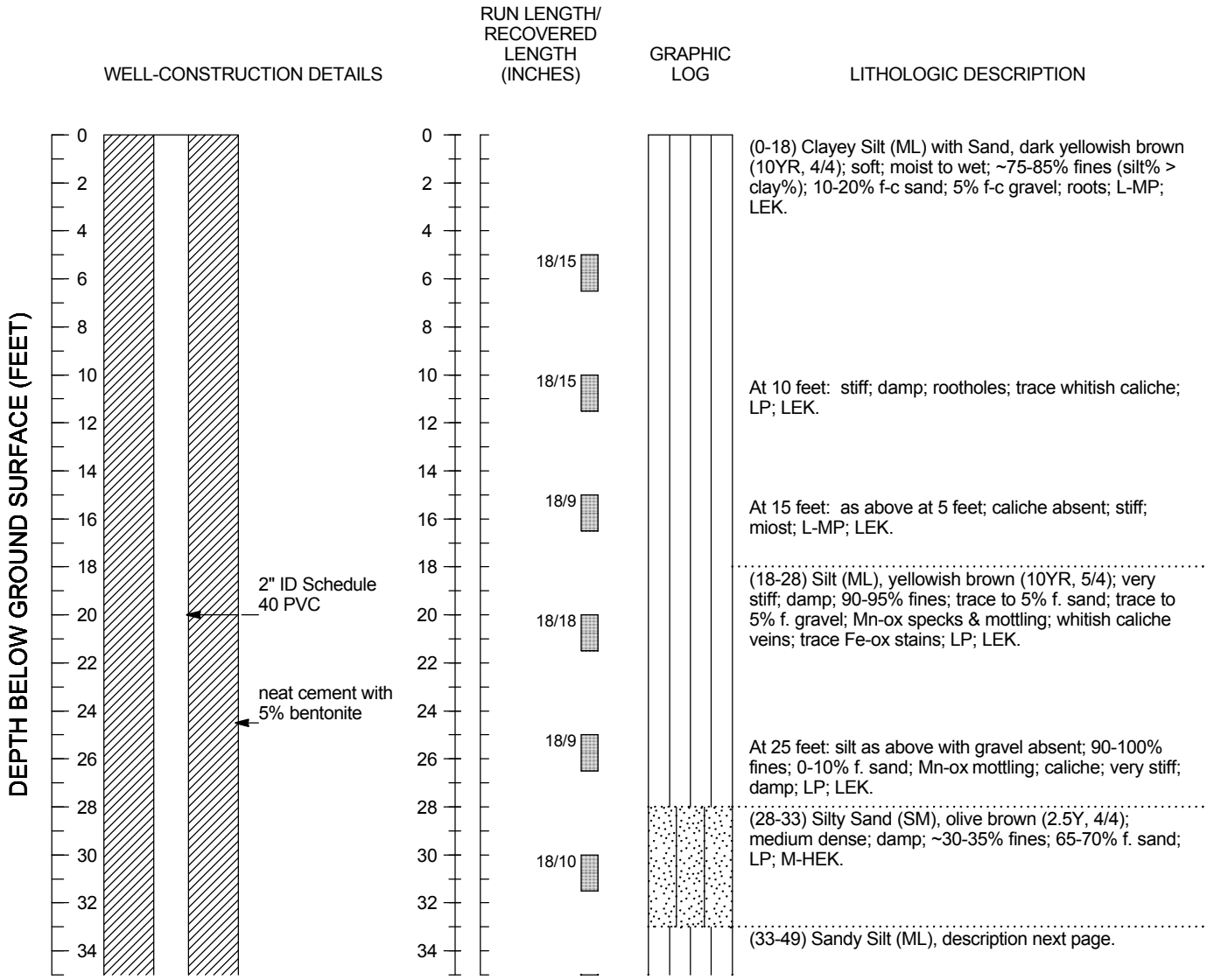


Figure 3. Boring Log and Well-Construction Details for Well UCD1-070, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-071



EXPLANATION

Abbreviations:
Fe-ox = iron oxide
f-m-c = fine-medium-coarse
HEK = high estimated conductivity
LEK = low estimated conductivity
LP = low plasticity
MEK = medium estimated conductity
Mn-ox = mangense oxide
MP = moderate plasticity

Symbols:
▽ Water level during drilling (first encountered)
▨ Location of core run

Logged by:	RKD
Checked by:	ROD
Drilling contractor:	Gregg Drilling
Drilling contractor license:	C57# 485165
Driller:	Luis Torres
Date begun:	1/11/2011
Date completed:	1/11/2011
Drilling method:	hollow-stem auger
Type of sampler:	1.5"x18", 2"x5 ft core bbls
Ground-surface elevation (ft-MSL):	50.5
Bore-hole diameter:	8
Well-head completion:	flush-mount Christie box
Well-casing diameter:	2

Notes:
1. Hand auger used to clear 0-5 feet.
2. Borehole was cored continuously from 45 to 70 feet with both 1.5" ID by 18" long and 2" ID by 24" long samplers.
3. All samplers were advanced using direct push rods therefore no blow counts are available.

Figure 4. Boring Log and Well-Construction Details for Well UCD1-071, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-071

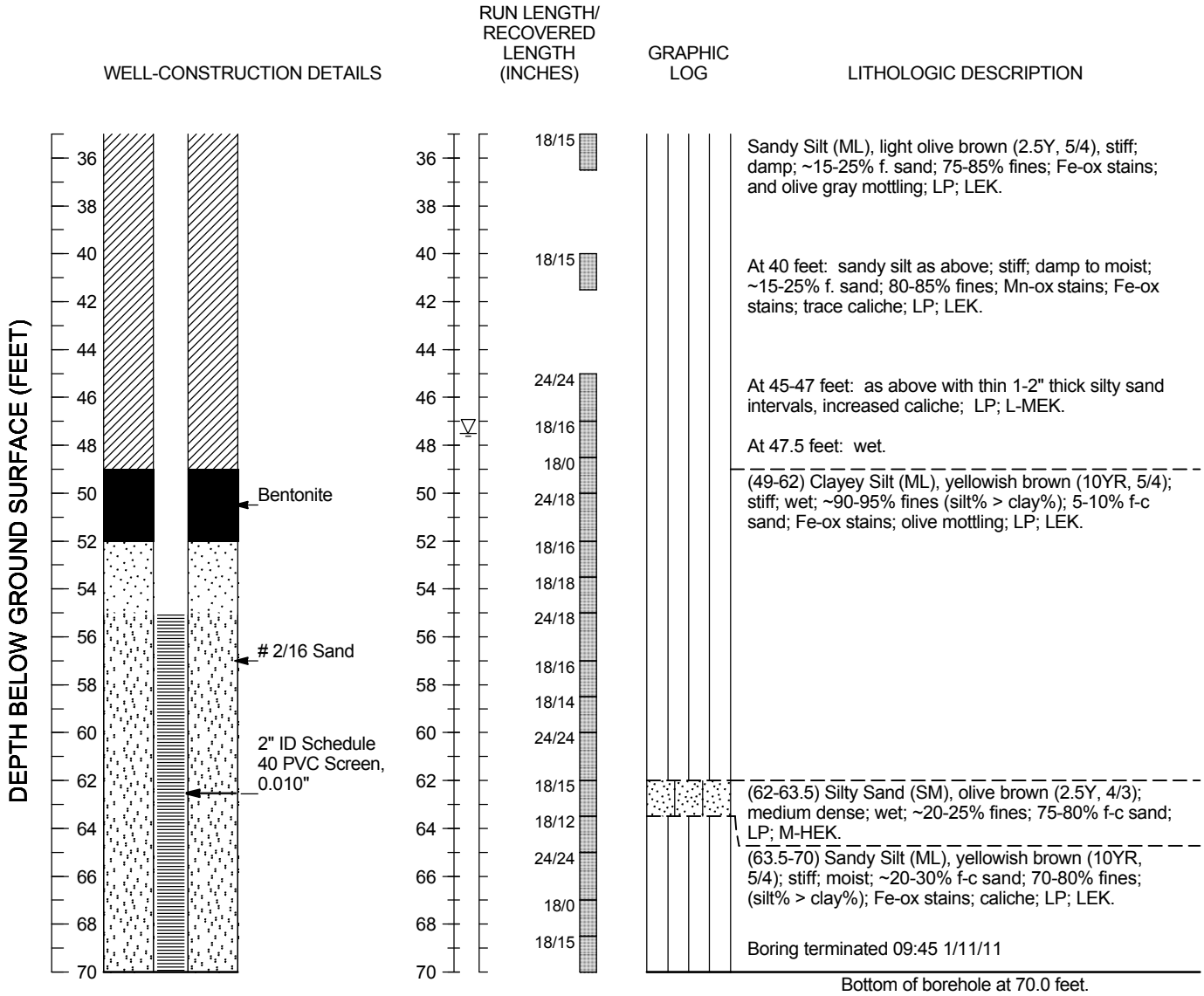
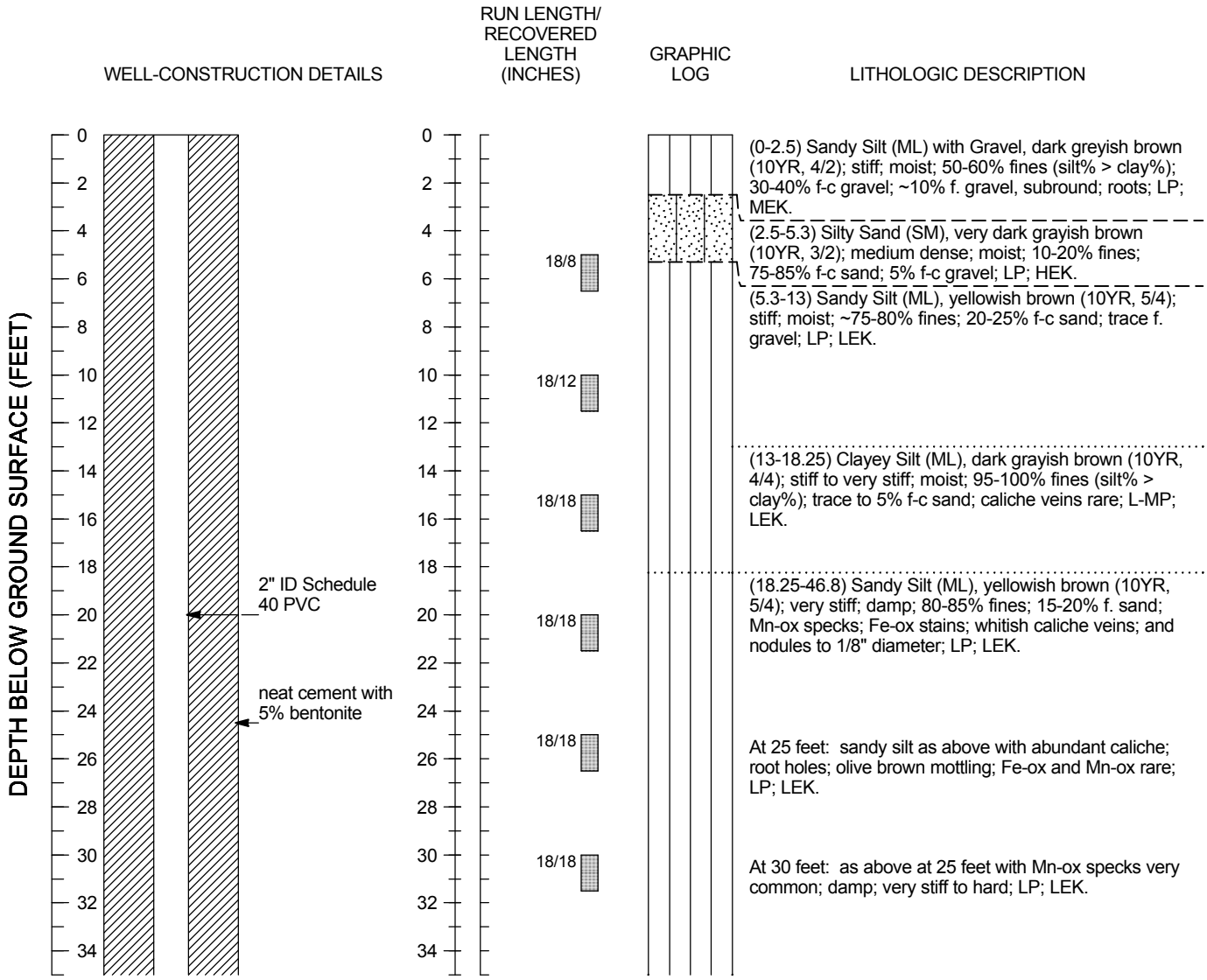


Figure 4. Boring Log and Well-Construction Details for Well UCD1-071, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-072



EXPLANATION

Abbreviations:
Fe-ox = iron oxide
f-m-c = fine-medium-coarse
HEK = high estimated conductivity
LEK = low estimated conductivity
LP = low plasticity
MEK = medium estimated conductity
Mn-ox = mangense oxide

Symbols:
▽ Water level during drilling (first encountered)
▨ Location of core run

Logged by:	RKD
Checked by:	ROD
Drilling contractor:	Gregg Drilling
Drilling contractor license:	C57# 485165
Driller:	Luis Torres
Date begun:	1/7/2011
Date completed:	1/7/2011
Drilling method:	hollow-stem auger
Type of sampler:	1.5"x18", 2"x5 ft core bbls
Ground-surface elevation (ft-MSL):	50.4
Bore-hole diameter:	8
Well-head completion:	flush-mount Christie box
Well-casing diameter:	2

Notes:
1. Hand auger used to clear 0-5 feet.
2. Borehole was sampled every 5 feet from 0 to 45 feet with a 1.5" ID by 18" long core barrel sampler.
3. Borehole was cored continuously from 45 to 70 feet with a 5-foot long core barrel sampler.

Figure 5. Boring Log and Well-Construction Details for Well UCD1-072, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-072

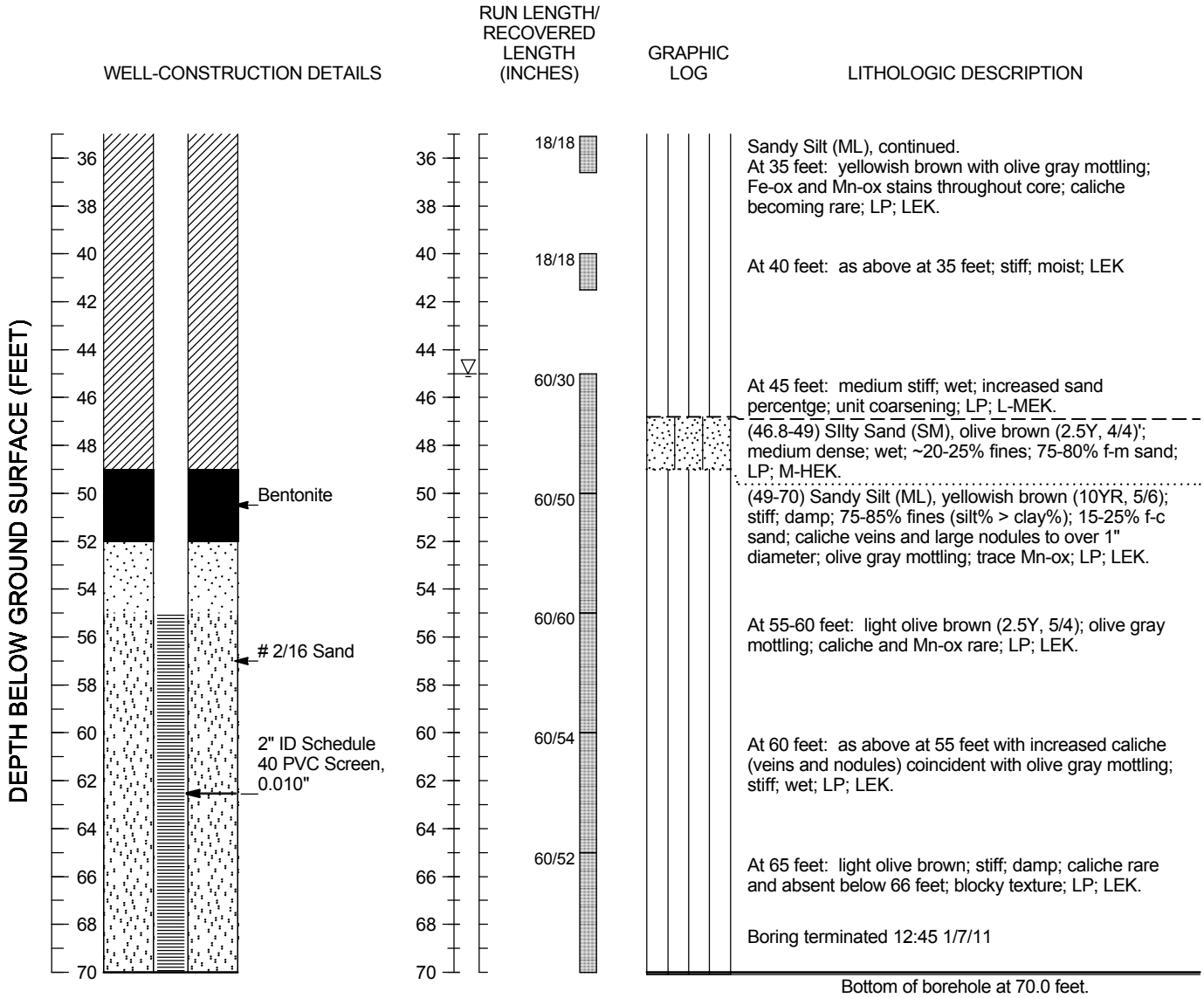
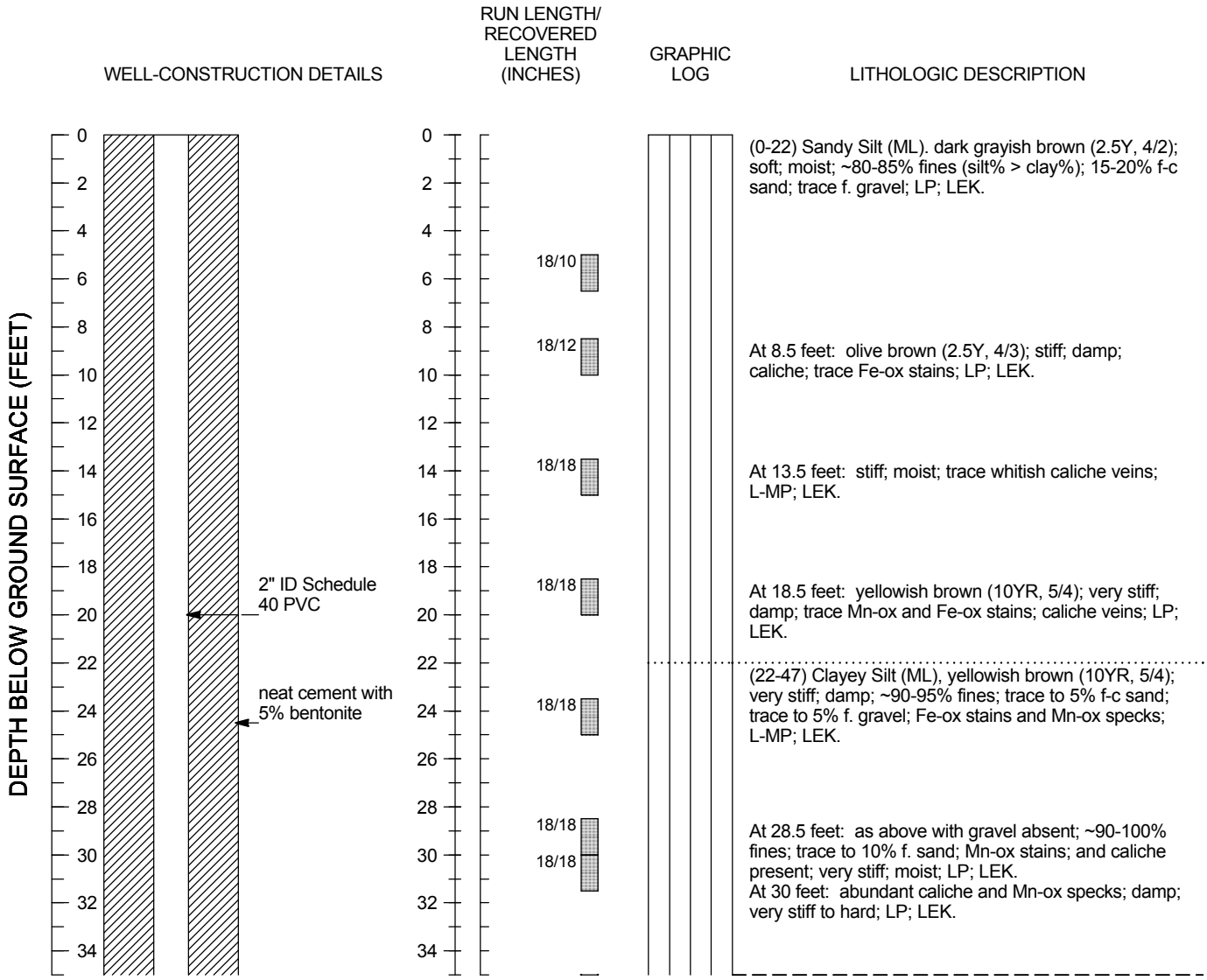


Figure 5. Boring Log and Well-Construction Details for Well UCD1-072, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-073



EXPLANATION

Abbreviations:
Fe-ox = iron oxide
f-m-c = fine-medium-coarse
HEK = high estimated conductivity
LEK = low estimated conductivity
LP = low plasticity
MEK = medium estimated conductity
Mn-ox = mangense oxide
MP = moderate plasticity

Symbols:
▽ Water level during drilling (first encountered)
▩ Location of core run

Logged by:	RKD
Checked by:	ROD
Drilling contractor:	Gregg Drilling
Drilling contractor license:	C57# 485165
Driller:	Luis Torres, Jason Neff
Date begun:	1/10/2011
Date completed:	1/10/2011
Drilling method:	hollow-stem auger
Type of sampler:	1.5"x18", 2"x5 ft core bbls
Ground-surface elevation (ft-MSL):	49.6
Bore-hole diameter:	8
Well-head completion:	8" square steel stovepipe
Well-casing diameter:	2

Notes:
1. Hand auger used to clear 0-5 feet.
2. Borehole was sampled every 5 feet from 0 to 45 feet with a 1.5" ID by 18" long core barrel sampler.
3. Borehole was cored continuously from 45 to 70 feet with a 5 foot long core barrel sampler.

Figure 6. Boring Log and Well-Construction Details for Well UCD1-073, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis, California

WELL UCD1-073

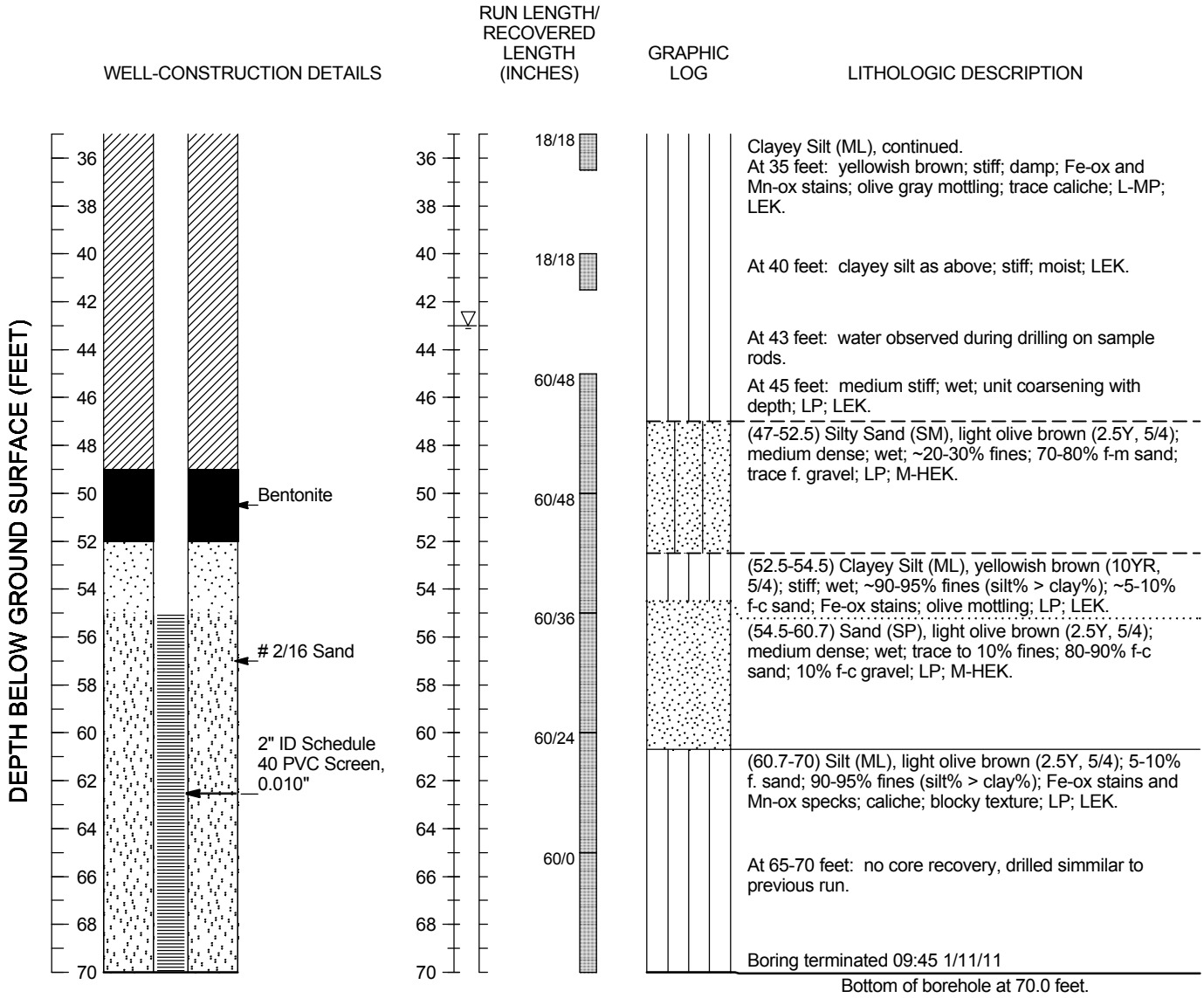


Figure 6. Boring Log and Well-Construction Details for Well UCD1-073, Laboratory for Energy-Related Health Research, UC Davis Center for Health and the Environment, Davis. California

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Appendix C

Recorded Environmental Covenant

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RECORDING REQUESTED BY:
The Regents of the University of California
c/o Real Estate Services Group
1111 Franklin Street, 6th Floor
Oakland, California 94706-5200
Attention: Director of Real Estate

WHEN RECORDED, MAIL TO:

Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, California 95826
Attention: Charlie Ridenour
Performance Manager, Cleanup Program

Recorded in Official Records,
Solano County
Doc#: 201400051822
7/11/2014 3:11 PM

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

No Recording Fee pursuant to Government Code 27383

COVENANT TO RESTRICT USE OF PROPERTY

ENVIRONMENTAL RESTRICTION

(Re: Portions of County of Solano Assessor's Parcel No. 110-05-04 UC Davis Laboratory for Energy-related Health Research / Old Campus Landfill (LEHR/OCL) Superfund Site, Site Code 100424)

This Covenant and Agreement ("Covenant") is made by and between the Regents of the University of California, a California public corporation ("University" or the "Covenantor"), the current owner of property situated at the University of California, Davis, County of Solano, State of California, depicted in the attached Exhibit "A" (the "Property"), and the Department of Toxic Substances Control (the "Department"). Pursuant to Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous materials as defined in Health and Safety Code section 25260 in certain portions of the Property. The Covenantor and Department, collectively referred to as the "Parties," hereby agree, pursuant to Civil Code section 1471 and Health and Safety Code section 25355.5, that the use of the Property be restricted as set forth in this Covenant; and the Parties

further agree that the Covenant shall conform with the requirements of California Code of Regulations, title 22, section 67391.1. The provisions of this Covenant shall be for the benefit of, and shall be enforceable by, the United States Environmental Protection Agency ("U.S. EPA") as a third party beneficiary pursuant to general contract law, including, but not limited to, Civil Code Section 1559.

ARTICLE I
STATEMENT OF FACTS

1.01. The former Laboratory for Energy-related Health Research ("LEHR") (*see* Exhibit "A") comprises approximately 15 acres ("LEHR Site" or "Site") in the southern portion of Solano County's Assessor's Parcel No. 110-05-04 (Exhibit "B"). The Property comprises eight distinct areas described and depicted in Exhibit "C" that cover approximately 2.4 acres and lie within the boundary of the LEHR Site (see Exhibit "A"). These eight areas are known as the: 1) Radium/Strontium Treatment System Areas (including Domestic Septic System 2 Area); 2) Domestic Septic System 3 Area; 3) Domestic Septic System 4 Area; 4) Dry Wells A-E Area; 5) Eastern Dog Pens Area; 6) Southwest Trenches Area; 7) Eastern Remediation Support Area; and 8) Western Remediation Support Area. These eight areas correspond to areas 1, 2, 3, 4, 5, 6, 7 and 8 within Exhibit C, respectively, and may be referred to in this Covenant by name or exhibit.

1.02. The LEHR Site was operated by the Atomic Energy Commission (now United States Department of Energy ["DOE"]) as LEHR (referred to as the Radiobiology Laboratory prior to 1979) under a series of Occupancy Agreements with the Regents of the University of California initiated in 1958. The LEHR Site was placed on the National Priorities List by the Environmental Protection Agency on May 31, 1994, 59 Federal Register 27,989. Due to releases of hazardous materials during DOE's occupancy at the Site, DOE and U.S. EPA entered into a Federal Facility Agreement ("FFA") on October 29, 1999, with the Regional Water Quality Control Board and the California Department of Public Health (formerly the California Department of Health Services)

joining as signatories in 1999 and the Department joining in 2000. The intent of the FFA was to ensure that environmental impacts associated with past activities at the LEHR Site are thoroughly investigated, and appropriate response actions taken as necessary to protect human health, welfare, or the environment. Pursuant to the FFA, DOE selected cleanup remedies in the 2009 Record of Decision ("ROD") under the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"). The remedies selected in the ROD require that the Property be subject to land use controls to restrict certain uses, in the form of this Covenant.

1.03. The ROD details the selected remedies for the Property. The Property is restricted because of soil and groundwater contamination, discussed in detail below. For certain areas of the Property, contingent remediation may be necessary if groundwater monitoring indicates that groundwater impacts have occurred pursuant to conditions stated in the ROD. Additionally, a land-use restriction is being imposed at the area described in Exhibit C-6 and depicted on Sheet 2 in Exhibit C. In addition, two areas have been designated for use as staging areas if contingent remediation (*see* section 1.05) is required. These areas are the Eastern Remediation Support Area and Western Remediation Support Area (*see* Exhibits "C-10" and "C-11").

1.04. DOE and the Covenantor ("MOA Parties") entered into a Memorandum of Agreement for environmental restoration and decontamination on March 13, 1990 amended February 17, 1993, November 30, 1993, and again on June 18, 1997, and superseded on July 8, 2009 (referred to collectively as the "MOA"). This MOA outlines the roles and responsibilities of the MOA Parties regarding the investigation and remediation of the LEHR Site. The MOA Parties agree that the required investigation, remediation, long-term surveillance and maintenance, and contingent remediation ("IR & LTSMCR") activities at the Property shall be conducted by DOE.

1.05. Restrictions on soil disturbance apply to six of eight areas of the Property, as identified in Exhibit C-2, Exhibit C-4, Exhibit C-5, Exhibit C-7, Exhibit C-8, and Exhibit C-9. Disturbance of soil is only allowed in compliance with the Soil Management Plan

("SMP") included as an appendix to the Remedial Design/Remedial Action Work Plan dated November 2010, which documents the requirements and methods for implementing remedies selected in the ROD.

The ROD requires groundwater monitoring and this Covenant prohibits interference with the groundwater monitoring wells required for the implementation of the remedies. Groundwater monitoring will be conducted in five of the eight areas of the Property, as identified in Exhibit C-1, Exhibit C-3, Exhibit C-5, Exhibit C-7, and Exhibit C-9 to confirm groundwater protection. If groundwater monitoring indicates that groundwater impacts as defined in the ROD have occurred due to constituents of concern ("COCs") remaining in soil, DOE will evaluate remedial options and determine whether contingent remediation may be required, in accordance with the ROD.

1.06. Land use restrictions listed in section 4.01 are required for the area described in Exhibit C-6 and depicted on Sheet 2 of Exhibit C due to polycyclic aromatic hydrocarbons in the soil, described in more detail below.

1.07. Human Health Risk Assessment. As detailed in the ROD, the Property contains hazardous substances in soil that are defined in Health and Safety Code section 25316 as hazardous substances. Specific COCs that pose a human health risk, and the maximum concentrations detected, are as follows: the Southwest Trenches Area contains strontium-90 (16 picocuries/g); the Eastern Dog Pens Area contains strontium-90 (8.3 picocuries/g) and dieldrin (0.22 mg/kg); and the Domestic Septic System 4 contains benzo(a)anthracene (3.8 mg/kg), benzo(a)pyrene (2.4 mg/kg), benzo(b)fluoranthene (2.7 mg/kg), benzo(k)fluoranthene (1.5 mg/kg), dibenzo (a,h)anthracene (1.1 mg/kg), and indeno(1,2,3-cd)pyrene (1.5 mg/kg).

The human health risk assessment performed by DOE shows COCs present in soil at the Southwest Trenches and Eastern Dog Pen areas are: 1) statistically above background; and 2) present an excess cancer risk above one in one million. The residual contaminants in these areas do not pose a human health risk unless soil containing these contaminants is disturbed, in which case an unacceptable risk to human health or safety or the environment could result. Thus the SMP is required to

prevent such potential risk.

The human health risk assessment performed by DOE shows COCs present in soil at the Domestic Septic System 4 are: 1) statistically above background; and 2) present an excess cancer risk above one in one million and 3) soil exposure and plant ingestion pose a human health risk. Therefore the ROD requires this Covenant restrict the uses as described in section 4.01 and requires compliance with the SMP to prevent an unacceptable risk to human health or safety or the environment.

1.08. Groundwater Protection. As further detailed in the ROD, the Property contains additional hazardous substances in soil that are defined in Health and Safety Code section 25316 as hazardous substances. These residual contaminants present in soil on the Property are a potential risk to groundwater quality.

Specific COCs in soil that are in excess of remediation goals for protection of groundwater are listed in Table 2-8 of the ROD, and are present in the areas of the Property described in Exhibit C-1, Exhibit C-3, Exhibit C-5, Exhibit C-7, and Exhibit C-9 and depicted on survey maps in Exhibit C. These areas contain a variety of COCs that require groundwater monitoring to demonstrate COCs are not migrating to groundwater, and that groundwater protection is maintained in conformance with the groundwater quality goals. Additional COCs listed in Table 2-9 of the ROD are present in the soil in concentrations that do not presently pose a risk to human health or groundwater quality, but may impair groundwater quality in the future. Groundwater monitoring will continue until it can be shown that the COCs in soil no longer pose a threat to water quality.

The human health risk assessment performed by DOE shows that ingestion of groundwater is not the primary risk to human health. However, to protect the groundwater quality, monitoring is required with possible contingent remediation, per the ROD. Based on the human health risk assessment the Department concludes that the Property, as remediated and subject to the restrictions of this Covenant, does not present an unacceptable threat to human health or safety or the environment.

ARTICLE II
DEFINITIONS

2.01. Department. "Department" means the California Department of Toxic Substances Control and includes its successor agencies, if any.

2.02. U.S. EPA. "U.S. EPA" means the United States Environmental Protection Agency and includes its successor agencies, if any.

2.03. Environmental Restrictions. "Environmental Restrictions" means all protective provisions, covenants, restrictions, prohibitions, and terms and conditions as set forth in any section of this Covenant.

2.04. Improvements. "Improvements" includes, but is not limited to: buildings, structures, roads, driveways, improved parking areas, wells, pipelines, or other utilities.

2.05. Lease. "Lease" means lease, rental agreement, or any other document in which the lessor grants to a lessee a right to use or occupy any portion of the Property.

2.06. Occupant. "Occupant" means Owners and any person or entity entitled by ownership, leasehold, or other legal relationship to the right to occupy any portion of the Property.

2.07. Owner. "Owner" means the Covenantor, and all successors in interest including heirs and assigns, who at any time hold title to all or any portion of the Property.

ARTICLE III
GENERAL PROVISIONS

3.01. Runs with the Land. This Covenant sets forth Environmental Restrictions that apply to and encumber the Property and every portion thereof no matter how it is improved, held, used, occupied, leased, sold, hypothecated, encumbered, or conveyed. This Covenant: (a) runs with the land pursuant to Health and Safety Code section 25355.5 and Civil Code section 1471; (b) inures to the benefit of and passes with each and every portion of the Property, (c) is for the benefit of, and is enforceable by the Department, and (d) is imposed upon the entire Property unless expressly stated as applicable only to a specific portion thereof.

3.02. Binding upon Owners/Occupants. Pursuant to the Health and Safety Code, this Covenant binds all owners of the Property, their heirs, successors, and assignees, and the agents, employees, and lessees of the owners, heirs, successors, and assignees. Pursuant to Civil Code section 1471, all successive owners of the Property are expressly bound hereby for the benefit of the Department.

3.03. Incorporation into Deeds and Leases. This Covenant shall be incorporated by reference in each and every deed and lease for any portion of the Property.

3.04. Conveyance of Property. The Owner shall provide written notice to the Department not later than thirty (30) days after any conveyance of any ownership interest in the Property (excluding leases, and mortgages, liens, and other non-possessory encumbrances). The written notice shall include the name and mailing address of the new owner of the Property and shall reference the site name (UC Davis Laboratory for Energy-related Health Research / Old Campus Landfill ("LEHR/OCL") Superfund Site) and site code (100424) as listed on page one of this Covenant. The notice shall also include the Assessor's Parcel Number (APN) (No. 110-05-04) noted on page one. If the new owner's property has been assigned a different APN, each such

APN that covers the Property must be provided. The Department shall not, by reason of this Covenant, have authority to approve, disapprove, or otherwise affect proposed conveyance, except as otherwise provided by law or by administrative order.

3.05. Costs of Administering the Covenant to be paid by Owner. The Department will incur costs associated with the administration of this Covenant. These costs must be paid by the Owner pursuant to California Code of Regulations, title 22, section 67391.1(h). One purpose of the MOA includes delineation of the responsibilities of DOE to cover costs incurred by the Owner associated with implementing and maintaining this Covenant. These costs are currently paid pursuant to the terms of the MOA. If, however, payments are not made pursuant to the MOA, the Owner will be responsible for the Department's costs under this section.

ARTICLE IV
RESTRICTIONS AND REQUIREMENTS

4.01. Prohibited Uses. The area described in Exhibit C-6 and depicted on sheet 2 in Exhibit C shall not be used for any of the following purposes:

(a) A residence, including any mobile home or factory built housing, constructed or installed for use as residential human habitation.

(b) Growing any plants for human consumption.

(c) A day care center for children.

4.02. Soil Management. The following soil management conditions apply to the six areas of the Property described and depicted in Exhibit C-2, Exhibit C-4, Exhibit C-5, and Exhibits C-7 through C-9:

(a) No activities that will disturb soil at or below grade (e.g., excavation, grading, removal, trenching, filling, earth movement, mining, or drilling) shall be allowed in these areas unless abiding by the SMP approved by the U.S. EPA and the Department.

(b) Any contaminated soils brought to the surface by grading, excavation, trenching or backfilling shall be managed in accordance with all applicable provisions of state and federal law.

4.03. Non-Interference with Groundwater Monitoring Wells.

(a) All uses shall preserve the physical accessibility to and integrity of the groundwater monitoring system.

(b) The groundwater monitoring system shall not be altered without prior written approval by the Department.

4.04. Access for Department and the U.S. EPA. The Department shall have reasonable right of entry and access to the Property for inspection, monitoring, and other activities consistent with the purposes of this Covenant as deemed necessary by the Department in order to protect the public health or safety, or the environment. Nothing in this instrument shall limit or otherwise affect U.S. EPA's right of entry and access or U.S. EPA's authority to take response actions under CERCLA; the National Contingency Plan, 40 Code of Federal Regulations Part 300 (1997) and its successor provisions; or federal law. Nothing in this instrument shall limit or otherwise effect the Department's right of entry and access, or authority to take response actions, under CERCLA; the National Contingency Plan, 40 Code of Federal Regulations Part 300 (1997) and its successor provisions; Chapter 6.8, Division 20 of the California Health and Safety Code; California Civil Code, or other applicable state law.

4.05 Access for Implementing Operation and Maintenance. The parties responsible for implementing the operation and maintenance activities shall have reasonable right of entry and access to the Property for the purpose of implementing the operation and maintenance activities until the Department determines that no further operation and maintenance is required.

4.06. Inspection and Reporting Requirements. The Owner shall conduct an

annual inspection of the Property verifying compliance with this Covenant. The annual inspection shall include a verification of permits obtained for any soil-disturbing activities, a review of soil-disturbing activities for compliance with the SMP, a review of disposal practices for waste generated during soil-disturbing activities, and suggested changes to the SMP. The Owner shall submit an annual inspection report to the Department for its approval by January 15th of each year. A copy of the annual inspection report shall also be submitted simultaneously to U.S. EPA. The annual inspection report must include the dates, times, and names of those who conducted the inspection and reviewed the annual inspection report. It also shall describe how the observations were performed that were the basis for the statements and conclusions in the annual inspection report (e.g., drive by, fly over, walk in, etc.). It shall contain the annual inspection results, review of compliance with the requirements of the SMP and certification of compliance with this Covenant, and discussion of any soil-disturbing activities and wastes generated. If violations are noted, the annual inspection report must detail the steps taken to return to compliance. If the Owner identifies any violations of this Covenant during the annual inspections or at any other time, the Owner must within ten (10) days of identifying the violation: determine the identity of the party in violation, send a letter advising the party of the violation of the Covenant, and demand that the violation ceases immediately. Additionally, copies of any correspondence related to the violation of this Covenant shall be sent to the Department and U.S. EPA within ten (10) days of its original transmission.

ARTICLE V
ENFORCEMENT

5.01. Enforcement. Failure of the Owner or Occupant to comply with this Covenant shall be grounds for the Department to require modification or removal of any Improvements constructed or placed upon any portion of the Property in violation of this Covenant. Violation of this Covenant, including but not limited to, failure to submit, or the submission of any false statement, record or report to the Department, shall be grounds for the Department to pursue administrative, civil, or criminal actions, as

provided by law.

5.02. Enforcement Rights of U.S. EPA as a Third Party Beneficiary. U.S. EPA, as a third party beneficiary, has the right to enforce the Environmental Restrictions contained herein.

ARTICLE VI
VARIANCE, REMOVAL, AND TERM

6.01. Variance. Any person may apply to the Department for a written variance from the provisions of this Covenant. Such application shall be made in accordance with Health and Safety Code section 25223 and a copy of the application shall be submitted to U.S. EPA simultaneously with the application submitted to the Department. No variance may be granted under this paragraph without prior notice to and an opportunity to comment by U.S. EPA.

6.02 Removal. Any person may apply to the Department to remove any or all restrictions imposed by this Covenant. Such application shall be made in accordance with Health and Safety Code section 25224 and a copy of the application shall be submitted to U.S. EPA simultaneously with the application submitted to the Department. No modifications may be granted under this paragraph without prior notice to and an opportunity to comment by U.S. EPA.

6.03 Term. Unless ended in accordance with paragraph 6.02, by law, or by the Department in the exercise of its discretion, after providing notice to and an opportunity to comment by U.S. EPA, this Covenant shall continue in effect in perpetuity.

ARTICLE VII
MISCELLANEOUS

7.01. No Dedication Intended. Nothing set forth in this Covenant shall be

construed to be a gift or dedication, or offer of a gift or dedication, of the Property, or any portion thereof to the general public or anyone else for any purpose whatsoever. Further, nothing set forth in this Covenant shall be construed to affect a taking under State or Federal law.

7.02. Recordation. The Covenantor shall record this Covenant, with all referenced Exhibits, in the County of Solano within ten (10) days of the Covenantor's receipt of a fully executed original.

7.03. Notices. Whenever any person gives or serves any Notice ("Notice" as used herein includes any demand or other communication with respect to this Covenant), each such Notice shall be in writing and shall be deemed effective: when delivered, if personally delivered to the person being served or to an officer of a corporate party being served, or three (3) business days after deposit in the mail, if mailed by United States mail, postage paid, certified, return receipt requested:

primary:	Environmental Manager Environmental Health and Safety University of California, Davis, One Shields Avenue Davis, California, 95616
with copies to:	The Regents of the University of California c/o Real Estate Services Group 1111 Franklin Street, 6th, Floor Oakland, California 94530 Attention: Director of Real Estate
and:	Real Estate Services University of California, Davis 255 Cousteau Place

Davis, California 95618
Attn: Executive Director

and to Department: Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, California 95826
Attention: Performance Manager, Cleanup Program

and to U.S.EPA: U.S. Environmental Protection Agency
Superfund Program
Region IX
75 Hawthorne Street
San Francisco, CA 94105-3901
Attn: LEHR Remedial Project Manager

Any party may change its address or the individual to whose attention a Notice is to be sent by giving written Notice in compliance with this paragraph.

7.04. Partial Invalidity. If this Covenant or any of its terms are determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions of this Covenant shall remain in full force and effect as if such portion found invalid had not been included herein.

7.05. Statutory References. All statutory or regulatory references include successor provisions.

7.06. Incorporation of Exhibits. All attachments and exhibits to this Covenant are incorporated herein by reference.

IN WITNESS WHEREOF, the Parties execute this Covenant.

Covenantor: The Regents of the University of California, a California public corporation

By: _____

Title: Anne L. Shaw, Interim Secretary and Chief of Staff to The Regents of the University of California

Date: 7/8/14

APPROVED AS TO FORM

Date: 7/1/14 _____
Kelly L. Drumm

Department of Toxic Substances Control:

By: _____

Title: Charlie Ridenour, Branch Chief, Cleanup Program, Sacramento Office

Date: 3/3/2014

See loose California All-Purpose Acknowledgement

State of California

County of Alameda

On July 8, 2014 before me,

Drue McCarthy, Notary Public

(space above this line is for name and title of the officer/notary),

personally appeared Anne L. Shaw, who proved to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(~~ies~~), and that by ~~his~~/her/~~their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

DRUE MCCARTHY
COMM # 1966988
ALAMEDA COUNTY
NOTARY PUBLIC-CALIFORNIA
MY COMMISSION EXPIRES
JAN. 21, 2016

Drue McCarthy (seal)

Signature of Notary Public

California All-Purpose Acknowledgement

State of California

County of Sacramento

On March 3, 2014 before me,

Theresa M. Vigil, Notary Public

(space above this line is for name and title of the officer/notary),

personally appeared Charlie Ridenour, who proved to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

THERESA M. VIGIL
Commission # 1962796
Notary Public - California
Sacramento County
My Comm. Expires Dec 5, 2015

(seal)

Signature of Notary Public

THERESA M. VIGIL
Commission # 1962796
Notary Public - California
Sacramento County
My Comm. Expires Dec 5, 2015

EXHIBIT A

Map of Property Subject to Environmental Restrictions

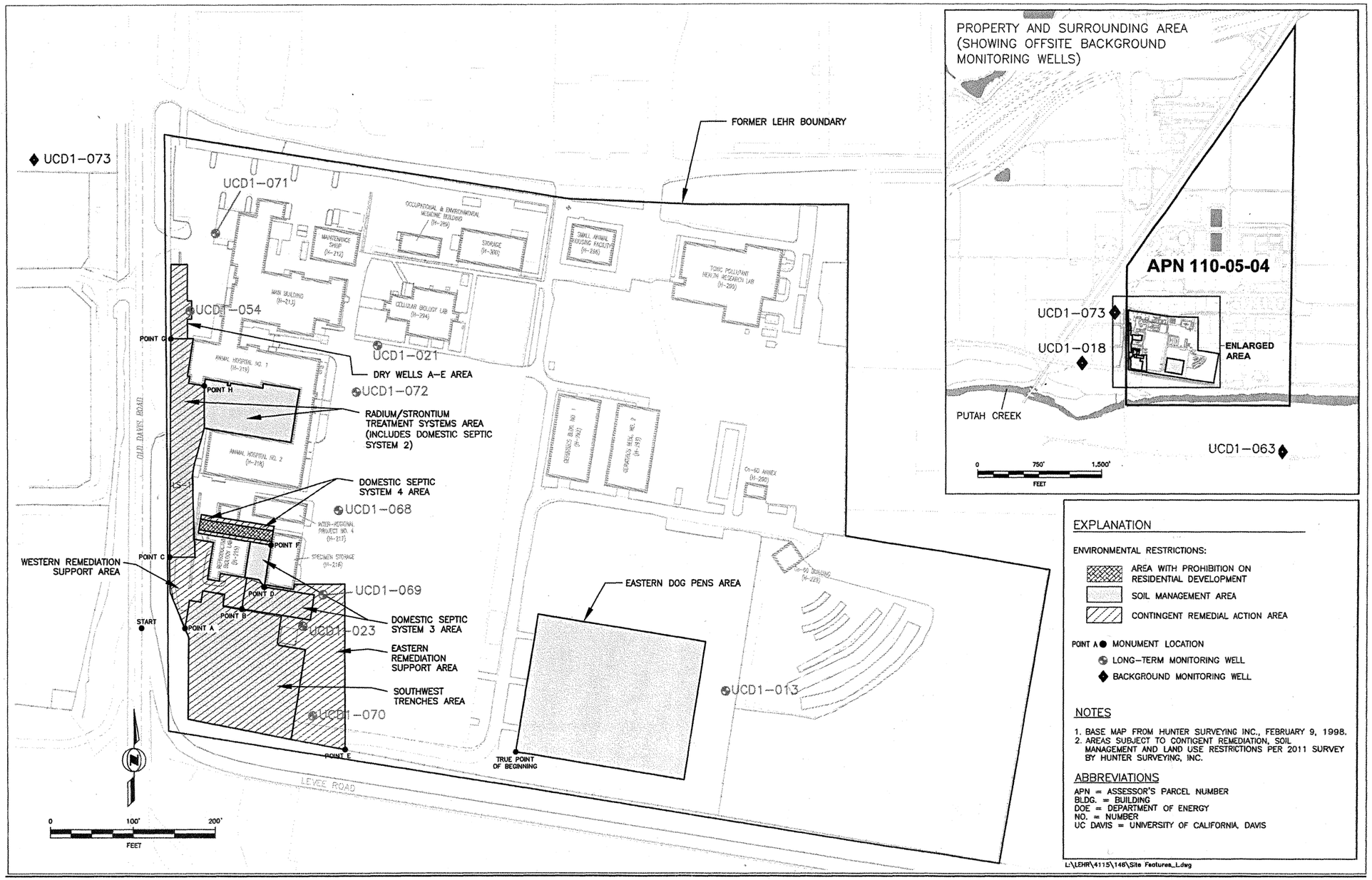

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Exhibit B

Description of Assessor's Parcel, Portions of which are Subject to Environmental Restrictions

All that certain real property situated in Solano County, California described as follows:

Solano County Assessor's Parcel Number 110-05-04 more particularly described in Quitclaim Deed recorded May 18, 1999, as Document No 1999-00042875 Official Records of said county, that includes Exhibit A comprising *Description - Hamel to UCD* and *Quitclaim Line Exhibit* prepared by Frame Surveying & Mapping,

and

shown on the attached map of parcel 110-05-04.

EXHIBIT B.1

Map of Parcel Number 110-050-04

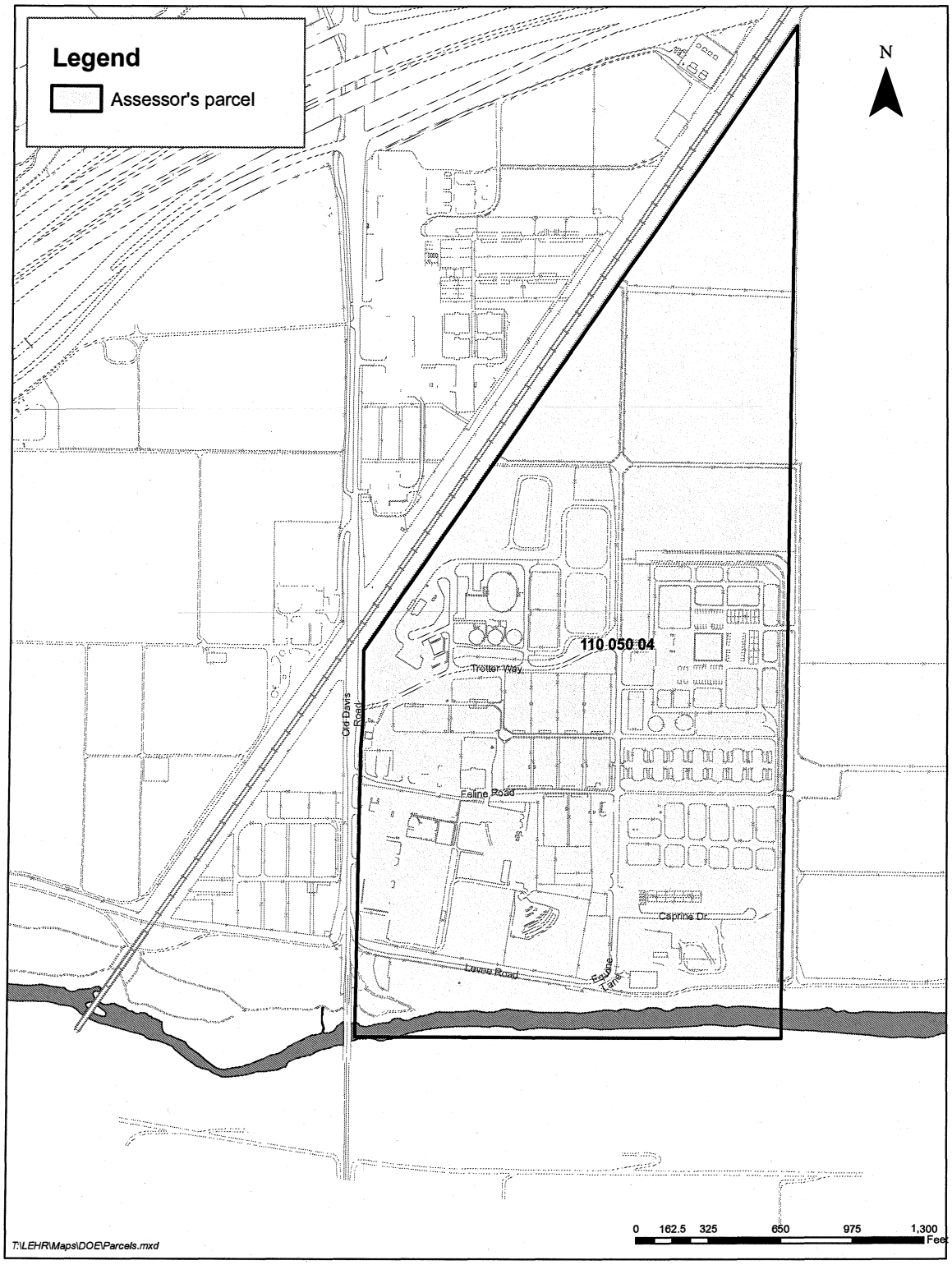


EXHIBIT C

Legal Descriptions of Areas Subject to Specific Environmental Restrictions

1. Radium / Strontium Treatment Systems Area

Exhibit C-1 Radium / Strontium Treatment Systems Area Subject to Contingent Remediation

Exhibit C-2 Radium / Strontium Treatment Systems Area Subject to Soil Management Plan

Survey Map Sheet 3 of 4

2. Domestic Septic System 3 Area

Exhibit C-3 Domestic Septic System 3 Area Subject to Contingent Remediation

Exhibit C-4 Domestic Septic System 3 Area Subject to Soil Management Plan

Survey Map Sheets 1 of 4 and 2 of 4

3. Domestic Septic System 4 Area

Exhibit C-5 Domestic Septic System 4 Area Subject to Contingent Remediation and Soil Management Plan

Exhibit C-6 Domestic Septic System 4 Area Subject to Restrictions on Land Use

Survey Map Sheets 1 of 4 and 2 of 4

4. Dry Wells A-E Area

Exhibit C-7 Dry Wells A-E Area Subject to Contingent Remediation and Soil Management Plan

Survey Map Sheet 3 of 4

5. Eastern Dog Pens Area

Exhibit C-8 Eastern Dog Pens Area Subject to Soil Management Plan

Survey Map Sheet 4 of 4

6. Southwest Trenches Area

Exhibit C-9 Southwest Trenches Area Subject to Contingent Remediation and Soil Management Plan

Survey Map Sheet 1 of 4

7. Eastern Remediation Support Area

Exhibit C-10 Eastern Remediation Support Area

Survey Map Sheet 1 of 4

8. Western Remediation Support Are

Exhibit C-11 Western Remediation Support Area

Survey Map Sheet 1 of 4

SURVEY MAPS

Site Map of Areas Subject to Specific Environmental Restrictions (pages 1 through 4)

COVENANT DESCRIPTION – EXHIBIT C-1

RADIUM / STRONTIUM TREATMENT SYSTEMS AREA
SUBJECT TO CONTINGENT REMEDIATION

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B. & M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

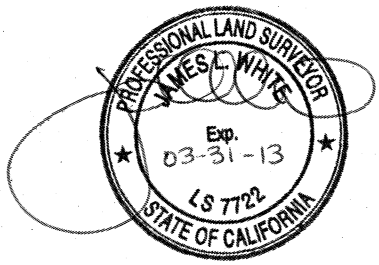
Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor", from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***, thence N 22°43'48" W 46.75 feet; thence N 04°18'15" W 8.57 feet; thence N 00°10'20" W 34.24 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point C***, and the **True Point of Beginning**;

thence N 00°25'23" E 263.54 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point G***; thence East 20.30 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence continuing East 7.01 feet to the northwest corner of Building H-219; thence along the westerly and southerly lines of Building H-219 the following four courses: S 09°11'25" W 45.72 feet, S 80°48'35" E 2.99 feet, S 09°11'25" W 8.40 feet, and S 80°48'35" E 19.33 feet to a point, called ***Point H***; thence leaving Building H-219 South 50.67 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 16°02'47" W 45.75 feet; thence S 09°20'34" W 14.76 feet; thence S 01°59'38" E 97.40 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence West 31.00 feet to the true point of beginning.

Containing 8244.44 square feet (0.189 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.



COVENANT DESCRIPTION – EXHIBIT C-2

RADIUM / STRONTIUM TREATMENT SYSTEMS AREA
SUBJECT TO SOIL MANAGEMENT PLAN

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B.&M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

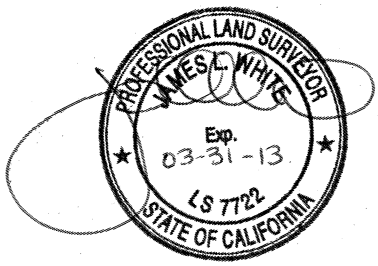
Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor", from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***, thence N 22°43'48" W 46.75 feet; thence N 04°18'15" W 8.57 feet; thence N 00°10'20" W 34.24 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point C***, and the **True Point of Beginning**;

thence N 00°25'23" E 263.54 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point G***; thence East 20.30 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence continuing East 7.01 feet to the northwest corner of Building H-219; thence along the westerly and southerly lines of Building H-219 the following four courses: S 09°11'25" W 45.72 feet, S 80°48'35" E 2.99 feet, S 09°11'25" W 8.40 feet, and S 80°48'35" E 19.33 feet to a point, called ***Point H***; thence continuing along the southerly line of Building H-219 the following eight courses: N 09°11'25" E 8.40 feet, S 80°48'35" E 28.34 feet, S 09°11'25" W 3.34 feet, S 80°48'35" E 3.58 feet, N 09°11'25" E 3.34 feet, S 80°48'35" E 39.23 feet, N 09°11'25" E 5.54 feet, and S 80°48'35" E 44.41 feet; thence S 09°11'25" W along the west line of the building transition of Building H-219 to H-218 a distance of 64.27 feet; thence along the north line of Building H-218 N 80°48'35" W 99.92 feet to the northwest corner of Building H-218; thence leaving said Building H-218 N 78°25'56" W 7.54 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", from which hereinabove described Point H bears North 50.67 feet; thence S 16°02'47" W 45.75 feet; thence S 09°20'34" W 14.76 feet; thence S 01°59'38" E 97.40 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence West 31.00 feet to the true point of beginning.

Containing 15058.50 square feet (0.346 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.



COVENANT DESCRIPTION – EXHIBIT C-3

DOMESTIC SEPTIC SYSTEM 3 AREA
SUBJECT TO CONTINGENT REMEDIATION

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B. & M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor," from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***; thence N 71°27'11" E 73.26 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point B***, and the **True Point of Beginning**;

thence N 09°11'25" E 37.90 feet; thence S 80°48'35" E 15.49 feet; thence S 35°48'35" E 10.47 feet to a point, called ***Point D***, from which hereinabove described Point B bears S 46°04'44" W 38.13 feet; thence S 80°48'35" E 61.76 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 09°11'25" W 30.50 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence N 80°48'35" W 35.00 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence N 80°48'35" W 49.65 feet to the true point of beginning.

Containing 2723.84 square feet (0.063 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.

COVENANT DESCRIPTION – EXHIBIT C-4

DOMESTIC SEPTIC SYSTEM 3 AREA
SUBJECT TO SOIL MANAGEMENT PLAN

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B. & M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor," from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***; thence N 71°27'11" E 73.26 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point B***, and the **True Point of Beginning**;

thence N 09°11'25" E 37.90 feet; thence N 80°48'35" W 2.55 feet to the southerly terminus of the east line of Building H-215; thence along said east line of Building H-215 N 09°11'25" E 43.91 feet; thence leaving said east line S 80°48'35" E 25.44 feet to a point in the west line of Building H-216, called **Point F**; thence along said west line of Building H-216 S 09°11'25" W 48.55 feet to the southwest corner of Building H-216; thence leaving said building and continuing S 09°11'25" W 2.77 feet to a point, called ***Point D***, from which hereinabove described Point B bears S 46°04'44" W 38.13 feet; thence S 80°48'35" E 61.76 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 09°11'25" W 30.50 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence N 80°48'35" W 35.00 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence continuing N 80°48'35" W 49.65 feet to the true point of beginning.

Containing 3868.27 square feet (0.089 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.

PROFESSIONAL LAND SURVEYOR
JAMES L. WHITE
Exp. 03-31-13
LS 7722
STATE OF CALIFORNIA

COVENANT DESCRIPTION – EXHIBIT C-5

DOMESTIC SEPTIC SYSTEM 4 AREA

SUBJECT TO CONTINGENT REMEDIATION AND SOIL MANAGEMENT PLAN

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B. & M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

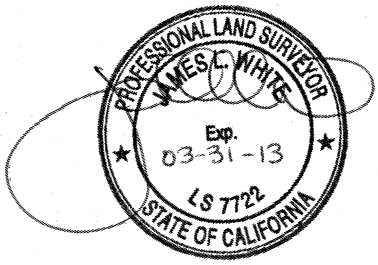
Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor," from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***; thence N 71°27'11" E 73.26 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point B***; thence N 46°04'44" E 38.13 feet to a point called ***Point D***; thence N 09°11'25" E 2.77 feet to the southwest corner of Building H-216; thence along the west line of said building N 09°11'25" E 48.55 feet to a point, called ***Point F***, and the **True Point of Beginning**;

thence leaving said west building line N 80°48'35" W 25.44 feet to a point in the east line of Building H-215; thence continuing N 80°48'35" W through Building H-215 a distance of 53.37 feet to a point on the west line of Building H-215; thence continuing N 80°48'35" W 11.19 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence N 09°11'25" E 22.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 80°48'35" E 19.77 feet to a point on the west line of Building H-215; thence continuing S 80°48'35" E through Building H-215 a distance of 44.79 feet to the most east corner of said Building H-215; thence continuing S 80°48'35" E 25.44 feet; thence along the west line of Building H-216 and its northerly projection S 09°11'25" W 22.85 feet to the true point of beginning.

Containing 2056.50 square feet (0.047 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.



COVENANT DESCRIPTION – EXHIBIT C-6

DOMESTIC SEPTIC SYSTEM 4 AREA
SUBJECT TO RESTRICTION ON LAND USE

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B. & M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

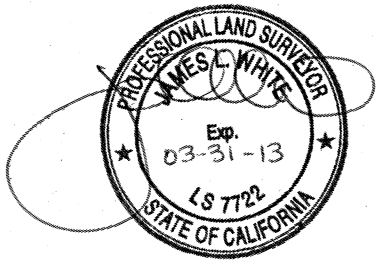
Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor," from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***; thence N 71°27'11" E 73.26 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point B***; thence N 46°04'44" E 38.13 feet to a point, called ***Point D***; thence N 09°11'25" E 2.77 feet to the southwest corner of Building H-216; thence along the west line of said building N 09°11'25" E 48.55 feet to a point, called ***Point F***; thence continuing along said west building line N 09°11'25" E 4.29 feet to the **True Point of Beginning**;

thence leaving said west building line N 80°48'35" W 25.44 feet to a point in the east line of Building H-215; thence continuing N 80°48'35" W through Building H-215 a distance of 53.37 feet to a point on the west line of Building H-215; thence continuing N 80°48'35" W 11.19 feet to a point, from which a 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE" bears S 09°11'25" W 4.29 feet; thence N 09°11'25" E 13.00 feet to a point, from which a 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE" bears N 09°11'25" E 5.56 feet; thence S 80°48'35" E 19.77 feet to a point on the west line of Building H-215; thence continuing S 80°48'35" E through Building H-215 a distance of 44.79 feet to a point on the east line of said Building H-215; thence continuing S 80°48'35" E 25.44 feet; thence along the west line of Building H-216 and its northerly projection S 09°11'25" W 13.00 feet to the true point of beginning.

Containing 1170.00 square feet (0.027 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.



COVENANT DESCRIPTION – EXHIBIT C-7

DRY WELLS A-E AREA

SUBJECT TO CONTINGENT REMEDIATION AND SOIL MANAGEMENT PLAN

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B. & M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

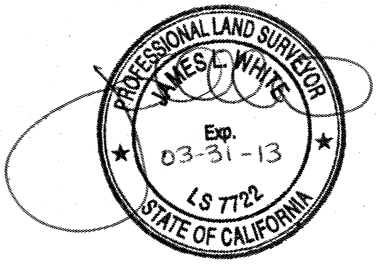
Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor", from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***, thence N 22°43'48" W 46.75 feet; thence N 04°18'15" W 8.57 feet; thence N 00°10'20" W 34.24 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point C***; thence N 00°25'23" E 263.54 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point G***, and the **True Point of Beginning**;

thence East 20.30 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence North 23.47 feet; thence East 5.20 feet; thence North 22.00 feet; thence West 5.20 feet; thence North 44.00 feet; thence West 20.00 feet; thence S 00°11'32" W 89.47 feet to the true point of beginning.

Containing 1917.19 square feet (0.044 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.



COVENANT DESCRIPTION – EXHIBIT C-8

EASTERN DOG PENS AREA
SUBJECT TO SOIL MANAGEMENT PLAN

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B. & M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor," from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***; thence S 53°01'21" E 243.86 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point E***; thence S 89°07'50" E 207.70 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE" and the **True Point of Beginning**;

thence N 09°15'00" E 168.30 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 80°45'00" E 207.80 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 09°15'00" W 168.30 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence N 80°45'00" W 207.80 feet to the true point of beginning.

Containing 34972.74 square feet (0.803 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.

PROFESSIONAL LAND SURVEYOR
JAMES L. WHITE
Exp. 03-31-13
LS 7722
STATE OF CALIFORNIA

COVENANT DESCRIPTION – EXHIBIT C-9

SOUTHWEST TRENCHES AREA

SUBJECT TO CONTINGENT REMEDIATION AND SOIL MANAGEMENT PLAN

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B. & M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor," from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***, and the **True Point of Beginning**;

thence N 09°11'25" E 34.10 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 80°48'35" E 14.25 feet; thence N 09°11'25" E 14.00 feet; thence S 80°48'35" E 27.50 feet; thence S 09°11'25" W 14.00 feet; thence S 80°48'35" E 23.09 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point B***, from which hereinabove described *Point A* bears S 71°27'11" W 73.26 feet; thence S 80°48'35" E 49.65 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S09°11'25" W 33.70 feet; thence S 35°48'35" E 3.54 feet; thence S 80°48'35" E 32.50 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 09°11'25" W 109.80 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence N 78°55'32" W 128.40 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence N 00°27'10" E 98.48 feet; thence N 21°45'41" W 12.06 feet to the true point of beginning.

Containing 19222.27 square feet (0.441 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.

COVENANT DESCRIPTION – EXHIBIT C-10

EASTERN REMEDIATION SUPPORT AREA

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B. & M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

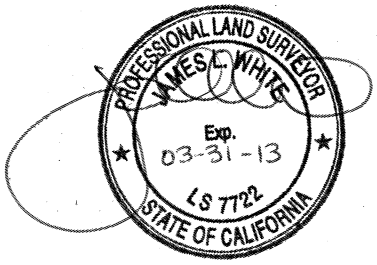
Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor," from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***; thence N 71°27'11" E 73.26 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point B***; thence N 46°04'44" E 38.13 feet to a point, called ***Point D***, and the **True Point of Beginning**;

thence S 80°48'35" E 61.76 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 09°11'25" W 30.50 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence N 80°48'35" W 35.00 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 09°11'25" W 33.70 feet; thence S 35°48'35" E 3.54 feet; thence S 80°48'35" E 32.50 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 09°11'25" W 109.80 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 79°15'54" E 66.27 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point E***, from which hereinabove described Point A bears N 53°01'21" W 243.86 feet; thence North 199.46 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence West 60.80 feet to a point in east line of Building H-216; thence along said building S 09°11'25" W 6.14 feet to the southeast corner of said building; thence along the south line of said building N 80°48'35" W 36.14 to the southwest corner of said building; thence leaving said building line S 09°11'25" W 2.77 feet to the true point of beginning.

Containing 11398.47 square feet (0.262 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.



COVENANT DESCRIPTION – EXHIBIT C-11

WESTERN REMEDIATION SUPPORT AREA

All that portion of Lot 37 Rancho Los Putos and projected Section 21, T.8N., R.2E., M.D.B. & M., County of Solano, State of California, being a portion of that certain real property described in Quitclaim Deed recorded May 18, 1999, as Document No. 1999-00042875 Official Records of said county, described as follows:

Commencing at a point in the centerline of Old Davis Road (County Road No. 79) marked by a found aluminum cap monument stamped "Solano County Surveyor", from which a found 1 1/2" brass cap in monument well, accepted as marking the intersection of Becker Road (County Road Nos. 86 and 106) and said Old Davis Road (County Road No. 79), bears S 00°22'36" W 8421.14 feet (cited in said Quitclaim Deed as S 00°23'11" W);

thence along said centerline S 00°22'36" W 2693.84 feet; thence at right angles from said centerline S 89°37'24" E 52.85 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point A***, and the **True Point of Beginning**;

thence N 09°11'25" E 34.10 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence S 80°48'35" E 14.25 feet; thence N 09°11'25" E 14.00 feet; thence S 80°48'35" E 27.50 feet; thence S 09°11'25" W 14.00 feet; thence S 80°48'35" E 23.09 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point B***, from which hereinabove described *Point A* bears S 71°27'11" W 73.26 feet; thence N 09°11'25" E 37.90 feet; thence N 80°48'35" W 2.55 feet to the southerly terminus of the east line of Building H-215; thence along said Building H-215 the following four courses: N 80°48'35" W 30.01 feet, S 09°11'25" W 9.34 feet, N 80°48'35" W 14.69 feet and N 09°11'25" E 45.30 feet; thence leaving said Building H-215, N 80°45'35" W 23.47 feet; thence S 01°59'38" E 21.62 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE"; thence West 31.00 feet to a set 5/8" rebar with 2" brass cap, stamped "CERCLA Land Use Control – US DOE", called ***Point C***; thence S 00°10'20" E 34.24 feet; thence S 04°18'15" E 8.57 feet; thence S 22°43'48" E 46.75 feet to the true point of beginning.

Containing 4433.49 square feet (0.102 acres), more or less.

The foregoing description is based on the bearing between found UC Davis Control Monuments 620 to 666 as being S 81°32'47" E.

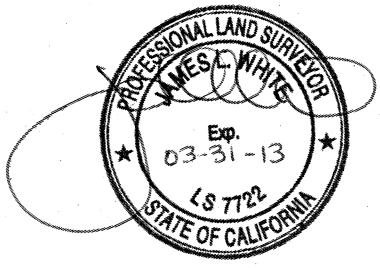


EXHIBIT C

Survey Maps of Areas Subject to Specific Environmental Restrictions

Survey Map Sheet 1 of 4

- Domestic Septic System 3 Area Subject to Contingent Remediation (Exhibit C-3)*
- Domestic Septic System 3 Area Subject to Soil Management Plan (Exhibit C-4)
- Southwest Trenches Area Subject to Contingent Remediation and Soil Management Plan (Exhibit C-9)
- Eastern Remediation Support Area (Exhibit C-10)
- Western Remediation Support Area (Exhibit C-11)

Survey Map Sheet 2 of 4

- Radium/Strontium Treatment Systems Area Subject to Contingent Remediation (Exhibit C-1)
- Domestic Septic System 3 Area Subject to Contingent Remediation (Exhibit C-3)
- Domestic Septic System 3 Area Subject to Soil Management Plan (Exhibit C-4)
- Domestic Septic System 4 Area Subject to Contingent Remediation and Soil Management Plan (Exhibit C-5)
- Domestic Septic System 4 Area Subject to Restrictions on Land Use (Exhibit C-6)
- Western Remediation Support Area (Exhibit C-11)

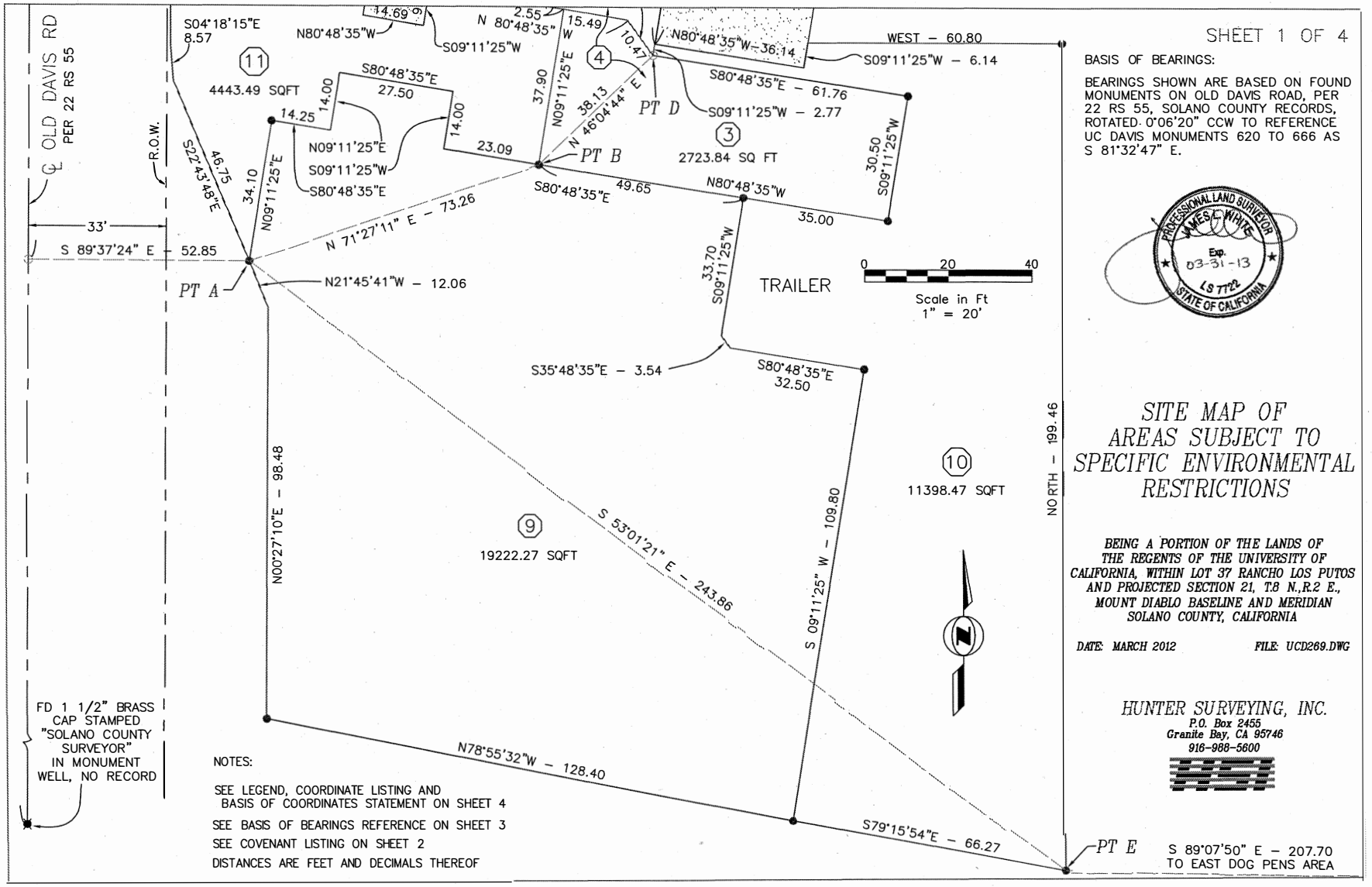
Survey Map Sheet 3 of 4

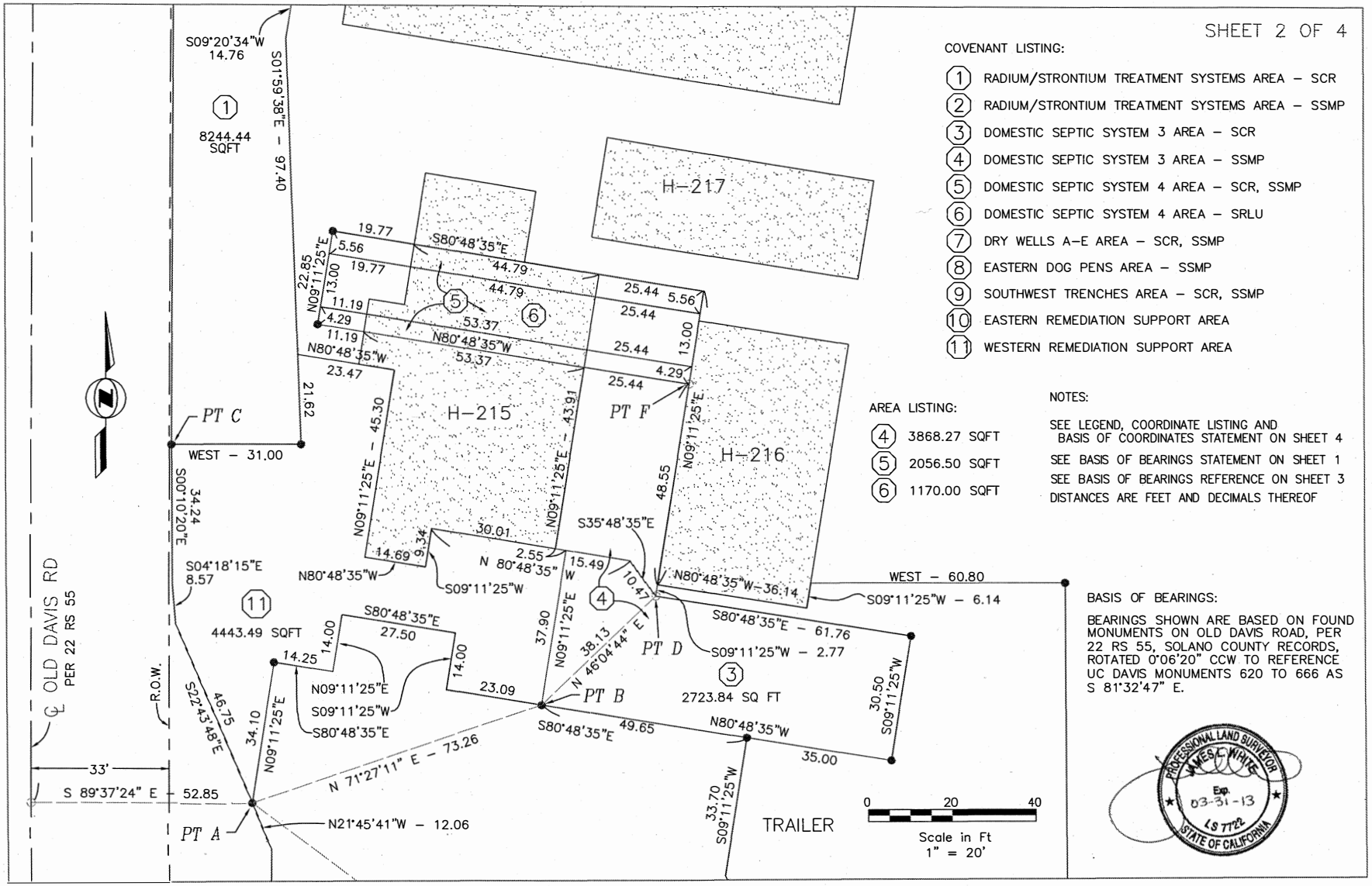
- Radium / Strontium Treatment Systems Area Subject to Contingent Remediation (Exhibit C-1)
- Radium / Strontium Treatment Systems Area Subject to Soil Management Plan (Exhibit C-2)
- Dry Wells A-E Area Subject to Contingent Remediation and Soil Management Plan (Exhibit C-7)

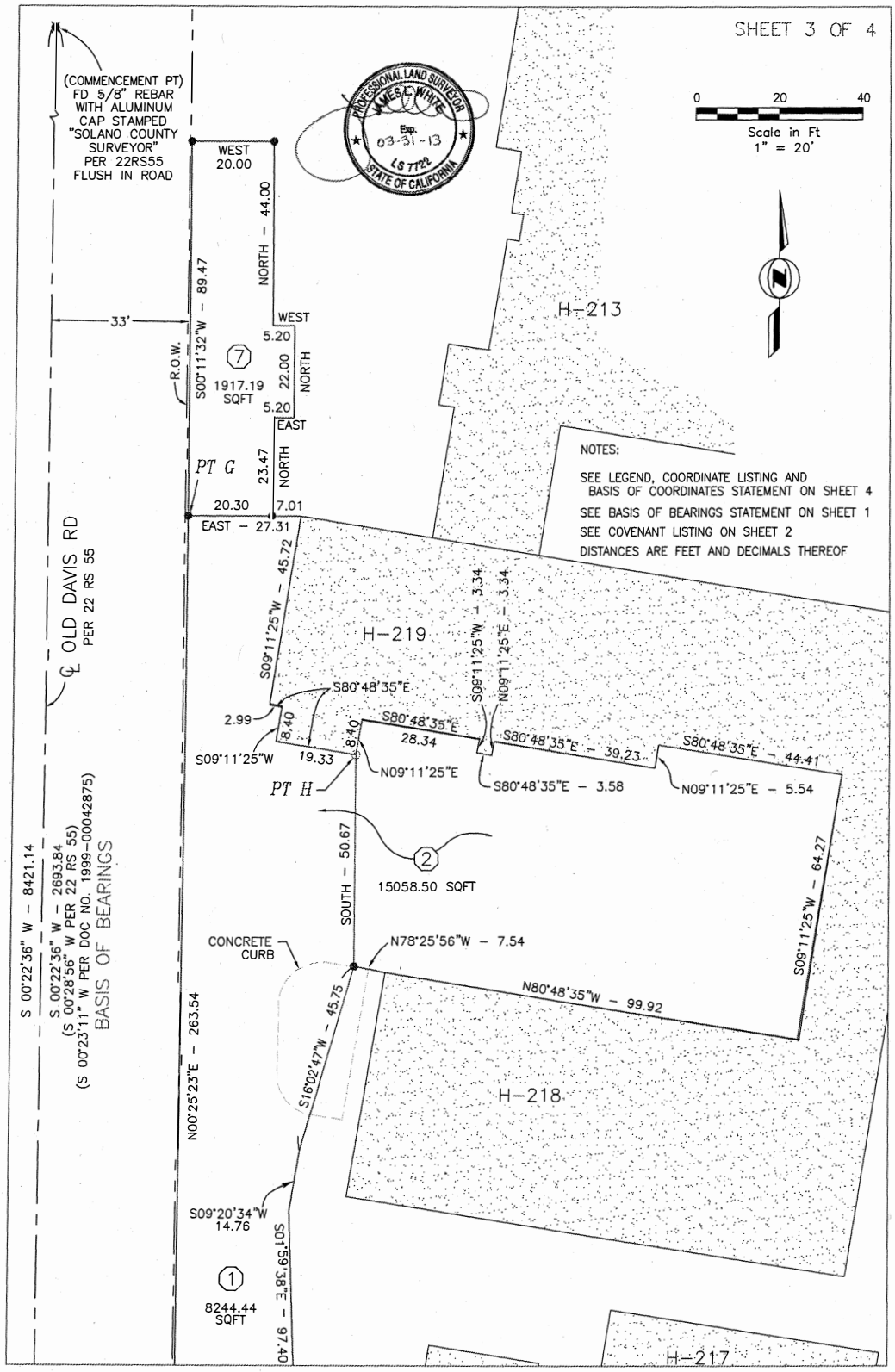
Survey Map Sheet 4 of 4

- Eastern Dog Pens Area Subject to Soil Management Plan (Exhibit C-8)

* Exhibit C-n corresponds to the legal descriptions.


SHEET 1 OF 4
BASIS OF BEARINGS:
BEARINGS SHOWN ARE BASED ON FOUND MONUMENTS ON OLD DAVIS ROAD, PER 22 RS 55, SOLANO COUNTY RECORDS, ROTATED 0°06'20" CCW TO REFERENCE UC DAVIS MONUMENTS 620 TO 666 AS S 81°32'47" E.
SITE MAP OF AREAS SUBJECT TO SPECIFIC ENVIRONMENTAL RESTRICTIONS
BEING A PORTION OF THE LANDS OF THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, WITHIN LOT 37 RANCHO LOS PUTOS AND PROJECTED SECTION 21, T.8 N.,R.2 E., MOUNT DIABLO BASELINE AND MERIDIAN SOLANO COUNTY, CALIFORNIA
DATE: MARCH 2012
FILE: UCD269.DWG
HUNTER SURVEYING, INC.
P.O. Box 2455
Granite Bay, CA 95746
916-988-5600
PROFESSIONAL LAND SURVEYOR
JAMES C. WHITE
Exp. 03-31-13
LS 7722
STATE OF CALIFORNIA
Scale in Ft
1" = 20'
0
20
40
℄ OLD DAVIS RD
PER 22 RS 55
R.O.W.
33'
S 89°37'24" E - 52.85
S04°18'15"E
8.57
11
4443.49 SQFT
N80°48'35"W
14.69
S09°11'25"W
S80°48'35"E
27.50
14.00
14.25
N09°11'25"E
S09°11'25"W
S80°48'35"E
14.00
23.09
S22°43'48"E
46.75
34.10
N09°11'25"E
N 71°27'11" E - 73.26
PT A
N21°45'41"W - 12.06
N 80°48'35" W
2.55
15.49
37.90
N09°11'25"E
4
10.47
38.13
N 46°04'44" E
PT B
PT D
N80°48'35"W - 36.14
WEST - 60.80
S09°11'25"W - 6.14
S80°48'35"E - 61.76
S09°11'25"W - 2.77
3
2723.84 SQ FT
30.50
S09°11'25"W
S80°48'35"E
49.65
N80°48'35"W
35.00
33.70
S09°11'25"W
TRAILER
S35°48'35"E - 3.54
S80°48'35"E
32.50
10
11398.47 SQFT
NORTH - 199.46
9
19222.27 SQFT
N00°27'10"E - 98.48
S 53°01'21" E - 243.86
S 09°11'25" W - 109.80
N78°55'32"W - 128.40
S79°15'54"E - 66.27
PT E
S 89°07'50" E - 207.70
TO EAST DOG PENS AREA
FD 1 1/2" BRASS CAP STAMPED "SOLANO COUNTY SURVEYOR" IN MONUMENT WELL, NO RECORD
NOTES:
SEE LEGEND, COORDINATE LISTING AND BASIS OF COORDINATES STATEMENT ON SHEET 4
SEE BASIS OF BEARINGS REFERENCE ON SHEET 3
SEE COVENANT LISTING ON SHEET 2
DISTANCES ARE FEET AND DECIMALS THEREOF


SHEET 2 OF 4
COVENANT LISTING:
1 RADIUM/STRONTIUM TREATMENT SYSTEMS AREA – SCR
2 RADIUM/STRONTIUM TREATMENT SYSTEMS AREA – SSMP
3 DOMESTIC SEPTIC SYSTEM 3 AREA – SCR
4 DOMESTIC SEPTIC SYSTEM 3 AREA – SSMP
5 DOMESTIC SEPTIC SYSTEM 4 AREA – SCR, SSMP
6 DOMESTIC SEPTIC SYSTEM 4 AREA – SRLU
7 DRY WELLS A–E AREA – SCR, SSMP
8 EASTERN DOG PENS AREA – SSMP
9 SOUTHWEST TRENCHES AREA – SCR, SSMP
10 EASTERN REMEDIATION SUPPORT AREA
11 WESTERN REMEDIATION SUPPORT AREA
AREA LISTING:
4 3868.27 SQFT
5 2056.50 SQFT
6 1170.00 SQFT
NOTES:
SEE LEGEND, COORDINATE LISTING AND BASIS OF COORDINATES STATEMENT ON SHEET 4
SEE BASIS OF BEARINGS STATEMENT ON SHEET 1
SEE BASIS OF BEARINGS REFERENCE ON SHEET 3
DISTANCES ARE FEET AND DECIMALS THEREOF
BASIS OF BEARINGS:
BEARINGS SHOWN ARE BASED ON FOUND MONUMENTS ON OLD DAVIS ROAD, PER 22 RS 55, SOLANO COUNTY RECORDS, ROTATED 0°06'20" CCW TO REFERENCE UC DAVIS MONUMENTS 620 TO 666 AS S 81°32'47" E.
PROFESSIONAL LAND SURVEYOR
JAMES L. WHITE
Exp. 03-31-13
LS 7722
STATE OF CALIFORNIA
H-217
H-215
H-216
TRAILER
PT A
PT B
PT C
PT D
PT F
WEST – 31.00
WEST – 60.80
S09°20'34"W 14.76
S01°59'38"E – 97.40
8244.44 SQFT
4443.49 SQFT
2723.84 SQ FT
S 89°37'24" E – 52.85
N 71°27'11" E – 73.26
N21°45'41"W – 12.06
S80°48'35"E – 61.76
S09°11'25"W – 6.14
S09°11'25"W – 2.77
N80°48'35"W – 36.14
℄ OLD DAVIS RD PER 22 RS 55
R.O.W.
33'
Scale in Ft 1" = 20'


SHEET 3 OF 4
0 20 40
Scale in Ft
1" = 20'
(COMMENCEMENT PT)
FD 5/8" REBAR
WITH ALUMINUM
CAP STAMPED
"SOLANO COUNTY
SURVEYOR"
PER 22RS55
FLUSH IN ROAD
PROFESSIONAL LAND SURVEYOR
JAMES C. WHITE
Exp.
03-31-13
LS 7722
STATE OF CALIFORNIA
WEST
20.00
NORTH - 44.00
S00°11'32"W - 89.47
33'
R.O.W.
WEST
5.20
7
1917.19
SQFT
22.00
NORTH
5.20
EAST
PT G
23.47
NORTH
20.30
7.01
EAST - 27.31
H-213
NOTES:
SEE LEGEND, COORDINATE LISTING AND
BASIS OF COORDINATES STATEMENT ON SHEET 4
SEE BASIS OF BEARINGS STATEMENT ON SHEET 1
SEE COVENANT LISTING ON SHEET 2
DISTANCES ARE FEET AND DECIMALS THEREOF
℄ OLD DAVIS RD
PER 22 RS 55
S09°11'25"W - 45.72
H-219
S09°11'25"W - 3.34
N09°11'25"E - 3.34
S80°48'35"E
2.99
8.40
S80°48'35"E
28.34
S09°11'25"W
19.33
8.40
N09°11'25"E
PT H
S80°48'35"E - 39.23
S80°48'35"E - 44.41
S80°48'35"E - 3.58
N09°11'25"E - 5.54
2
15058.50 SQFT
SOUTH - 50.67
S09°11'25"W - 64.27
CONCRETE
CURB
N78°25'56"W - 7.54
N80°48'35"W - 99.92
S 00°22'36" W - 8421.14
S 00°22'36" W - 2693.84
(S 00°28'56" W PER 22 RS 55)
(S 00°23'11" W PER DOC NO. 1999-00042875)
BASIS OF BEARINGS
N00°25'23"E - 263.54
S16°02'47"W - 45.75
H-218
S09°20'34"W
14.76
S07°59'38"E - 97.40
1
8244.44
SQFT
H-217

SHEET 4 OF 4

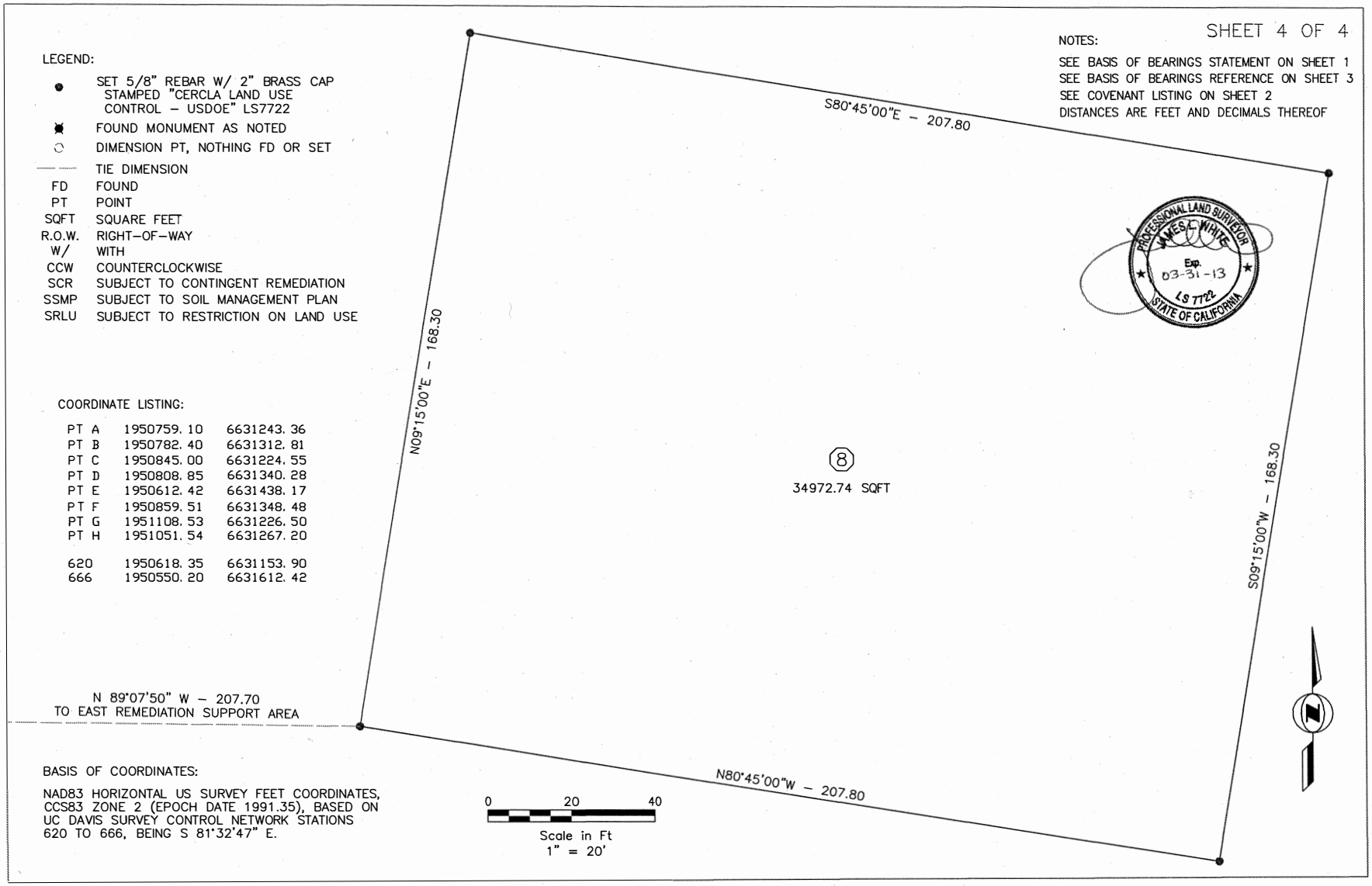
LEGEND:

- ● SET 5/8" REBAR W/ 2" BRASS CAP STAMPED "CERCLA LAND USE CONTROL – USDOE" LS7722
- ✱ FOUND MONUMENT AS NOTED
- ○ DIMENSION PT, NOTHING FD OR SET
- TIE DIMENSION

FD	FOUND
PT	POINT
SQFT	SQUARE FEET
R.O.W.	RIGHT–OF–WAY
W/	WITH
CCW	COUNTERCLOCKWISE
SCR	SUBJECT TO CONTINGENT REMEDIATION
SSMP	SUBJECT TO SOIL MANAGEMENT PLAN
SRLU	SUBJECT TO RESTRICTION ON LAND USE

NOTES:

SEE BASIS OF BEARINGS STATEMENT ON SHEET 1
SEE BASIS OF BEARINGS REFERENCE ON SHEET 3
SEE COVENANT LISTING ON SHEET 2
DISTANCES ARE FEET AND DECIMALS THEREOF



COORDINATE LISTING:

PT A	1950759.10	6631243.36
PT B	1950782.40	6631312.81
PT C	1950845.00	6631224.55
PT D	1950808.85	6631340.28
PT E	1950612.42	6631438.17
PT F	1950859.51	6631348.48
PT G	1951108.53	6631226.50
PT H	1951051.54	6631267.20
620	1950618.35	6631153.90
666	1950550.20	6631612.42

BASIS OF COORDINATES:

NAD83 HORIZONTAL US SURVEY FEET COORDINATES, CCS83 ZONE 2 (EPOCH DATE 1991.35), BASED ON UC DAVIS SURVEY CONTROL NETWORK STATIONS 620 TO 666, BEING S 81°32'47" E.

HUNTER SURVEYING, INC.

P.O. Box 2455
Granite Bay, CA 95746
Phone: (916) 988-5600
Fax: (916) 740-2706

10 March 2011

Weiss Associates
5801 Christie Avenue, Suite 600
Emeryville, CA 94608

Attn: Tim Utterback

Re: **UC Davis South Campus - Monitoring Well Survey**

The following monitoring wells were surveyed on 08 March 2011. Horizontal positions recorded by GPS-RTK observations or total-station survey methods. Vertical elevations recorded by digital leveling survey methods.

	NAD83(1991) Zn2 Coords (ft)		*NGVD 1929 Elevations (ft)*			
Pt ID	***North***	***East***	***PVC***	***Port***	***Rim***	***Grnd***
UCD1-013			51.95	52.06	52.24	49.1
UCD1-018			48.15	48.26	48.63	46.7
UCD1-021			48.41	48.52	48.81	48.7
UCD1-023			49.02	49.13	49.44	49.3
UCD1-054			48.59	48.70	49.07	49.1
UCD1-063			49.88	50.00	50.19	47.8
UCD1-068	1950901.1	6631430.4	48.94	49.04	49.29	49.0
UCD1-069	1950799.1	6631412.2	49.06	49.16	49.59	49.3
UCD1-070	1950653.0	6631399.0	52.11	52.23	52.68	49.1
UCD1-071	1951235.2	6631281.9	48.11	48.23	48.71	48.6
UCD1-072	1951043.6	6631452.5	48.24	48.35	48.65	48.4
UCD1-073	1951324.6	6631061.3	50.91	51.02	50.93	47.7

Basis of Coordinates and Elevations:

NAD83 Horizontal US Survey Feet Coordinates, *CCS83 Zone 2* (epoch date 1991.35), established by GPS-RTK observations based on *UC Davis Survey Control Network Stations* ***620***.

NGVD29 Vertical Feet Elevations established by digital leveling loops based *on UC Davis Survey Control Network Station* **620**, elev = 57.94'.

CP-620	1950618.35	6631153.90	57.94

Note: Coordinates and elevations listed are based on *prior* UCD values, as utilized in numerous survey reports at UCD/LEHR.

James L. White
LS 7722

PROFESSIONAL LAND SURVEYOR
JAMES L. WHITE
Exp. 03-31-11
LS 7722
STATE OF CALIFORNIA

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Appendix D

Investigation-Derived Waste Documentation for Soil

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Table D-1. Comparison of Waste Soil Radioactivity to Background, 2011 Well Installations IDW

Analyte	Background (pCi/g)	ND Flag	Result (pCi/g)	Error (pCi/g)	Detection Limit (pCi/g)	Comparison
Sample CWMW0003						
Carbon-14	0.13	<	0.0511	0.362	0.614	below
Cesium-137	0.00695	<	-0.00277	0.00836	0.0143	below
Radium-226	0.752		0.553	0.0689	0.0288	below
Strontium-90	0.056	<	-0.00146	0.0222	0.0454	below
Tritium	1.2	<	0.164	0.522	0.895	below
Sample CWMW0004						
Carbon-14	0.13	<	0.106	0.352	0.597	below
Cesium-137	0.00695	<	-0.00973	0.0108	0.0172	below
Cobalt-60	0.006	<	0.00449	0.0122	0.0214	below
Lead-210	1.6		0.514	0.162	0.142	below
Radium-226	0.752		0.451	0.0659	0.0318	below
Strontium-90	0.056	<	0.0103	0.0247	0.0449	below
Thorium-234	0.78		0.652	0.234	0.173	below
Tritium	1.2	<	0.211	0.523	0.894	below
Sample CWMW0005 (field duplicate of CWMW0004)						
Carbon-14	0.13	<	-0.118	0.355	0.608	below
Cesium-137	0.00695	<	-0.0138	0.00933	0.0151	below
Cobalt-60	0.006	<	-0.00258	0.0102	0.0169	below
Lead-210	1.6	<	0.89	1.54	2.93	below
Radium-226	0.752		0.457	0.0587	0.0312	below
Strontium-90	0.056	<	0.0268	0.0278	0.0457	below
Thorium-234	0.78		0.929	0.883	0.661	ABOVE [1]
Tritium	1.2	<	0.194	0.507	0.868	below

Notes

[1] primary sample of duplicate pair is below background.

Abbreviations

pCi/g	picocuries per gram
ND Flag	flag indicating whether result is non detect
<	result is non detect
IDW	investigation derived waste

Table D-2. Comparison of Waste Soil Chemical Results to Hazardous Waste Criteria, 2011 Well Installations IDW

Sample ID	Analyte	ND Flag	Concentration	Detection Limit	Units	TTLC	TTLC Comparison	10X STLC	10X STLC Comparison	20X TCLP	20X TCLP Comparison
CWMW0003	Antimony		0.32	0.64	mg/kg	500	below	150	below		below
CWMW0003	Arsenic		8.9	1.3	mg/kg	500	below	50	below	100	below
CWMW0003	Barium		181	2.6	mg/kg	10,000	below	1,000	below	2,000	below
CWMW0003	Beryllium		0.48	0.13	mg/kg	75	below	7.5	below		below
CWMW0003	Cadmium		0.24	0.064	mg/kg	100	below	10	below	20	below
CWMW0003	Chromium		74.2	1.3	mg/kg	2,500	below	50	ABOVE 10X STLC	100	below
CWMW0003	Cobalt		15.5	0.26	mg/kg	8,000	below	800	below		below
CWMW0003	Copper		31.9	1.3	mg/kg	2,500	below	250	below		below
CWMW0003	Lead		8.8	0.39	mg/kg	1,000	below	50	below	100	below
CWMW0003	Mercury		0.38	0.043	mg/kg	20	below	2	below	4	below
CWMW0003	Molybdenum		0.79	0.64	mg/kg	3,500	below	3,500	below		below
CWMW0003	Nickel		118	0.64	mg/kg	2,000	below	200	below		below
CWMW0003	Selenium		1.2	0.64	mg/kg	100	below	10	below	20	below
CWMW0003	Silver		0.087	0.26	mg/kg	500	below	50	below	100	below
CWMW0003	Thallium		0.28	0.26	mg/kg	700	below	70	below		below
CWMW0003	Vanadium		57.5	1.3	mg/kg	2,400	below	240	below		below
CWMW0003	Zinc		83.5	6.4	mg/kg	5,000	below	2,500	below		below
CWMW0003	4,4'-DDD	<		2.2	ug/kg	1,000	below	1,000	below		below
CWMW0003	4,4'-DDE	<		2.2	ug/kg	1,000	below	1,000	below		below
CWMW0003	4,4'-DDT	<		2.2	ug/kg	1,000	below	1,000	below		below
CWMW0003	Aldrin	<		2.2	ug/kg	1,400	below	1,400	below		below
CWMW0003	alpha-BHC	<		2.2	ug/kg		below		below		below
CWMW0003	alpha-Chlordane	<		2.2	ug/kg	2,500	below	2,500	below	600	below
CWMW0003	Aroclor-1016	<		43	ug/kg	50,000	below	50,000	below		below
CWMW0003	Aroclor-1221	<		43	ug/kg	50,000	below	50,000	below		below
CWMW0003	Aroclor-1232	<		43	ug/kg	50,000	below	50,000	below		below
CWMW0003	Aroclor-1242	<		43	ug/kg	50,000	below	50,000	below		below
CWMW0003	Aroclor-1248	<		43	ug/kg	50,000	below	50,000	below		below
CWMW0003	Aroclor-1254	<		43	ug/kg	50,000	below	50,000	below		below
CWMW0003	Aroclor-1260	<		43	ug/kg	50,000	below	50,000	below		below
CWMW0003	beta-BHC	<		2.2	ug/kg		below		below		below
CWMW0003	Chlordane	<		22	ug/kg	2,500	below	2,500	below	600	below
CWMW0003	delta-BHC	<		2.2	ug/kg		below		below		below
CWMW0003	Dieldrin	<		2.2	ug/kg	8,000	below	8,000	below		below
CWMW0003	Endosulfan I	<		2.2	ug/kg		below		below		below
CWMW0003	Endosulfan II	<		2.2	ug/kg		below		below		below
CWMW0003	Endosulfan sulfate	<		2.2	ug/kg		below		below		below
CWMW0003	Endrin	<		2.2	ug/kg	200	below	200	below	400	below
CWMW0003	Endrin aldehyde	<		2.2	ug/kg		below		below		below
CWMW0003	Endrin ketone	<		2.2	ug/kg		below		below		below
CWMW0003	gamma-BHC (Lindane)	<		2.2	ug/kg	4,000	below	4,000	below	8,000	below
CWMW0003	gamma-Chlordane	<		2.2	ug/kg	2,500	below	2,500	below	600	below
CWMW0003	Heptachlor	<		2.2	ug/kg	4,700	below	4,700	below	160	below
CWMW0003	Heptachlor epoxide	<		2.2	ug/kg	4,700	below	4,700	below	160	below
CWMW0003	Methoxychlor	<		4.3	ug/kg	100,000	below	100,000	below	200,000	below
CWMW0003	Toxaphene	<		86	ug/kg	5,000	below	5,000	below	10,000	below
CWMW0003	1,2,4-Trichlorobenzene	<		430	ug/kg		below		below		below
CWMW0003	1,2-Dichlorobenzene	<		430	ug/kg		below		below		below
CWMW0003	1,3-Dichlorobenzene	<		430	ug/kg		below		below		below

Table D-2. Comparison of Waste Soil Chemical Results to Hazardous Waste Criteria, 2011 Well Installations IDW

Sample ID	Analyte	ND Flag	Concentration	Detection Limit	Units	TTLC	TTLC Comparison	10X STLC	10X STLC Comparison	20X TCLP	20X TCLP Comparison
CWMW0003	1,4-Dichlorobenzene	<		430	ug/kg		below		below	150,000	below
CWMW0003	2,4,5-Trichlorophenol	<		430	ug/kg		below		below	8,000,000	below
CWMW0003	2,4,6-Trichlorophenol	<		430	ug/kg		below		below	40,000	below
CWMW0003	2,4-Dichlorophenol	<		430	ug/kg		below		below		below
CWMW0003	2,4-Dimethylphenol	<		430	ug/kg		below		below		below
CWMW0003	2,4-Dinitrophenol	<		2100	ug/kg		below		below		below
CWMW0003	2,4-Dinitrotoluene	<		430	ug/kg		below		below	2,600	below
CWMW0003	2,6-Dinitrotoluene	<		430	ug/kg		below		below		below
CWMW0003	2-Chloronaphthalene	<		430	ug/kg		below		below		below
CWMW0003	2-Chlorophenol	<		430	ug/kg		below		below		below
CWMW0003	2-Methyl-4,6-dinitrophenol	<		2100	ug/kg		below		below		below
CWMW0003	2-Methylnaphthalene	<		430	ug/kg		below		below		below
CWMW0003	2-Nitrophenol	<		430	ug/kg		below		below		below
CWMW0003	3,3'-Dichlorobenzidine	<		2100	ug/kg		below		below		below
CWMW0003	4-Bromophenyl phenyl ether	<		430	ug/kg		below		below		below
CWMW0003	4-Chloro-3-methylphenol	<		430	ug/kg		below		below		below
CWMW0003	4-Chloroaniline	<		430	ug/kg		below		below		below
CWMW0003	4-Chlorophenyl phenyl ether	<		430	ug/kg		below		below		below
CWMW0003	4-Nitrophenol	<		2100	ug/kg		below		below		below
CWMW0003	Acenaphthene	<		430	ug/kg		below		below		below
CWMW0003	Acenaphthylene	<		430	ug/kg		below		below		below
CWMW0003	Aniline	<		430	ug/kg		below		below		below
CWMW0003	Anthracene	<		430	ug/kg		below		below		below
CWMW0003	Azobenzene	<		430	ug/kg		below		below		below
CWMW0003	Benzidine	<		430	ug/kg		below		below		below
CWMW0003	Benzo(a)anthracene	<		430	ug/kg		below		below		below
CWMW0003	Benzo(a)pyrene	<		430	ug/kg		below		below		below
CWMW0003	Benzo(b)fluoranthene	<		430	ug/kg		below		below		below
CWMW0003	Benzo(ghi)perylene	<		430	ug/kg		below		below		below
CWMW0003	Benzo(k)fluoranthene	<		430	ug/kg		below		below		below
CWMW0003	Benzoic acid	<		2100	ug/kg		below		below		below
CWMW0003	Benzyl alcohol	<		430	ug/kg		below		below		below
CWMW0003	bis(2-Chloroethoxy)methane	<		430	ug/kg		below		below		below
CWMW0003	Bis(2-Chloroethyl)ether	<		430	ug/kg		below		below		below
CWMW0003	bis(2-Chloroisopropyl)ether	<		430	ug/kg		below		below		below
CWMW0003	bis(2-Ethylhexyl)phthalate	<		430	ug/kg		below		below		below
CWMW0003	Butylbenzylphthalate	<		430	ug/kg		below		below		below
CWMW0003	Carbazole	<		430	ug/kg		below		below		below
CWMW0003	Chrysene	<		430	ug/kg		below		below		below
CWMW0003	Dibenzo(a,h)anthracene	<		430	ug/kg		below		below		below
CWMW0003	Dibenzofuran	<		430	ug/kg		below		below		below
CWMW0003	Diethylphthalate	<		430	ug/kg		below		below		below
CWMW0003	Dimethylphthalate	<		430	ug/kg		below		below		below
CWMW0003	Di-n-butylphthalate	<		430	ug/kg		below		below		below
CWMW0003	Di-n-octylphthalate	<		430	ug/kg		below		below		below
CWMW0003	Fluoranthene	<		430	ug/kg		below		below		below
CWMW0003	Fluorene	<		430	ug/kg		below		below		below
CWMW0003	Hexachlorobenzene	<		430	ug/kg		below		below	2,600	below
CWMW0003	Hexachlorobutadiene	<		430	ug/kg		below		below	10,000	below

Table D-2. Comparison of Waste Soil Chemical Results to Hazardous Waste Criteria, 2011 Well Installations IDW

Sample ID	Analyte	ND Flag	Concentration	Detection Limit	Units	TTLC	TTLC Comparison	10X STLC	10X STLC Comparison	20X TCLP	20X TCLP Comparison
CWMW0003	Hexachlorocyclopentadiene	<		2100	ug/kg		below		below		below
CWMW0003	Hexachloroethane	<		430	ug/kg		below		below	60,000	below
CWMW0003	Indeno(1,2,3-cd)pyrene	<		430	ug/kg		below		below		below
CWMW0003	Isophorone	<		430	ug/kg		below		below		below
CWMW0003	m,p-cresol	<		850	ug/kg		below		below	4,000,000	below
CWMW0003	m-Nitroaniline	<		430	ug/kg		below		below		below
CWMW0003	Naphthalene	<		430	ug/kg		below		below		below
CWMW0003	Nitrobenzene	<		430	ug/kg		below		below	40,000	below
CWMW0003	N-Nitrosodiphenylamine	<		430	ug/kg		below		below		below
CWMW0003	N-Nitrosodipropylamine	<		430	ug/kg		below		below		below
CWMW0003	o-Cresol	<		430	ug/kg		below		below	4,000,000	below
CWMW0003	o-Nitroaniline	<		430	ug/kg		below		below		below
CWMW0003	Pentachlorophenol	<		850	ug/kg	17,000	below	17,000	below	2,000,000	below
CWMW0003	Phenanthrene	<		430	ug/kg		below		below		below
CWMW0003	Phenol	<		430	ug/kg		below		below		below
CWMW0003	p-Nitroaniline	<		2100	ug/kg		below		below		below
CWMW0003	Pyrene	<		430	ug/kg		below		below		below
CWMW0003	Pyridine	<		850	ug/kg		below		below	100,000	below
CWMW0003	Diesel Range Organics	<		32	mg/kg		below		below		below
CWMW0003	GASOLINE RANGE ORGANICS	<		0.13	mg/kg		below		below		below
CWMW0003	Motor Oil Range Organics	<		32	mg/kg		below		below		below
CWMW0003	1,1,1-Trichloroethane	<		6.4	ug/kg		below		below		below
CWMW0003	1,1,2,2-Tetrachloroethane	<		6.4	ug/kg		below		below		below
CWMW0003	1,1,2-Trichloroethane	<		6.4	ug/kg		below		below		below
CWMW0003	1,1-Dichloroethane	<		6.4	ug/kg		below		below		below
CWMW0003	1,1-Dichloroethene	<		6.4	ug/kg		below		below	14,000	below
CWMW0003	1,2-Dichlorobenzene	<		6.4	ug/kg		below		below		below
CWMW0003	1,2-Dichloroethane	<		6.4	ug/kg		below		below	10,000	below
CWMW0003	1,2-Dichloroethene (total)	<		13	ug/kg		below		below		below
CWMW0003	1,2-Dichloropropane	<		6.4	ug/kg		below		below		below
CWMW0003	1,3-Dichlorobenzene	<		6.4	ug/kg		below		below		below
CWMW0003	1,4-Dichlorobenzene	<		6.4	ug/kg		below		below	150,000	below
CWMW0003	2-Butanone	<		26	ug/kg		below		below	4,000,000	below
CWMW0003	2-Hexanone	<		26	ug/kg		below		below		below
CWMW0003	4-Methyl-2-pentanone	<		26	ug/kg		below		below		below
CWMW0003	Acetone		16	26	ug/kg		below		below		below
CWMW0003	Benzene	<		6.4	ug/kg		below		below	10,000	below
CWMW0003	Bromodichloromethane	<		6.4	ug/kg		below		below		below
CWMW0003	Bromoform	<		6.4	ug/kg		below		below		below
CWMW0003	Bromomethane	<		13	ug/kg		below		below		below
CWMW0003	Carbon disulfide	<		6.4	ug/kg		below		below		below
CWMW0003	Carbon tetrachloride	<		6.4	ug/kg		below		below	10,000	below
CWMW0003	Chlorobenzene	<		6.4	ug/kg		below		below	2,000,000	below
CWMW0003	Chlorodibromomethane	<		6.4	ug/kg		below		below		below
CWMW0003	Chloroethane	<		13	ug/kg		below		below		below
CWMW0003	Chloroform	<		6.4	ug/kg		below		below	120,000	below
CWMW0003	Chloromethane	<		13	ug/kg		below		below		below
CWMW0003	cis-1,3-Dichloropropylene	<		6.4	ug/kg		below		below		below
CWMW0003	Ethylbenzene	<		6.4	ug/kg		below		below		below

Table D-2. Comparison of Waste Soil Chemical Results to Hazardous Waste Criteria, 2011 Well Installations IDW

Sample ID	Analyte	ND Flag	Concentration	Detection Limit	Units	TTLC	TTLC Comparison	10X STLC	10X STLC Comparison	20X TCLP	20X TCLP Comparison
CWMW0003	Methylene chloride	<		6.4	ug/kg		below		below		below
CWMW0003	Styrene	<		6.4	ug/kg		below		below		below
CWMW0003	Tetrachloroethylene	<		6.4	ug/kg		below		below	14,000	below
CWMW0003	Toluene	<		6.4	ug/kg		below		below		below
CWMW0003	trans-1,3-Dichloropropene	<		6.4	ug/kg		below		below		below
CWMW0003	Trichloroethene	<		6.4	ug/kg	2,040,000	below	2,040,000	below	10,000	below
CWMW0003	Vinyl chloride	<		6.4	ug/kg		below		below	4,000	below
CWMW0003	Xylenes (total)	<		13	ug/kg		below		below		below
CWMW0004	Antimony		0.23	0.59	mg/kg	500	below	150	below		below
CWMW0004	Arsenic		7.5	1.2	mg/kg	500	below	50	below	100	below
CWMW0004	Barium		171	2.4	mg/kg	10,000	below	1,000	below	2,000	below
CWMW0004	Beryllium		0.4	0.12	mg/kg	75	below	7.5	below		below
CWMW0004	Cadmium		0.079	0.059	mg/kg	100	below	10	below	20	below
CWMW0004	Chromium		102	1.2	mg/kg	2,500	below	50	ABOVE 10X STLC	100	ABOVE 20X TCLP
CWMW0004	Cobalt		19.1	0.24	mg/kg	8,000	below	800	below		below
CWMW0004	Copper		32.8	1.2	mg/kg	2,500	below	250	below		below
CWMW0004	Lead		6.7	0.36	mg/kg	1,000	below	50	below	100	below
CWMW0004	Mercury		0.32	0.04	mg/kg	20	below	2	below	4	below
CWMW0004	Molybdenum		0.52	0.59	mg/kg	3,500	below	3,500	below		below
CWMW0004	Nickel		183	0.59	mg/kg	2,000	below	200	below		below
CWMW0004	Selenium		1.2	0.59	mg/kg	100	below	10	below	20	below
CWMW0004	Silver		0.026	0.24	mg/kg	500	below	50	below	100	below
CWMW0004	Thallium		0.38	0.24	mg/kg	700	below	70	below		below
CWMW0004	Vanadium		54.9	1.2	mg/kg	2,400	below	240	below		below
CWMW0004	Zinc		59.2	5.9	mg/kg	5,000	below	2,500	below		below
CWMW0004	4,4'-DDD	<		2	ug/kg	1,000	below	1,000	below		below
CWMW0004	4,4'-DDE	<		2	ug/kg	1,000	below	1,000	below		below
CWMW0004	4,4'-DDT	<		2	ug/kg	1,000	below	1,000	below		below
CWMW0004	Aldrin	<		2	ug/kg	1,400	below	1,400	below		below
CWMW0004	alpha-BHC	<		2	ug/kg		below		below		below
CWMW0004	alpha-Chlordane	<		2	ug/kg	2,500	below	2,500	below	600	below
CWMW0004	Aroclor-1016	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0004	Aroclor-1221	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0004	Aroclor-1232	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0004	Aroclor-1242	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0004	Aroclor-1248	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0004	Aroclor-1254	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0004	Aroclor-1260	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0004	beta-BHC	<		2	ug/kg		below		below		below
CWMW0004	Chlordane	<		20	ug/kg	2,500	below	2,500	below	600	below
CWMW0004	delta-BHC	<		2	ug/kg		below		below		below
CWMW0004	Dieldrin	<		2	ug/kg	8,000	below	8,000	below		below
CWMW0004	Endosulfan I	<		2	ug/kg		below		below		below
CWMW0004	Endosulfan II	<		2	ug/kg		below		below		below
CWMW0004	Endosulfan sulfate	<		2	ug/kg		below		below		below
CWMW0004	Endrin	<		2	ug/kg	200	below	200	below	400	below
CWMW0004	Endrin aldehyde	<		2	ug/kg		below		below		below
CWMW0004	Endrin ketone	<		2	ug/kg		below		below		below
CWMW0004	gamma-BHC (Lindane)	<		2	ug/kg	4,000	below	4,000	below	8,000	below

Table D-2. Comparison of Waste Soil Chemical Results to Hazardous Waste Criteria, 2011 Well Installations IDW

Sample ID	Analyte	ND Flag	Concentration	Detection Limit	Units	TTLC	TTLC Comparison	10X STLC	10X STLC Comparison	20X TCLP	20X TCLP Comparison
CWMW0004	gamma-Chlordane	<		2	ug/kg	2,500	below	2,500	below	600	below
CWMW0004	Heptachlor	<		2	ug/kg	4,700	below	4,700	below	160	below
CWMW0004	Heptachlor epoxide	<		2	ug/kg	4,700	below	4,700	below	160	below
CWMW0004	Methoxychlor	<		3.9	ug/kg	100,000	below	100,000	below	200,000	below
CWMW0004	Toxaphene	<		80	ug/kg	5,000	below	5,000	below	10,000	below
CWMW0004	1,2,4-Trichlorobenzene	<		390	ug/kg		below		below		below
CWMW0004	1,2-Dichlorobenzene	<		390	ug/kg		below		below		below
CWMW0004	1,3-Dichlorobenzene	<		390	ug/kg		below		below		below
CWMW0004	1,4-Dichlorobenzene	<		390	ug/kg		below		below	150,000	below
CWMW0004	2,4,5-Trichlorophenol	<		390	ug/kg		below		below	8,000,000	below
CWMW0004	2,4,6-Trichlorophenol	<		390	ug/kg		below		below	40,000	below
CWMW0004	2,4-Dichlorophenol	<		390	ug/kg		below		below		below
CWMW0004	2,4-Dimethylphenol	<		390	ug/kg		below		below		below
CWMW0004	2,4-Dinitrophenol	<		1900	ug/kg		below		below		below
CWMW0004	2,4-Dinitrotoluene	<		390	ug/kg		below		below	2,600	below
CWMW0004	2,6-Dinitrotoluene	<		390	ug/kg		below		below		below
CWMW0004	2-Chloronaphthalene	<		390	ug/kg		below		below		below
CWMW0004	2-Chlorophenol	<		390	ug/kg		below		below		below
CWMW0004	2-Methyl-4,6-dinitrophenol	<		1900	ug/kg		below		below		below
CWMW0004	2-Methylnaphthalene	<		390	ug/kg		below		below		below
CWMW0004	2-Nitrophenol	<		390	ug/kg		below		below		below
CWMW0004	3,3'-Dichlorobenzidine	<		1900	ug/kg		below		below		below
CWMW0004	4-Bromophenyl phenyl ether	<		390	ug/kg		below		below		below
CWMW0004	4-Chloro-3-methylphenol	<		390	ug/kg		below		below		below
CWMW0004	4-Chloroaniline	<		390	ug/kg		below		below		below
CWMW0004	4-Chlorophenyl phenyl ether	<		390	ug/kg		below		below		below
CWMW0004	4-Nitrophenol	<		1900	ug/kg		below		below		below
CWMW0004	Acenaphthene	<		390	ug/kg		below		below		below
CWMW0004	Acenaphthylene	<		390	ug/kg		below		below		below
CWMW0004	Aniline	<		390	ug/kg		below		below		below
CWMW0004	Anthracene	<		390	ug/kg		below		below		below
CWMW0004	Azobenzene	<		390	ug/kg		below		below		below
CWMW0004	Benzidine	<		390	ug/kg		below		below		below
CWMW0004	Benzo(a)anthracene	<		390	ug/kg		below		below		below
CWMW0004	Benzo(a)pyrene	<		390	ug/kg		below		below		below
CWMW0004	Benzo(b)fluoranthene	<		390	ug/kg		below		below		below
CWMW0004	Benzo(ghi)perylene	<		390	ug/kg		below		below		below
CWMW0004	Benzo(k)fluoranthene	<		390	ug/kg		below		below		below
CWMW0004	Benzoic acid	<		1900	ug/kg		below		below		below
CWMW0004	Benzyl alcohol	<		390	ug/kg		below		below		below
CWMW0004	bis(2-Chloroethoxy)methane	<		390	ug/kg		below		below		below
CWMW0004	Bis(2-Chloroethyl)ether	<		390	ug/kg		below		below		below
CWMW0004	bis(2-Chloroisopropyl)ether	<		390	ug/kg		below		below		below
CWMW0004	bis(2-Ethylhexyl)phthalate	<		390	ug/kg		below		below		below
CWMW0004	Butylbenzylphthalate	<		390	ug/kg		below		below		below
CWMW0004	Carbazole	<		390	ug/kg		below		below		below
CWMW0004	Chrysene	<		390	ug/kg		below		below		below
CWMW0004	Dibenzo(a,h)anthracene	<		390	ug/kg		below		below		below
CWMW0004	Dibenzofuran	<		390	ug/kg		below		below		below

Table D-2. Comparison of Waste Soil Chemical Results to Hazardous Waste Criteria, 2011 Well Installations IDW

Sample ID	Analyte	ND Flag	Concentration	Detection Limit	Units	TTLC	TTLC Comparison	10X STLC	10X STLC Comparison	20X TCLP	20X TCLP Comparison
CWMW0004	Diethylphthalate	<		390	ug/kg		below		below		below
CWMW0004	Dimethylphthalate	<		390	ug/kg		below		below		below
CWMW0004	Di-n-butylphthalate	<		390	ug/kg		below		below		below
CWMW0004	Di-n-octylphthalate	<		390	ug/kg		below		below		below
CWMW0004	Fluoranthene	<		390	ug/kg		below		below		below
CWMW0004	Fluorene	<		390	ug/kg		below		below		below
CWMW0004	Hexachlorobenzene	<		390	ug/kg		below		below	2,600	below
CWMW0004	Hexachlorobutadiene	<		390	ug/kg		below		below	10,000	below
CWMW0004	Hexachlorocyclopentadiene	<		1900	ug/kg		below		below		below
CWMW0004	Hexachloroethane	<		390	ug/kg		below		below	60,000	below
CWMW0004	Indeno(1,2,3-cd)pyrene	<		390	ug/kg		below		below		below
CWMW0004	Isophorone	<		390	ug/kg		below		below		below
CWMW0004	m,p-cresol	<		790	ug/kg		below		below	4,000,000	below
CWMW0004	m-Nitroaniline	<		390	ug/kg		below		below		below
CWMW0004	Naphthalene	<		390	ug/kg		below		below		below
CWMW0004	Nitrobenzene	<		390	ug/kg		below		below	40,000	below
CWMW0004	N-Nitrosodiphenylamine	<		390	ug/kg		below		below		below
CWMW0004	N-Nitrosodipropylamine	<		390	ug/kg		below		below		below
CWMW0004	o-Cresol	<		390	ug/kg		below		below	4,000,000	below
CWMW0004	o-Nitroaniline	<		390	ug/kg		below		below		below
CWMW0004	Pentachlorophenol	<		790	ug/kg	17,000	below	17,000	below	2,000,000	below
CWMW0004	Phenanthrene	<		390	ug/kg		below		below		below
CWMW0004	Phenol	<		390	ug/kg		below		below		below
CWMW0004	p-Nitroaniline	<		1900	ug/kg		below		below		below
CWMW0004	Pyrene	<		390	ug/kg		below		below		below
CWMW0004	Pyridine	<		790	ug/kg		below		below	100,000	below
CWMW0004	Diesel Range Organics	<		30	mg/kg		below		below		below
CWMW0004	GASOLINE RANGE ORGANICS	<		0.12	mg/kg		below		below		below
CWMW0004	Motor Oil Range Organics	<		30	mg/kg		below		below		below
CWMW0004	1,1,1-Trichloroethane	<		5.9	ug/kg		below		below		below
CWMW0004	1,1,2,2-Tetrachloroethane	<		5.9	ug/kg		below		below		below
CWMW0004	1,1,2-Trichloroethane	<		5.9	ug/kg		below		below		below
CWMW0004	1,1-Dichloroethane	<		5.9	ug/kg		below		below		below
CWMW0004	1,1-Dichloroethene	<		5.9	ug/kg		below		below	14,000	below
CWMW0004	1,2-Dichlorobenzene	<		5.9	ug/kg		below		below		below
CWMW0004	1,2-Dichloroethane	<		5.9	ug/kg		below		below	10,000	below
CWMW0004	1,2-Dichloroethene (total)	<		12	ug/kg		below		below		below
CWMW0004	1,2-Dichloropropane	<		5.9	ug/kg		below		below		below
CWMW0004	1,3-Dichlorobenzene	<		5.9	ug/kg		below		below		below
CWMW0004	1,4-Dichlorobenzene	<		5.9	ug/kg		below		below	150,000	below
CWMW0004	2-Butanone		3	24	ug/kg		below		below	4,000,000	below
CWMW0004	2-Hexanone	<		24	ug/kg		below		below		below
CWMW0004	4-Methyl-2-pentanone	<		24	ug/kg		below		below		below
CWMW0004	Acetone		11	24	ug/kg		below		below		below
CWMW0004	Benzene	<		5.9	ug/kg		below		below	10,000	below
CWMW0004	Bromodichloromethane	<		5.9	ug/kg		below		below		below
CWMW0004	Bromoform	<		5.9	ug/kg		below		below		below
CWMW0004	Bromomethane	<		12	ug/kg		below		below		below
CWMW0004	Carbon disulfide	<		5.9	ug/kg		below		below		below

Table D-2. Comparison of Waste Soil Chemical Results to Hazardous Waste Criteria, 2011 Well Installations IDW

Sample ID	Analyte	ND Flag	Concentration	Detection Limit	Units	TTLC	TTLC Comparison	10X STLC	10X STLC Comparison	20X TCLP	20X TCLP Comparison
CWMW0004	Carbon tetrachloride	<		5.9	ug/kg		below		below	10,000	below
CWMW0004	Chlorobenzene	<		5.9	ug/kg		below		below	2,000,000	below
CWMW0004	Chlorodibromomethane	<		5.9	ug/kg		below		below		below
CWMW0004	Chloroethane	<		12	ug/kg		below		below		below
CWMW0004	Chloroform	<		5.9	ug/kg		below		below	120,000	below
CWMW0004	Chloromethane	<		12	ug/kg		below		below		below
CWMW0004	cis-1,3-Dichloropropylene	<		5.9	ug/kg		below		below		below
CWMW0004	Ethylbenzene	<		5.9	ug/kg		below		below		below
CWMW0004	Methylene chloride		2.7	5.9	ug/kg		below		below		below
CWMW0004	Styrene	<		5.9	ug/kg		below		below		below
CWMW0004	Tetrachloroethylene	<		5.9	ug/kg		below		below	14,000	below
CWMW0004	Toluene	<		5.9	ug/kg		below		below		below
CWMW0004	trans-1,3-Dichloropropene	<		5.9	ug/kg		below		below		below
CWMW0004	Trichloroethene	<		5.9	ug/kg	2,040,000	below	2,040,000	below	10,000	below
CWMW0004	Vinyl chloride	<		5.9	ug/kg		below		below	4,000	below
CWMW0004	Xylenes (total)	<		12	ug/kg		below		below		below
CWMW0005	Antimony		0.25	0.59	mg/kg	500	below	150	below		below
CWMW0005	Arsenic		7.9	1.2	mg/kg	500	below	50	below	100	below
CWMW0005	Barium		216	2.4	mg/kg	10,000	below	1,000	below	2,000	below
CWMW0005	Beryllium		0.42	0.12	mg/kg	75	below	7.5	below		below
CWMW0005	Cadmium		0.08	0.059	mg/kg	100	below	10	below	20	below
CWMW0005	Chromium		124	1.2	mg/kg	2,500	below	50	ABOVE 10X STLC	100	ABOVE 20X TCLP
CWMW0005	Cobalt		21.3	0.24	mg/kg	8,000	below	800	below		below
CWMW0005	Copper		34.1	1.2	mg/kg	2,500	below	250	below		below
CWMW0005	Lead		6.9	0.35	mg/kg	1,000	below	50	below	100	below
CWMW0005	Mercury		0.33	0.039	mg/kg	20	below	2	below	4	below
CWMW0005	Molybdenum		0.47	0.59	mg/kg	3,500	below	3,500	below		below
CWMW0005	Nickel		214	0.59	mg/kg	2,000	below	200	ABOVE 10X STLC		below
CWMW0005	Selenium		1	0.59	mg/kg	100	below	10	below	20	below
CWMW0005	Silver		0.026	0.24	mg/kg	500	below	50	below	100	below
CWMW0005	Thallium		0.23	0.24	mg/kg	700	below	70	below		below
CWMW0005	Vanadium		59.9	1.2	mg/kg	2,400	below	240	below		below
CWMW0005	Zinc		63.2	5.9	mg/kg	5,000	below	2,500	below		below
CWMW0005	4,4'-DDD	<		2	ug/kg	1,000	below	1,000	below		below
CWMW0005	4,4'-DDE	<		2	ug/kg	1,000	below	1,000	below		below
CWMW0005	4,4'-DDT	<		2	ug/kg	1,000	below	1,000	below		below
CWMW0005	Aldrin	<		2	ug/kg	1,400	below	1,400	below		below
CWMW0005	alpha-BHC	<		2	ug/kg		below		below		below
CWMW0005	alpha-Chlordane	<		2	ug/kg	2,500	below	2,500	below	600	below
CWMW0005	Aroclor-1016	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0005	Aroclor-1221	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0005	Aroclor-1232	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0005	Aroclor-1242	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0005	Aroclor-1248	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0005	Aroclor-1254	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0005	Aroclor-1260	<		39	ug/kg	50,000	below	50,000	below		below
CWMW0005	beta-BHC	<		2	ug/kg		below		below		below
CWMW0005	Chlordane	<		20	ug/kg	2,500	below	2,500	below	600	below
CWMW0005	delta-BHC	<		2	ug/kg		below		below		below

Table D-2. Comparison of Waste Soil Chemical Results to Hazardous Waste Criteria, 2011 Well Installations IDW

Sample ID	Analyte	ND Flag	Concentration	Detection Limit	Units	TTLC	TTLC Comparison	10X STLC	10X STLC Comparison	20X TCLP	20X TCLP Comparison
CWMW0005	Dieldrin	<		2	ug/kg	8,000	below	8,000	below		below
CWMW0005	Endosulfan I	<		2	ug/kg		below		below		below
CWMW0005	Endosulfan II	<		2	ug/kg		below		below		below
CWMW0005	Endosulfan sulfate	<		2	ug/kg		below		below		below
CWMW0005	Endrin	<		2	ug/kg	200	below	200	below	400	below
CWMW0005	Endrin aldehyde	<		2	ug/kg		below		below		below
CWMW0005	Endrin ketone	<		2	ug/kg		below		below		below
CWMW0005	gamma-BHC (Lindane)	<		2	ug/kg	4,000	below	4,000	below	8,000	below
CWMW0005	gamma-Chlordane	<		2	ug/kg	2,500	below	2,500	below	600	below
CWMW0005	Heptachlor	<		2	ug/kg	4,700	below	4,700	below	160	below
CWMW0005	Heptachlor epoxide	<		2	ug/kg	4,700	below	4,700	below	160	below
CWMW0005	Methoxychlor	<		3.9	ug/kg	100,000	below	100,000	below	200,000	below
CWMW0005	Toxaphene	<		79	ug/kg	5,000	below	5,000	below	10,000	below
CWMW0005	1,2,4-Trichlorobenzene	<		390	ug/kg		below		below		below
CWMW0005	1,2-Dichlorobenzene	<		390	ug/kg		below		below		below
CWMW0005	1,3-Dichlorobenzene	<		390	ug/kg		below		below		below
CWMW0005	1,4-Dichlorobenzene	<		390	ug/kg		below		below	150,000	below
CWMW0005	2,4,5-Trichlorophenol	<		390	ug/kg		below		below	8,000,000	below
CWMW0005	2,4,6-Trichlorophenol	<		390	ug/kg		below		below	40,000	below
CWMW0005	2,4-Dichlorophenol	<		390	ug/kg		below		below		below
CWMW0005	2,4-Dimethylphenol	<		390	ug/kg		below		below		below
CWMW0005	2,4-Dinitrophenol	<		1900	ug/kg		below		below		below
CWMW0005	2,4-Dinitrotoluene	<		390	ug/kg		below		below	2,600	below
CWMW0005	2,6-Dinitrotoluene	<		390	ug/kg		below		below		below
CWMW0005	2-Chloronaphthalene	<		390	ug/kg		below		below		below
CWMW0005	2-Chlorophenol	<		390	ug/kg		below		below		below
CWMW0005	2-Methyl-4,6-dinitrophenol	<		1900	ug/kg		below		below		below
CWMW0005	2-Methylnaphthalene	<		390	ug/kg		below		below		below
CWMW0005	2-Nitrophenol	<		390	ug/kg		below		below		below
CWMW0005	3,3'-Dichlorobenzidine	<		1900	ug/kg		below		below		below
CWMW0005	4-Bromophenyl phenyl ether	<		390	ug/kg		below		below		below
CWMW0005	4-Chloro-3-methylphenol	<		390	ug/kg		below		below		below
CWMW0005	4-Chloroaniline	<		390	ug/kg		below		below		below
CWMW0005	4-Chlorophenyl phenyl ether	<		390	ug/kg		below		below		below
CWMW0005	4-Nitrophenol	<		1900	ug/kg		below		below		below
CWMW0005	Acenaphthene	<		390	ug/kg		below		below		below
CWMW0005	Acenaphthylene	<		390	ug/kg		below		below		below
CWMW0005	Aniline	<		390	ug/kg		below		below		below
CWMW0005	Anthracene	<		390	ug/kg		below		below		below
CWMW0005	Azobenzene	<		390	ug/kg		below		below		below
CWMW0005	Benzidine	<		390	ug/kg		below		below		below
CWMW0005	Benzo(a)anthracene	<		390	ug/kg		below		below		below
CWMW0005	Benzo(a)pyrene	<		390	ug/kg		below		below		below
CWMW0005	Benzo(b)fluoranthene	<		390	ug/kg		below		below		below
CWMW0005	Benzo(ghi)perylene	<		390	ug/kg		below		below		below
CWMW0005	Benzo(k)fluoranthene	<		390	ug/kg		below		below		below
CWMW0005	Benzoic acid	<		1900	ug/kg		below		below		below
CWMW0005	Benzyl alcohol	<		390	ug/kg		below		below		below
CWMW0005	bis(2-Chloroethoxy)methane	<		390	ug/kg		below		below		below

Table D-2. Comparison of Waste Soil Chemical Results to Hazardous Waste Criteria, 2011 Well Installations IDW

Sample ID	Analyte	ND Flag	Concentration	Detection Limit	Units	TTLC	TTLC Comparison	10X STLC	10X STLC Comparison	20X TCLP	20X TCLP Comparison
CWMW0005	Bis(2-Chloroethyl)ether	<		390	ug/kg		below		below		below
CWMW0005	bis(2-Chloroisopropyl)ether	<		390	ug/kg		below		below		below
CWMW0005	bis(2-Ethylhexyl)phthalate	<		390	ug/kg		below		below		below
CWMW0005	Butylbenzylphthalate	<		390	ug/kg		below		below		below
CWMW0005	Carbazole	<		390	ug/kg		below		below		below
CWMW0005	Chrysene	<		390	ug/kg		below		below		below
CWMW0005	Dibenzo(a,h)anthracene	<		390	ug/kg		below		below		below
CWMW0005	Dibenzofuran	<		390	ug/kg		below		below		below
CWMW0005	Diethylphthalate	<		390	ug/kg		below		below		below
CWMW0005	Dimethylphthalate	<		390	ug/kg		below		below		below
CWMW0005	Di-n-butylphthalate	<		390	ug/kg		below		below		below
CWMW0005	Di-n-octylphthalate	<		390	ug/kg		below		below		below
CWMW0005	Fluoranthene	<		390	ug/kg		below		below		below
CWMW0005	Fluorene	<		390	ug/kg		below		below		below
CWMW0005	Hexachlorobenzene	<		390	ug/kg		below		below	2,600	below
CWMW0005	Hexachlorobutadiene	<		390	ug/kg		below		below	10,000	below
CWMW0005	Hexachlorocyclopentadiene	<		1900	ug/kg		below		below		below
CWMW0005	Hexachloroethane	<		390	ug/kg		below		below	60,000	below
CWMW0005	Indeno(1,2,3-cd)pyrene	<		390	ug/kg		below		below		below
CWMW0005	Isophorone	<		390	ug/kg		below		below		below
CWMW0005	m,p-cresol	<		780	ug/kg		below		below	4,000,000	below
CWMW0005	m-Nitroaniline	<		390	ug/kg		below		below		below
CWMW0005	Naphthalene	<		390	ug/kg		below		below		below
CWMW0005	Nitrobenzene	<		390	ug/kg		below		below	40,000	below
CWMW0005	N-Nitrosodiphenylamine	<		390	ug/kg		below		below		below
CWMW0005	N-Nitrosodipropylamine	<		390	ug/kg		below		below		below
CWMW0005	o-Cresol	<		390	ug/kg		below		below	4,000,000	below
CWMW0005	o-Nitroaniline	<		390	ug/kg		below		below		below
CWMW0005	Pentachlorophenol	<		780	ug/kg	17,000	below	17,000	below	2,000,000	below
CWMW0005	Phenanthrene	<		390	ug/kg		below		below		below
CWMW0005	Phenol	<		390	ug/kg		below		below		below
CWMW0005	p-Nitroaniline	<		1900	ug/kg		below		below		below
CWMW0005	Pyrene	<		390	ug/kg		below		below		below
CWMW0005	Pyridine	<		780	ug/kg		below		below	100,000	below
CWMW0005	Diesel Range Organics	<		30	mg/kg		below		below		below
CWMW0005	GASOLINE RANGE ORGANICS	<		0.12	mg/kg		below		below		below
CWMW0005	Motor Oil Range Organics	<		30	mg/kg		below		below		below
CWMW0005	1,1,1-Trichloroethane	<		5.9	ug/kg		below		below		below
CWMW0005	1,1,2,2-Tetrachloroethane	<		5.9	ug/kg		below		below		below
CWMW0005	1,1,2-Trichloroethane	<		5.9	ug/kg		below		below		below
CWMW0005	1,1-Dichloroethane	<		5.9	ug/kg		below		below		below
CWMW0005	1,1-Dichloroethene	<		5.9	ug/kg		below		below	14,000	below
CWMW0005	1,2-Dichlorobenzene	<		5.9	ug/kg		below		below		below
CWMW0005	1,2-Dichloroethane	<		5.9	ug/kg		below		below	10,000	below
CWMW0005	1,2-Dichloroethene (total)	<		12	ug/kg		below		below		below
CWMW0005	1,2-Dichloropropane	<		5.9	ug/kg		below		below		below
CWMW0005	1,3-Dichlorobenzene	<		5.9	ug/kg		below		below		below
CWMW0005	1,4-Dichlorobenzene	<		5.9	ug/kg		below		below	150,000	below
CWMW0005	2-Butanone	<		24	ug/kg		below		below	4,000,000	below

Table D-2. Comparison of Waste Soil Chemical Results to Hazardous Waste Criteria, 2011 Well Installations IDW

Sample ID	Analyte	ND Flag	Concentration	Detection Limit	Units	TTLC	TTLC Comparison	10X STLC	10X STLC Comparison	20X TCLP	20X TCLP Comparison
CWMW0005	2-Hexanone	<		24	ug/kg		below		below		below
CWMW0005	4-Methyl-2-pentanone	<		24	ug/kg		below		below		below
CWMW0005	Acetone		8.8	24	ug/kg		below		below		below
CWMW0005	Benzene	<		5.9	ug/kg		below		below	10,000	below
CWMW0005	Bromodichloromethane	<		5.9	ug/kg		below		below		below
CWMW0005	Bromoform	<		5.9	ug/kg		below		below		below
CWMW0005	Bromomethane	<		12	ug/kg		below		below		below
CWMW0005	Carbon disulfide	<		5.9	ug/kg		below		below		below
CWMW0005	Carbon tetrachloride	<		5.9	ug/kg		below		below	10,000	below
CWMW0005	Chlorobenzene	<		5.9	ug/kg		below		below	2,000,000	below
CWMW0005	Chlorodibromomethane	<		5.9	ug/kg		below		below		below
CWMW0005	Chloroethane	<		12	ug/kg		below		below		below
CWMW0005	Chloroform	<		5.9	ug/kg		below		below	120,000	below
CWMW0005	Chloromethane	<		12	ug/kg		below		below		below
CWMW0005	cis-1,3-Dichloropropylene	<		5.9	ug/kg		below		below		below
CWMW0005	Ethylbenzene	<		5.9	ug/kg		below		below		below
CWMW0005	Methylene chloride	<		5.9	ug/kg		below		below		below
CWMW0005	Styrene	<		5.9	ug/kg		below		below		below
CWMW0005	Tetrachloroethylene	<		5.9	ug/kg		below		below	14,000	below
CWMW0005	Toluene	<		5.9	ug/kg		below		below		below
CWMW0005	trans-1,3-Dichloropropene	<		5.9	ug/kg		below		below		below
CWMW0005	Trichloroethene	<		5.9	ug/kg	2,040,000	below	2,040,000	below	10,000	below
CWMW0005	Vinyl chloride	<		5.9	ug/kg		below		below	4,000	below
CWMW0005	Xylenes (total)	<		12	ug/kg		below		below		below

Abbreviations

STLC	soluble threshold limit concentration
TTLC	total threshold limit concentration
TCLP	toxicity characteristic leaching procedure
ug/kg	micrograms per kilogram
mg/kg	milligrams per kilogram
IDW	investigation derived waste
10X	ten times
20X	twenty times
ND Flag	flag indicating analyte was not detected

Table D-3. Comparison of Soil Waste Extraction Test Results to STLC Criteria, 2011 Well Installations IDW

Sample ID	Analyte	WET Result (ug/L)	Detection Limit (ug/L)	STLC (ug/L)	STLC_Comparison
CWMW0003	Hexavalent Chromium	28.1	10	5000	below
CWMW0003	Nickel	104	250	20000	below
CWMW0004	Hexavalent Chromium	38.6	10	5000	below
CWMW0004	Nickel	1430	250	20000	below
CWMW0005	Hexavalent Chromium	33.9	10	5000	below
CWMW0005	Nickel	1780	250	20000	below

Abbreviations

STLC	soluble threshold limit concentration
WET	California waste extraction test
ug/L	micrograms per liter
IDW	investigation derived waste

Table D-4. Comparison of Soil Leaching Procedure Results to TCLP Criteria, 2011 Well Installations IDW

Sample ID	Analyte	Concentration (ug/L)	Detection Limit (ug/L)	TCLP (ug/L)	TCLP Comparison
CWMW0003	Chromium	54.8	25	5000	below
CWMW0004	Chromium	35.6	25	5000	below
CWMW0005	Chromium	28.2	25	5000	below

Abbreviations

TCLP	toxicity characteristic leaching procedure
ug/L	micrograms per liter
IDW	investigation derived waste

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

September 16, 2005

Bryan Clarkson
Environmental Compliance Manager
Alta Environmental Services
235 N. First Street
Dixon, CA 95620

RE: EPA Initial Determination of Acceptability under the CERCLA Off-Site Rule for Norcal Waste Systems Hay Road Landfill - CAD982042475

Dear Mr. Clarkson:

In response to your request for approval to accept CERCLA waste at your facility, this letter serves to inform you that the U.S. Environmental Protection Agency (EPA), Region 9 has made an affirmative determination regarding the status of the Norcal Waste Systems Hay Road Landfill in Vacaville, California under the CERCLA Off-Site Rule, 40 CFR §300.440.
As of the date of this letter, the Hay Road Landfill may accept CERCLA waste generated as a result of a CERCLA remedial or removal action. Receipt of CERCLA waste must be in accordance with all applicable permits and regulations. All CERCLA waste accepted at the facility shall be covered at the end of the operating day (within a 24 hour period) with a minimum of six inches of earthen material or ADC that is not contaminated with garbage and that meets preprocessing regulatory requirements of the CIWMB. [Note: see attached document]

On September 16, 1993, EPA amended the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 CFR Part 300, by adding Section 300.440, now known as the Off-Site Rule ("Rule"). The Rule codifies the requirements contained in Section 121 (d)(3) of CERCLA, 42 U.S.C. §9621 (d)(3), and incorporates many provisions of EPA's former Off-Site Policy. The Rule established criteria and procedures for determining whether facilities are acceptable for the receipt of CERCLA waste.

The Rule requires that prior to a facility's initial receipt of CERCLA waste, EPA must determine that there are no relevant violations or relevant releases at the facility. Should any new information affecting this determination be obtained in the future, EPA reserves the right to re-evaluate the acceptability of the Hay Road Landfill in accordance with the Rule.

If you have any questions concerning this matter, please contact Kandice Bellamy, Region 9's CERCLA Off-Site Rule Coordinator, at (415) 972-3304.

Sincerely,

Kandice Bellamy

Kandice Bellamy,
Region 9 CERCLA Off-Site
Rule Coordinator

From: <Bellamy.Kandice@epamail.epa.gov>
To: Melissa Roach <melissar@dillardenv.com>
Date: 4/22/2011 9:15 am
Subject: Re: CERCLA Offsite Rule - Facility Verification

CC: <Setian.Kathy@epamail.epa.gov>, Michael Butheru...
Recology Hay Road Landfill in Dixon (formerly Norcal Waste Systems Hay Road Landfill) is approved to receive CERCLA waste.

From:
Melissa Roach <melissar@dillardenv.com>
To:
Bob Devany <rod@weiss.com>, Kandice Bellamy/R9/USEPA/US@EPA
Cc:
Kathy Setian/R9/USEPA/US@EPA, Michael Butherus <Michael.Butherus@lm.doe.gov>, Vijendra Kothari <Vijendra.Kothari@lm.doe.gov>, "Tim R. Utterback" <TRU@weiss.com>
Date:
04/21/2011 07:15 PM
Subject:
Re: CERCLA Offsite Rule - Facility Verification

It's confirmed that the proposed landfill for this project is in fact CERCLA approved for solid waste and is in fact the same facility as purported in the submitted permit.

Please let me know if you require any further confirmation.

Melissa Roach
Vice President/Chief Financial Officer
Dillard Environmental Services
PO Box 579
Byron, CA 94514
Cellular (925) 766-1582
Corp. Office (925) 634-6850 x222
Email: melissar@dillardenv.com

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From: Bob Devany <rod@weiss.com>
To: bellamy.kandice@epa.gov
Cc: melissar@dillardenv.com; Setian.Kathy@epa.gov; Michael Butherus <Michael.Butherus@lm.doe.gov>; Vijendra Kothari <Vijendra.Kothari@lm.doe.gov>; Tim R. Utterback <TRU@weiss.com>
Sent: Thu, April 21, 2011 6:34:22 PM

Subject: CERCLA Offsite Rule - Facility Verification

Ms. Bellamy,

The U.S. Department of Energy plans to dispose about 8 cu. yds of non-hazardous soil generated during well installation activities at the LEHR Superfund Site at the Recology Hay Road Facility in Dixon, Ca. The facility operator supplied the attached 2005 letter documenting EPA's Initial Determination of Acceptability under the CERCLA Offsite Rule for the Hay Road facility that was identified in 2005 as the Norcal Waste Systems Hay Road Landfill - CAD982042475. Please confirm that the Recology Hay Road facility is approved to receive CERCLA waste under 40 CFR 300.440. Thank you.

Please note our new address effective March 14.

Bob Devany, P.G., C.E.G, C.Hg
Principal Hydrogeologist
Weiss Associates
2200 Powell Street, Suite 925
Emeryville, CA 94608
(510) 450-6144
www.weiss.com

Recology (Landfill Division)
Waste Disposal Application

Date Submitted: 04/13/2011 ☑ Recology Hay Road ☐ Recology Ostrom Road

A. Party to be Billed: Dillard Environmental Services Email Address: melissar@dillardenv.com

Address: PO Box 579, Byron, CA 94514

Contact: Melissa Roach Phone: 925-634-6850 Fax: 925-634-0874

B. Generator Information: US Dept of Energy - Legacy Management

Address: 99 Research Park Road, Morgantown, WV 26505

Site Address (if different): UC Davis Center for Health and the Environment, Bldg 3792 Rm 129, Old Davis Rd., Davis, CA 95616

County of Origin: Solano Site within city limits? Yes ☑ No ☐

Contact: Vijendra Kothari Phone: 304-413-0810 Fax: 304-413-0540

C. Submitting Consultant: Weiss Associates

Address: 2200 Powell Street, Ste. 925, Emeryville, CA 94608

Contact: Tim Utterback Phone: 510-450-6193 Fax:

D. Transporter: same as the "bill to"

Address:

Contact: Phone: Fax:

E. Waste Description/Source: Non-hazardous Soil

Contaminant: Gas: ☐ Diesel: ☐ Waste Oil: ☐ Metals: ☑ Other:

Project/Job Name: UC Davis Bldg 3792 (LEHR Site) Project/Job Number: 3185-009

Process Generating Waste/Source: Physical State: Solid: X Semi-Solid: Powder: Other:

Free Liquids: Yes: ☐ No: ☑ Water Content: % Quantity: Tons: Yards: 8 CYs

Vehicle Type: Roll Off Vehicle Capacity: 20 CYs Shipping Frequency: per (wk/mo/yr)

F. Supplemental Information: Certified Analytical Reports: X Chain of Custody: X QA/QC: X Facility Map:

G. Generator Certification:

1. Does this waste profile sheet and attachments contain true and accurate descriptions of the waste/material? Yes ☑ No ☐
2. Has all relevant information within the possession of the generator regarding known or suspected hazards pertaining to the waste been disclosed to the facility managing the waste? Yes ☑ No ☐
3. Is the analytical attached derived from testing a representative sample in accordance with 40 CFR 261? Yes ☑ No ☐
4. Will all changes that occur in the character or classification of the waste be identified by the Generator and disclosed to the facility managing the waste prior to providing the material/waste to the management facility? Yes ☑ No ☐

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste. I further certify that by utilizing this profile, neither myself nor other employees of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, decommissioned radioactive waste or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

V. Kothari (Signature) 4/26/2011 (Date)

Recology reserves the right to request additional information prior to acceptance.
To be considered for disposal, please complete this application in full.
Please fax analyses to (707) 678-5148 for review.

Administrative Offices • 235 North First Street • Dixon, CA 95620 • Phone: (707) 678-5692 • Fax: (707) 678-5148
Recology Hay Road • 6426 Hay Road • Vacaville, CA 95687 • Phone: (707) 678-4718 • Fax: (707) 678-5695
Recology Ostrom Road • 5900 Ostrom Road • Wheatland, CA 95692 • Phone: (530) 743-6321 • Fax: (530) 743-8649

Revised 6/9/2008

RECOLOGY HAY ROAD
RECOLOGY HAY ROAD
6426 Hay Road Vacaville, CA 95687
Phone: (707)-678-4718
Truck: 5064
Customer: 59063/DILLARD ENVIRONMEN

Ticket: 1000739
Date: 5/10/2011
Time: 11:44:36 - 11:45:07

Gross: 59040 LBS Scale
Tare: 30400 LBS PreTare
Net: 28640 LBS
Scale: H1

Profile: 4969/US DEPT OF ENERGY-LEGAC

Origin	Materials & Services	Quantity	Rate	Amount
DAV/Davis	SOILC/Soil Contaminated	14.32 @		

Total Amount:

MAY 11 2011

Marion A.

VMSTR4-LO 9/09 Printed on recycled paper

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:

2. Page 1 of 1

3. Emergency Response Phone: 800-675-1055

4. Waste Tracking Number: 3155009-001

5. Generator's Name and Mailing Address
UC Davis, Office of Health&Safety(Lehr Site)
122 Hoagland Hill
Davis, CA 95616 USA

Generator's Site Address (if different than mailing address)
Bldg 3752 Rm 129, Old Davis Rd
Davis, CA 95616 USA

Generator's Phone: 800-675-1055

6. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SERVICES
U.S. EPA ID Number: CAD982523433

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
S & J (Hay Rd. Landfill)
6426 Hay Rd.
Vacaville, CA 95687 USA
U.S. EPA ID Number: CAD982042475

Facility's Phone: 707-678-4718

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Waste Soil	1	CM	15 Yd	Y	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
DES Job# 3155-009
Approval # JN955

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KIAN ATKINSON
Signature:
Month 5 Day 10 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: R. Galvan
Signature:
Month 5 Day 10 Year 11

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

MAY 11 2011

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month 5 Day 10 Year 11

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 9/09)

TRANSPORTER #2

RECOLOGY HAY ROAD
RECOLOGY HAY ROAD
6426 Hay Road Vacaville, CA 95687
Phone: (707)-678-4718
Truck: 303
Customer: 59063/DILLARD ENVIRONMEN

Ticket 1000754
Date: 5/10/2011
Time: 11:46:57 - 12:09:58

Gross: 19660 LBS Scale
Tare: 17280 LBS Scale
Net: 2380 LBS
Scale: H2

Profile: 4969/US DEPT OF ENERGY-LEGAC

Origin	Materials & Services	Quantity	Rate	Amount
DAV/Davis	SOILC/Soil Contaminated	1.19 @		

Total Amount:

Terri Wilson

MAY 10 2011

WMSTR4-LO 9/09 Printed on recycled paper

303

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:
2. Page 1 of 1
3. Emergency Response Phone: 800-675-1066
4. Waste Tracking Number: 3185009-001

5. Generator's Name and Mailing Address
UC Davis, Office of Health&Safety(Lehr Site)
122 Hoagland Hill
Davis, CA 95616 USA
Generator's Phone: 800-675-1066

Generator's Site Address (if different than mailing address)
Bldg 3792 Rm 129, Old Davis Rd
Davis, CA 95616 USA

6. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SERVICES
U.S. EPA ID Number: CAD982523433

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
S & J (Hay Rd. Landfill)
6426 Hay Rd.
Vacaville, CA 95687 USA
Facility's Phone: 707-678-4718
U.S. EPA ID Number: CAD982042475

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Waste Soil	4	DM	1200	P	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
DES Job# 3185-009
Approval # JM969

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KIAN ATKINSON
Signature: [signature]
Month 05 Day 10 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: David Burke
Signature: [signature]
Month 05 Day 10 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year
MAY 10 2011

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: [illegible]
Signature: [signature]
Month 5 Day 10 Year 11

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 9/09)

TRANSPORTER #1

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Appendix E

Investigation-Derived Waste Documentation for Well Development Water

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Table E-1. Comparison of Well Purge/Decontamination Water Sample Results to UC Davis Wastewater Treatment Plant Limits

Analyte	POTW Limit	Sample Result	Units	Comparison
	Sample CWMW0001			
General Chemistry				
Ammonia Nitrogen	540000	59.3	ug/L	below
BOD, 5 DAY	NA	33.6	mg/L	NA
Cyanide, Reactive	20	4.7	ug/L	below
Hexavalent Chromium	59	3.7	ug/L	below
Total Suspended Solids	NA	3	mg/L	NA
Metals				
Antimony	8	<5	ug/L	below
Arsenic	8	2.2	ug/L	below
Barium	700	75.6	ug/L	below
Beryllium	4	<0.5	ug/L	below
Cadmium	6	<0.5	ug/L	below
Chromium	200	4.6	ug/L	below
Cobalt	1200	1.1	ug/L	below
Copper	0	1.9	ug/L	ABOVE [1]
Lead	21	0.54	ug/L	below
Mercury	0	<0.2	ug/L	below
Molybdenum	8.5	2.6	ug/L	below
Nickel	100	2.6	ug/L	below
Selenium	4	<5	ug/L	below
Silver	1	<2	ug/L	below
Thallium	2	1.2	ug/L	below
Vanadium	540	6.5	ug/L	below
Zinc	470	166	ug/L	below
Pesticides/Polychlorinated biphenyls				
4,4'-DDD	0	<0.05	ug/L	below
4,4'-DDE	0	<0.05	ug/L	below
4,4'-DDT	0	<0.05	ug/L	below
Aldrin	4	<0.05	ug/L	below
alpha-BHC	0	<0.05	ug/L	below
alpha-Chlordane	0	<0.05	ug/L	below
Aroclor-1016	NA	<1	ug/L	NA
Aroclor-1221	NA	<1	ug/L	NA
Aroclor-1232	NA	<1	ug/L	NA
Aroclor-1242	NA	<1	ug/L	NA
Aroclor-1248	NA	<1	ug/L	NA
Aroclor-1254	NA	<1	ug/L	NA
Aroclor-1260	NA	<1	ug/L	NA
beta-BHC	0	<0.05	ug/L	below
Chlordane	NA	<0.5	ug/L	NA
delta-BHC	0.11	<0.05	ug/L	below
Dieldrin	0	<0.05	ug/L	below
Endosulfan I	0	<0.05	ug/L	below
Endosulfan II	0	<0.05	ug/L	below
Endosulfan sulfate	0	<0.05	ug/L	below
Endrin	NA	<0.05	ug/L	NA
Endrin aldehyde	0	<0.05	ug/L	below
Endrin ketone	NA	<0.05	ug/L	NA
gamma-BHC (Lindane)	0	<0.05	ug/L	below
gamma-Chlordane	NA	<0.05	ug/L	NA
Heptachlor	0	<0.05	ug/L	below
Heptachlor epoxide	NA	<0.05	ug/L	NA

Table E-1. Comparison of Well Purge/Decontamination Water Sample Results to UC Davis Wastewater Treatment Plant Limits

Analyte	POTW Limit	Sample Result	Units	Comparison
Methoxychlor	0	<2	ug/L	below
Toxaphene	NA	<2	ug/L	NA
Radionuclides				
Carbon-14	NA	6.56	PCI/L	NA
Cesium-137	NA	0.363	PCI/L	NA
Radium-226	NA	1.23	PCI/L	NA
Strontium-90	NA	-0.146	PCI/L	NA
Tritium	NA	0.142	PCI/ML	NA
Semivolatile Organic Compounds				
1,2,4-Trichlorobenzene	100	<10	ug/L	below
1,2-Dichlorobenzene	200	<10	ug/L	below
1,3-Dichlorobenzene	1070	<10	ug/L	below
1,4-Dichlorobenzene	7	<10	ug/L	below
2,4,5-Trichlorophenol	NA	<10	ug/L	NA
2,4,6-Trichlorophenol	1400	<10	ug/L	below
2,4-Dichlorophenol	130	<10	ug/L	below
2,4-Dimethylphenol	NA	<10	ug/L	NA
2,4-Dinitrophenol	NA	<50	ug/L	NA
2,4-Dinitrotoluene	NA	<10	ug/L	NA
2,6-Dinitrotoluene	NA	<10	ug/L	NA
2-Chloronaphthalene	2200	<10	ug/L	below
2-Chlorophenol	2800	<10	ug/L	below
2-Methyl-4,6-dinitrophenol	0	<10	ug/L	below
2-Methylnaphthalene	NA	<10	ug/L	NA
2-Nitrophenol	NA	<10	ug/L	NA
3,3'-Dichlorobenzidine	0	<50	ug/L	below
4-Bromophenyl phenyl ether	NA	<10	ug/L	NA
4-Chloro-3-methylphenol	NA	<10	ug/L	NA
4-Chloroaniline	NA	<10	ug/L	NA
4-Chlorophenyl phenyl ether	NA	<10	ug/L	NA
4-Nitrophenol	210	<10	ug/L	below
Acenaphthene	NA	<10	ug/L	NA
Acenaphthylene	NA	<10	ug/L	NA
Aniline	NA	<10	ug/L	NA
Anthracene	NA	<10	ug/L	NA
Azobenzene	NA	<10	ug/L	NA
Benzidine	0	<100	ug/L	below
Benzo(a)anthracene	NA	<10	ug/L	NA
Benzo(a)pyrene	NA	<10	ug/L	NA
Benzo(b)fluoranthene	NA	<10	ug/L	NA
Benzo(ghi)perylene	NA	<10	ug/L	NA
Benzo(k)fluoranthene	NA	<10	ug/L	NA
Benzoic acid	NA	<50	ug/L	NA
Benzyl alcohol	NA	<10	ug/L	NA
bis(2-Chloroethoxy)methane	NA	<10	ug/L	NA
Bis(2-Chloroethyl)ether	NA	<10	ug/L	NA
bis(2-Chloroisopropyl)ether	2000	<10	ug/L	below
bis(2-Ethylhexyl)phthalate	0	<10	ug/L	below
Butylbenzylphthalate	NA	<10	ug/L	NA
Carbazole	NA	<10	ug/L	NA
Chrysene	NA	<10	ug/L	NA
Dibenzo(a,h)anthracene	NA	<10	ug/L	NA
Dibenzofuran	NA	<10	ug/L	NA
Diethylphthalate	75000	<10	ug/L	below

Table E-1. Comparison of Well Purge/Decontamination Water Sample Results to UC Davis Wastewater Treatment Plant Limits

Analyte	POTW Limit	Sample Result	Units	Comparison
Dimethylphthalate	NA	<10	ug/L	NA
Di-n-butylphthalate	1900	<10	ug/L	below
Di-n-octylphthalate	NA	<10	ug/L	NA
Fluoranthene	NA	<10	ug/L	NA
Fluorene	NA	<10	ug/L	NA
Hexachlorobenzene	1	<10	ug/L	below
Hexachlorobutadiene	0	<10	ug/L	below
Hexachlorocyclopentadiene	0	<10	ug/L	below
Hexachloroethane	3	<10	ug/L	below
Indeno(1,2,3-cd)pyrene	NA	<10	ug/L	NA
Isophorone	NA	<10	ug/L	NA
m,p-cresol	NA	<20	ug/L	NA
m-Nitroaniline	NA	<10	ug/L	NA
Naphthalene	1000	<10	ug/L	below
Nitrobenzene	NA	<10	ug/L	NA
N-Nitrosodiphenylamine	NA	<10	ug/L	NA
N-Nitrosodipropylamine	NA	<10	ug/L	NA
o-Cresol	310000	<10	ug/L	below
o-Nitroaniline	NA	<10	ug/L	NA
Pentachlorophenol	NA	<10	ug/L	NA
Phenanthrene	NA	<10	ug/L	NA
Phenol	22000	<10	ug/L	below
p-Nitroaniline	NA	<10	ug/L	NA
Pyrene	NA	<10	ug/L	NA
Pyridine	NA	<20	ug/L	NA
Petroleum Hydrocarbons				
Diesel Range Organics	0	<0.5	mg/L	below
GASOLINE RANGE ORGANICS	0	<0.1	mg/L	below
Motor Oil Range Organics	NA	<0.5	mg/L	NA
Volatile Organic Compounds				
1,1,1-Trichloroethane	NA	<10	ug/L	NA
1,1,2,2-Tetrachloroethane	NA	<10	ug/L	NA
1,1,2-Trichloroethane	NA	<10	ug/L	NA
1,1-Dichloroethane	NA	<10	ug/L	NA
1,1-Dichloroethene	0	<10	ug/L	below
1,2-Dichlorobenzene	200	<10	ug/L	below
1,2-Dichloroethane	NA	<10	ug/L	NA
1,2-Dichloroethene (total)	NA	<20	ug/L	NA
1,2-Dichloropropane	NA	<10	ug/L	NA
1,3-Dichlorobenzene	1070	<10	ug/L	below
1,4-Dichlorobenzene	7	<10	ug/L	below
2-Butanone	NA	<50	ug/L	NA
2-Hexanone	NA	<50	ug/L	NA
4-Methyl-2-pentanone	NA	<50	ug/L	NA
Acetone	1097000	<20	ug/L	below
Benzene	4	<10	ug/L	below
Bromodichloromethane	140	<10	ug/L	below
Bromoform	NA	<10	ug/L	NA
Bromomethane	NA	8.6	ug/L	NA
Carbon disulfide	NA	0.51	ug/L	NA
Carbon tetrachloride	0	<10	ug/L	below
Chlorobenzene	71	<10	ug/L	below
Chlorodibromomethane	130	<10	ug/L	below
Chloroethane	NA	<20	ug/L	NA

Table E-1. Comparison of Well Purge/Decontamination Water Sample Results to UC Davis Wastewater Treatment Plant Limits

Analyte	POTW Limit	Sample Result	Units	Comparison
Chloroform	420	<10	ug/L	below
Chloromethane	NA	2.4	ug/L	NA
cis-1,3-Dichloropropylene	0.7	<10	ug/L	below
Ethylbenzene	1600	<10	ug/L	below
Formaldehyde	70	50	ug/L	below
Methylene chloride	100	4.4	ug/L	below
Styrene	NA	<10	ug/L	NA
Tetrachloroethylene	NA	<10	ug/L	NA
Toluene	970	<10	ug/L	below
trans-1,3-Dichloropropene	NA	<10	ug/L	NA
Trichloroethene	NA	<10	ug/L	NA
Vinyl chloride	NA	<20	ug/L	NA
Xylenes (total)	2000	<30	ug/L	below
	Sample CWMW0002 [3]			
General Chemistry				
Ammonia Nitrogen	540000	105	ug/L	below
BOD, 5 DAY	NA	32.8	mg/L	NA
Cyanide, Reactive	20	4.2	ug/L	below
Hexavalent Chromium	59	3.7	ug/L	below
Total Suspended Solids	NA	3	mg/L	NA
Metals				
Antimony	8	<5	ug/L	below
Arsenic	8	2.5	ug/L	below
Barium	700	75.6	ug/L	below
Beryllium	4	<0.5	ug/L	below
Cadmium	6	0.16	ug/L	below
Chromium	200	4.6	ug/L	below
Cobalt	1200	1.2	ug/L	below
Copper	0	1.9	ug/L	ABOVE [1]
Lead	21	1.6	ug/L	below
Mercury	0	<0.2	ug/L	below
Molybdenum	8.5	2.8	ug/L	below
Nickel	100	2.7	ug/L	below
Selenium	4	1.7	ug/L	below
Silver	1	<2	ug/L	below
Thallium	2	2.4	ug/L	ABOVE [2]
Vanadium	540	6.6	ug/L	below
Zinc	470	164	ug/L	below
Pesticides/Polychlorinated biphenyls				
4,4'-DDD	0	<0.05	ug/L	below
4,4'-DDE	0	<0.05	ug/L	below
4,4'-DDT	0	<0.05	ug/L	below
Aldrin	4	<0.05	ug/L	below
alpha-BHC	0	<0.05	ug/L	below
alpha-Chlordane	0	<0.05	ug/L	below
Aroclor-1016	NA	<1	ug/L	NA
Aroclor-1221	NA	<1	ug/L	NA
Aroclor-1232	NA	<1	ug/L	NA
Aroclor-1242	NA	<1	ug/L	NA
Aroclor-1248	NA	<1	ug/L	NA
Aroclor-1254	NA	<1	ug/L	NA
Aroclor-1260	NA	<1	ug/L	NA

Table E-1. Comparison of Well Purge/Decontamination Water Sample Results to UC Davis Wastewater Treatment Plant Limits

Analyte	POTW Limit	Sample Result	Units	Comparison
beta-BHC	0	<0.05	ug/L	below
Chlordane	NA	<0.5	ug/L	NA
delta-BHC	0.11	<0.05	ug/L	below
Dieldrin	0	<0.05	ug/L	below
Endosulfan I	0	<0.05	ug/L	below
Endosulfan II	0	<0.05	ug/L	below
Endosulfan sulfate	0	<0.05	ug/L	below
Endrin	NA	<0.05	ug/L	NA
Endrin aldehyde	0	<0.05	ug/L	below
Endrin ketone	NA	<0.05	ug/L	NA
gamma-BHC (Lindane)	0	<0.05	ug/L	below
gamma-Chlordane	NA	<0.05	ug/L	NA
Heptachlor	0	<0.05	ug/L	below
Heptachlor epoxide	NA	<0.05	ug/L	NA
Methoxychlor	0	<2	ug/L	below
Toxaphene	NA	<2	ug/L	NA
Radionuclides				
Carbon-14	NA	6.12	PCI/L	NA
Cesium-137	NA	-0.151	PCI/L	NA
Radium-226	NA	1.22	PCI/L	NA
Strontium-90	NA	0.122	PCI/L	NA
Tritium	NA	0.0949	PCI/ML	NA
Semivolatile Organic Compounds				
1,2,4-Trichlorobenzene	100	<10	ug/L	below
1,2-Dichlorobenzene	200	<10	ug/L	below
1,3-Dichlorobenzene	1070	<10	ug/L	below
1,4-Dichlorobenzene	7	<10	ug/L	below
2,4,5-Trichlorophenol	NA	<10	ug/L	NA
2,4,6-Trichlorophenol	1400	<10	ug/L	below
2,4-Dichlorophenol	130	<10	ug/L	below
2,4-Dimethylphenol	NA	<10	ug/L	NA
2,4-Dinitrophenol	NA	<50	ug/L	NA
2,4-Dinitrotoluene	NA	<10	ug/L	NA
2,6-Dinitrotoluene	NA	<10	ug/L	NA
2-Chloronaphthalene	2200	<10	ug/L	below
2-Chlorophenol	2800	<10	ug/L	below
2-Methyl-4,6-dinitrophenol	0	<10	ug/L	below
2-Methylnaphthalene	NA	<10	ug/L	NA
2-Nitrophenol	NA	<10	ug/L	NA
3,3'-Dichlorobenzidine	0	<50	ug/L	below
4-Bromophenyl phenyl ether	NA	<10	ug/L	NA
4-Chloro-3-methylphenol	NA	<10	ug/L	NA
4-Chloroaniline	NA	<10	ug/L	NA
4-Chlorophenyl phenyl ether	NA	<10	ug/L	NA
4-Nitrophenol	210	<10	ug/L	below
Acenaphthene	NA	<10	ug/L	NA
Acenaphthylene	NA	<10	ug/L	NA
Aniline	NA	<10	ug/L	NA
Anthracene	NA	<10	ug/L	NA
Azobenzene	NA	<10	ug/L	NA
Benzidine	0	<100	ug/L	below
Benzo(a)anthracene	NA	<10	ug/L	NA
Benzo(a)pyrene	NA	<10	ug/L	NA
Benzo(b)fluoranthene	NA	<10	ug/L	NA

Table E-1. Comparison of Well Purge/Decontamination Water Sample Results to UC Davis Wastewater Treatment Plant Limits

Analyte	POTW Limit	Sample Result	Units	Comparison
Benzo(ghi)perylene	NA	<10	ug/L	NA
Benzo(k)fluoranthene	NA	<10	ug/L	NA
Benzoic acid	NA	<50	ug/L	NA
Benzyl alcohol	NA	<10	ug/L	NA
bis(2-Chloroethoxy)methane	NA	<10	ug/L	NA
Bis(2-Chloroethyl)ether	NA	<10	ug/L	NA
bis(2-Chloroisopropyl)ether	2000	<10	ug/L	below
bis(2-Ethylhexyl)phthalate	0	<10	ug/L	below
Butylbenzylphthalate	NA	<10	ug/L	NA
Carbazole	NA	<10	ug/L	NA
Chrysene	NA	<10	ug/L	NA
Dibenzo(a,h)anthracene	NA	<10	ug/L	NA
Dibenzofuran	NA	<10	ug/L	NA
Diethylphthalate	75000	<10	ug/L	below
Dimethylphthalate	NA	<10	ug/L	NA
Di-n-butylphthalate	1900	<10	ug/L	below
Di-n-octylphthalate	NA	<10	ug/L	NA
Fluoranthene	NA	<10	ug/L	NA
Fluorene	NA	<10	ug/L	NA
Hexachlorobenzene	1	<10	ug/L	below
Hexachlorobutadiene	0	<10	ug/L	below
Hexachlorocyclopentadiene	0	<10	ug/L	below
Hexachloroethane	3	<10	ug/L	below
Indeno(1,2,3-cd)pyrene	NA	<10	ug/L	NA
Isophorone	NA	<10	ug/L	NA
m,p-cresol	NA	<20	ug/L	NA
m-Nitroaniline	NA	<10	ug/L	NA
Naphthalene	1000	<10	ug/L	below
Nitrobenzene	NA	<10	ug/L	NA
N-Nitrosodiphenylamine	NA	<10	ug/L	NA
N-Nitrosodipropylamine	NA	<10	ug/L	NA
o-Cresol	310000	<10	ug/L	below
o-Nitroaniline	NA	<10	ug/L	NA
Pentachlorophenol	NA	<10	ug/L	NA
Phenanthrene	NA	<10	ug/L	NA
Phenol	22000	<10	ug/L	below
p-Nitroaniline	NA	<10	ug/L	NA
Pyrene	NA	<10	ug/L	NA
Pyridine	NA	<20	ug/L	NA
Petroleum Hydrocarbons				
Diesel Range Organics	0	<0.5	mg/L	below
GASOLINE RANGE ORGANICS	0	<0.1	mg/L	below
Motor Oil Range Organics	NA	<0.5	mg/L	NA
Volatile Organic Compounds				
1,1,1-Trichloroethane	NA	<10	ug/L	NA
1,1,2,2-Tetrachloroethane	NA	<10	ug/L	NA
1,1,2-Trichloroethane	NA	<10	ug/L	NA
1,1-Dichloroethane	NA	<10	ug/L	NA
1,1-Dichloroethene	0	<10	ug/L	below
1,2-Dichlorobenzene	200	<10	ug/L	below
1,2-Dichloroethane	NA	<10	ug/L	NA
1,2-Dichloroethene (total)	NA	<20	ug/L	NA
1,2-Dichloropropane	NA	<10	ug/L	NA
1,3-Dichlorobenzene	1070	<10	ug/L	below

Table E-1. Comparison of Well Purge/Decontamination Water Sample Results to UC Davis Wastewater Treatment Plant Limits

Analyte	POTW Limit	Sample Result	Units	Comparison
1,4-Dichlorobenzene	7	<10	ug/L	below
2-Butanone	NA	<50	ug/L	NA
2-Hexanone	NA	<50	ug/L	NA
4-Methyl-2-pentanone	NA	<50	ug/L	NA
Acetone	1097000	<20	ug/L	below
Benzene	4	<10	ug/L	below
Bromodichloromethane	140	<10	ug/L	below
Bromoform	NA	<10	ug/L	NA
Bromomethane	NA	<20	ug/L	NA
Carbon disulfide	NA	<10	ug/L	NA
Carbon tetrachloride	0	<10	ug/L	below
Chlorobenzene	71	<10	ug/L	below
Chlorodibromomethane	130	<10	ug/L	below
Chloroethane	NA	<20	ug/L	NA
Chloroform	420	<10	ug/L	below
Chloromethane	NA	1.4	ug/L	NA
cis-1,3-Dichloropropylene	0.7	<10	ug/L	below
Ethylbenzene	1600	<10	ug/L	below
Formaldehyde	70	<50	ug/L	below
Methylene chloride	100	4.3	ug/L	below
Styrene	NA	<10	ug/L	NA
Tetrachloroethylene	NA	<10	ug/L	NA
Toluene	970	<10	ug/L	below
trans-1,3-Dichloropropene	NA	<10	ug/L	NA
Trichloroethene	NA	<10	ug/L	NA
Vinyl chloride	NA	<20	ug/L	NA
Xylenes (total)	2000	<30	ug/L	below

Notes
1 Copper slightly above highest concentration in background well UCD1-018 (1.7 ug/L)
2 Average of primary and field duplicate is below POTW limit.
3 Sample CWMW0002 is field duplicate of CWMW0001

Abbreviations

POTW Limit	UC Davis Wastewater Treatment Plant Local Limit
NA	POTW limit not available
ug/L	micrograms per liter
mg/L	milligrams per liter
<n	analyte not detected above reporting limit of "n"

Appendix F

Groundwater Monitoring Program Data Summary and Time-Series Concentration Plots for Constituents of Concern

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Table F-1. Groundwater Monitoring Program Data Summary for Constituents of Concern

Well	Analyte	Detection Frequency	Concentration Units	Concentration Range	Comparison Criteria (CC)	Number of Results Above	95% UCL	WQC	95% UCL or Max[a] >WQC	Comments
COCs with Baseline Concentrations > Background (CC=Baseline)										
UCD1-021	Nitrate as N	17 / 17	mg/L	20–30	27	9	28	10	Yes	Minor exceedance of baseline; no increasing
UCD1-023	Carbon-14	20 / 20	pCi/L	11–45.7	22.1	10	32	200	No	
UCD1-054	Mercury	3 / 13	µg/L	0.0348–0.072	0.072 J	1	NA	2	No	
UCD1-068	Selenium	28 / 28	µg/L	1.53–3.98	2.24	13	2.7	50	No	
UCD1-070	Carbon-14	25 / 26	pCi/L	6.47–48.5	18.9	11	24	200	No	
UCD1-071	Chromium	14 / 14	µg/L	34.8–58.7	49.1	3	47	50	No	
UCD1-071	Chromium (Hexavalent)	19 / 19	µg/L	21–62	47	6	48	50	No	
UCD1-071	Mercury	4 / 17	µg/L	0.0518–0.219	0.0658 J	2	NA	2	No	
UCD1-072	Nitrate as N	18 / 18	mg/L	18–26	23	1	22	10	Yes	Minor exceedance of baseline; no increasing
COCs with Baseline Concentrations ≤ Background (CC= Background)										
UCD1-021	Carbon-14	0 / 12	pCi/L	< 7	< 7	0	NA	200	No	
UCD1-021	Radium-226	6 / 15	pCi/L	0.292–0.928	1.17	0	NA	5	No	
UCD1-023	Nitrate as N	12 / 12	mg/L	1.1–5.1	15	0	4.5	10	No	
UCD1-054	Cesium-137	0 / 13	pCi/L	< 2.76	< 5	0	NA	200	No	
UCD1-054	Chromium	13 / 13	µg/L	6.28–13.6	43.7	0	11	50	No	
UCD1-054	Chromium (Hexavalent)	13 / 13	µg/L	5.1–12	40	0	9.8	50	No	
UCD1-054	Molybdenum	13 / 13	µg/L	2.26–3.11	3.13	0	2.9	100	No	
UCD1-054	Silver	0 / 13	µg/L	< 1	< 1	0	NA	10	No	
UCD1-054	Strontium-90	0 / 13	pCi/L	< 0.603	< 1	0	NA	8	No	
UCD1-068	Carbon-14	1 / 16	pCi/L	6.32	< 7	0	NA	200	No	
UCD1-068	Nitrate as N	15 / 15	mg/L	6.2–13	15	0	11	10	Yes	Below site background
UCD1-068	Radium-226	7 / 18	pCi/L	0.308–2.04	1.17	3	NA	5	No	
UCD1-069	Formaldehy	1 / 14	mg/L	0.012	13 J	0	NA	100[c]	No	
UCD1-069	Molybdenum	12 / 12	µg/L	1.03–1.81	3.13	0	1.6	100[b]	No	

Well	Analyte	Detection Frequency	Concentration Units	Concentration Range	Comparison Criteria (CC)	Number of Results Above	95% UCL	WQC	95% UCL or Max[a] >WQC	Comments
COCs with Baseline Concentrations ≤ Background (CC= Background)										
UCD1-069	Nitrate as N	14 / 14	mg/L	3.1–14	15	0	11	10	Yes	Below site background
UCD1-070	Nitrate as N	13 / 13	mg/L	0.99–3	15	0	2.1	10	No	
UCD1-071	Cesium-137	0 / 13	pCi/L	< 3.46	< 5	0	NA	200	No	
UCD1-071	Molybdenum	13 / 13	µg/L	0.6–3.29	3.13	1	1.3	100[b]	No	
UCD1-071	Silver	0 / 13	µg/L	< 1	< 1	0	NA	100	No	
UCD1-071	Strontium-90	0 / 13	pCi/L	< 0.436	< 1	0	NA	8	No	
UCD1-072	Carbon-14	0 / 15	pCi/L	< 7	< 7	0	NA	2000	No	
UCD1-072	Radium-226	6 / 17	pCi/L	0.32–4.6	1.17	1	NA	5	No	

Notes:
[a] 95% UCL compared to water quality criterion when available, otherwise Max compared to water quality criterion
[b] U.S. Environmental Protection Agency Regional Screening Level (RSL)
[c] California notification level
Summary based on samples collected between March 2011 (program start) and April 2020 (most recent samples).
Detection frequency includes duplicate samples.
MCLs are used as the water quality criterion unless noted.

Abbreviations:
95% UCL = 95 upper confidence level on the mean
COC = constituent of concern
Max = maximum concentration
MCL = maximum contaminant level
mg/L = milligrams per liter
pCi/L = picocuries per liter
RSL = Regional Screening Level
µg/L = micrograms per liter
WQC = water quality criterion
NA = UCL not available; the number of detected sample results was insufficient to determine a reliable UCL.

References:
EPA (U.S. Environmental Protection Agency), 2000. Table D.2, Radionuclide Drinking Water MCLs, Soil Screening Guidance for Radionuclides: User's Guide, EPA/540-R-00-007, October.
EPA (U.S. Environmental Protection Agency), 2020. Regional Screening Level (RSL) - Generic Tables, Summary Table (TR=1E-6, HQ=1), https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables, last updated on May 1, 2020, accessed June 26, 2020.
SWRCB (State Water Resource Control Board), 2015. Division of Drinking Water (DDW), Drinking Water Notification Levels and Response Levels: An Overview. http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/notificationlevels/notificationlevels.pdf, last updated February 4, 2015, accessed April 1, 2020.
SWRCB (State Water Resource Control Board), 2018a. Maximum Contaminant Levels and Regulatory Dates for Drinking Water, U.S. EPA vs California, https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/ccr/mcls_epa_vs_dwp.pdf, last updated October 2018, accessed June 26, 2020.
SWRCB (State Water Resource Control Board), 2018b. Secondary Drinking Water Standards, https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/ddw_secondary_standards.pdf, last updated October 1, 2018, accessed June 29, 2020.

Attachment F-1

Time-Series Concentration Plots for Groundwater Constituents of Concern with Baseline Concentrations Greater than Background

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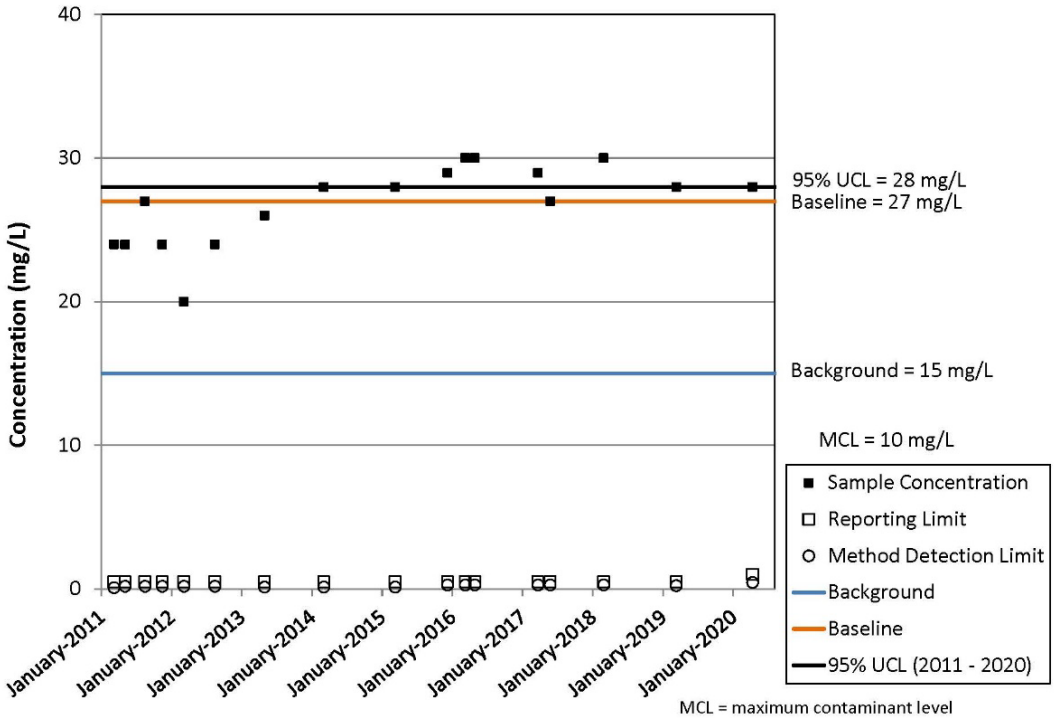
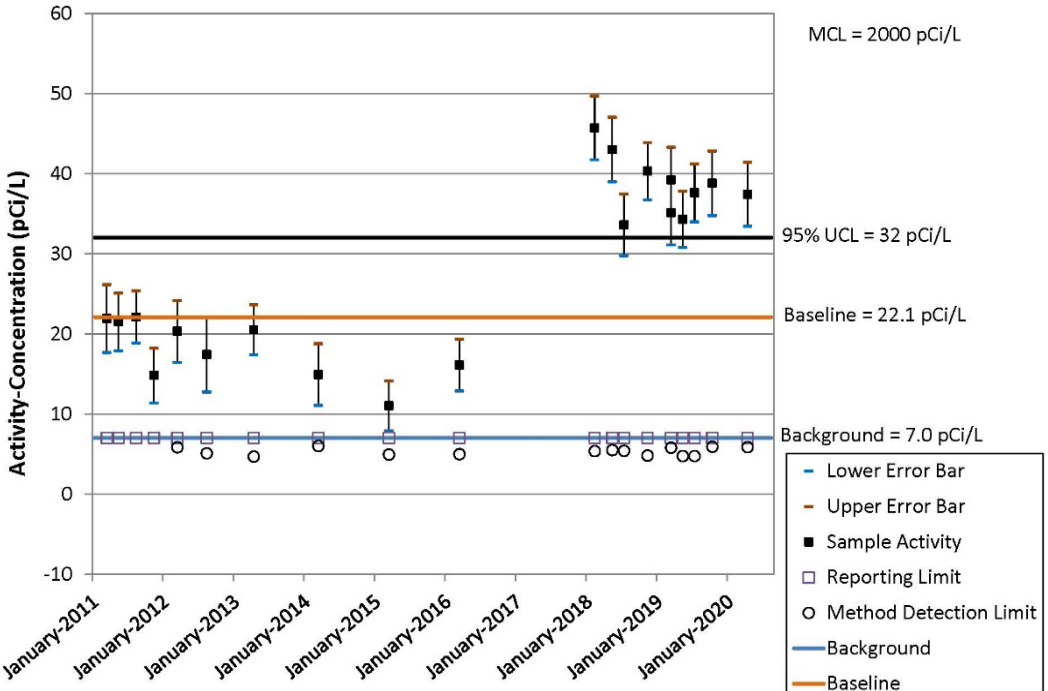


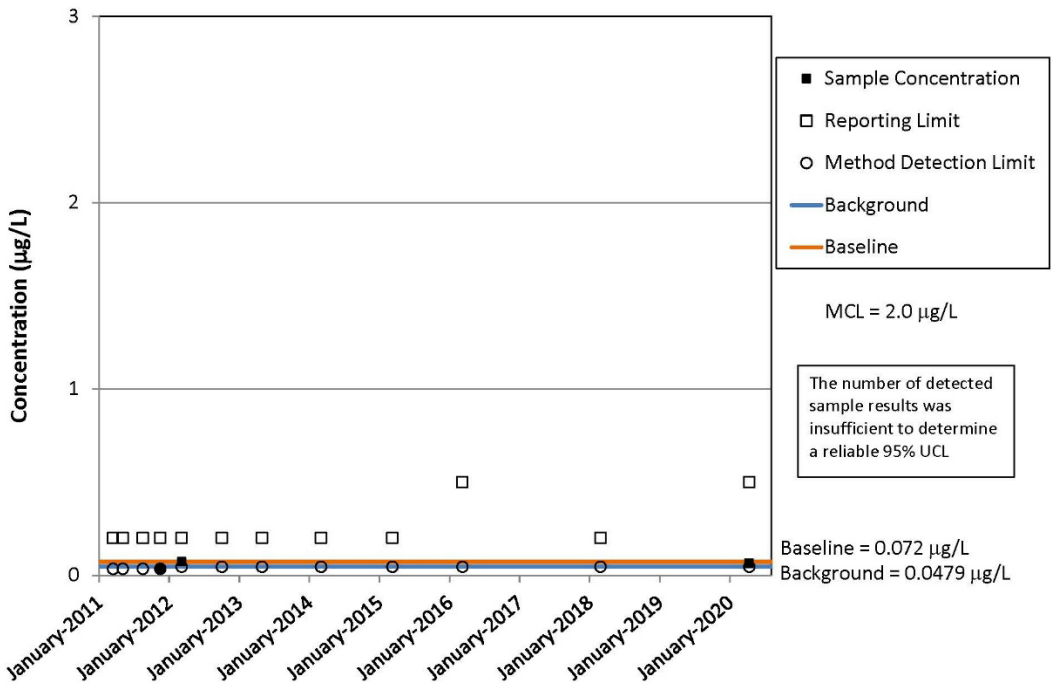
MCL = maximum contaminant level
mg/L = milligrams per liter
not detected if sample concentration not shown

Nitrate in Well UCD1-021



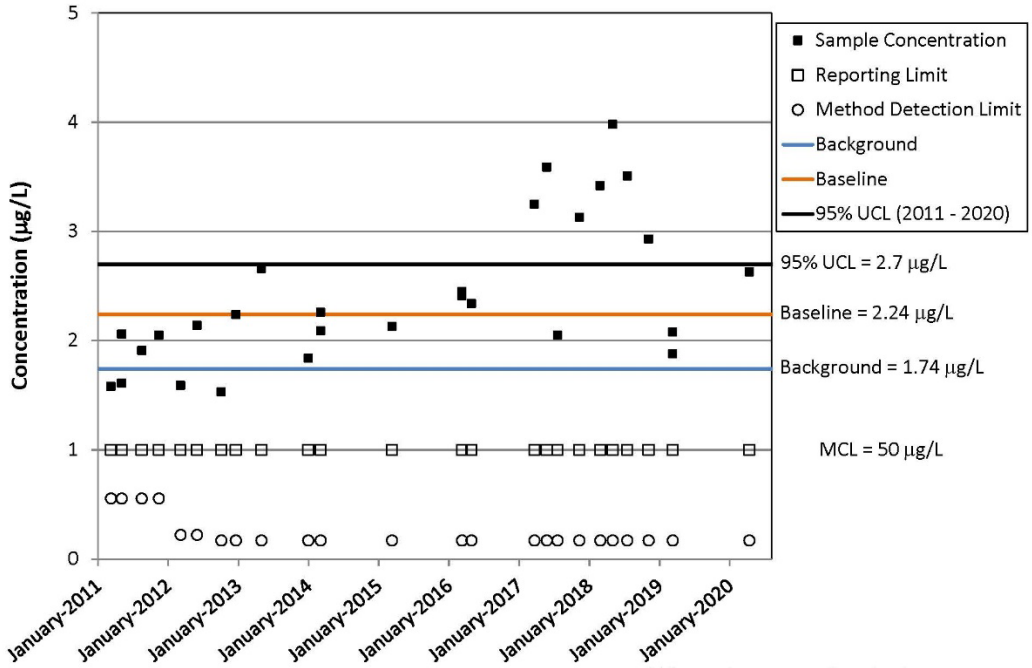
Carbon-14 in Well UCD1-023

MCL = maximum contaminant level
pCi/L = picocuries per liter



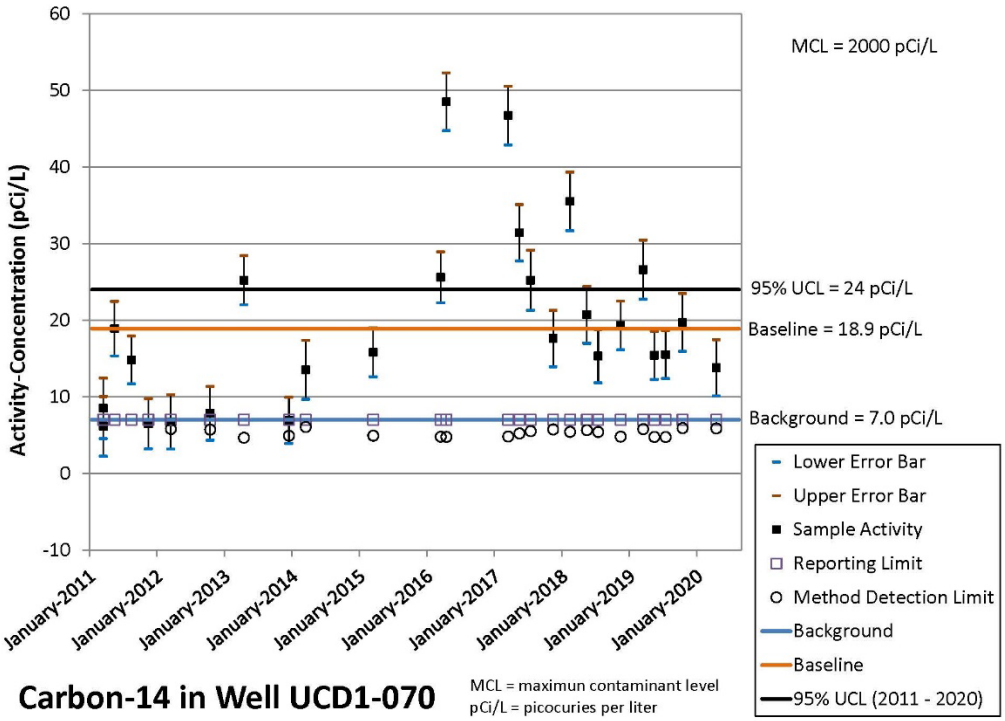
Mercury in Well UCD1-054

MCL = maximum contaminant level
µg/L = micrograms per liter
not detected if sample concentration not shown



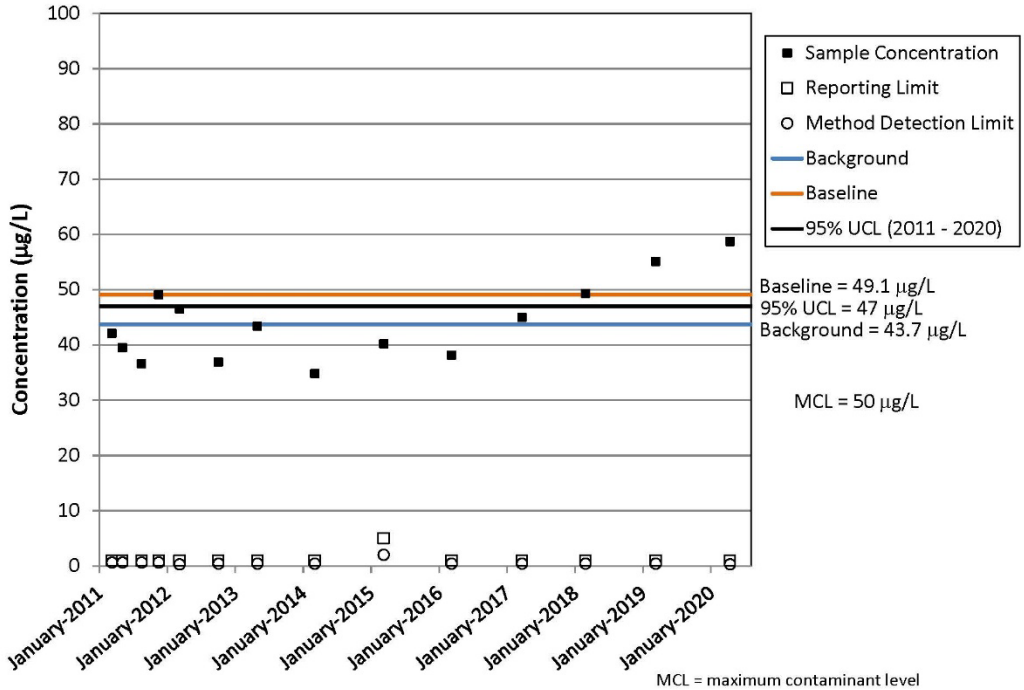
Selenium in Well UCD1-068

MCL = maximum contaminant level
µg/L = micrograms per liter
not detected if sample concentration not shown



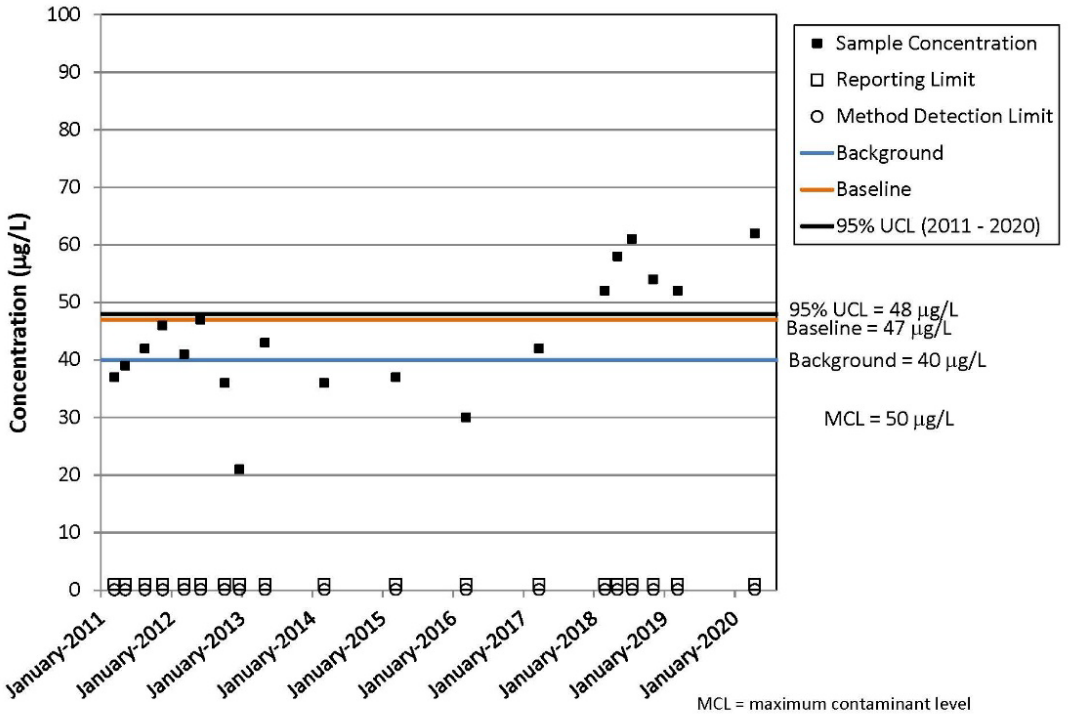
Carbon-14 in Well UCD1-070

MCL = maximun contaminant level
pCi/L = picocuries per liter



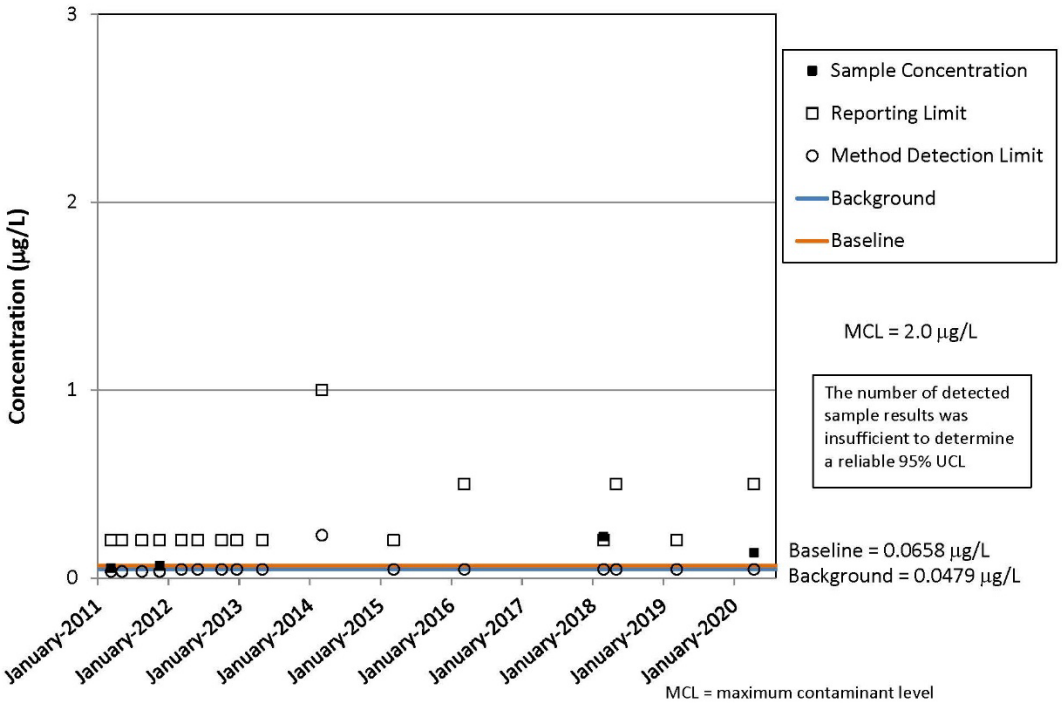
Chromium in Well UCD1-071

MCL = maximum contaminant level
µg/L = micrograms per liter
not detected if sample concentration not shown



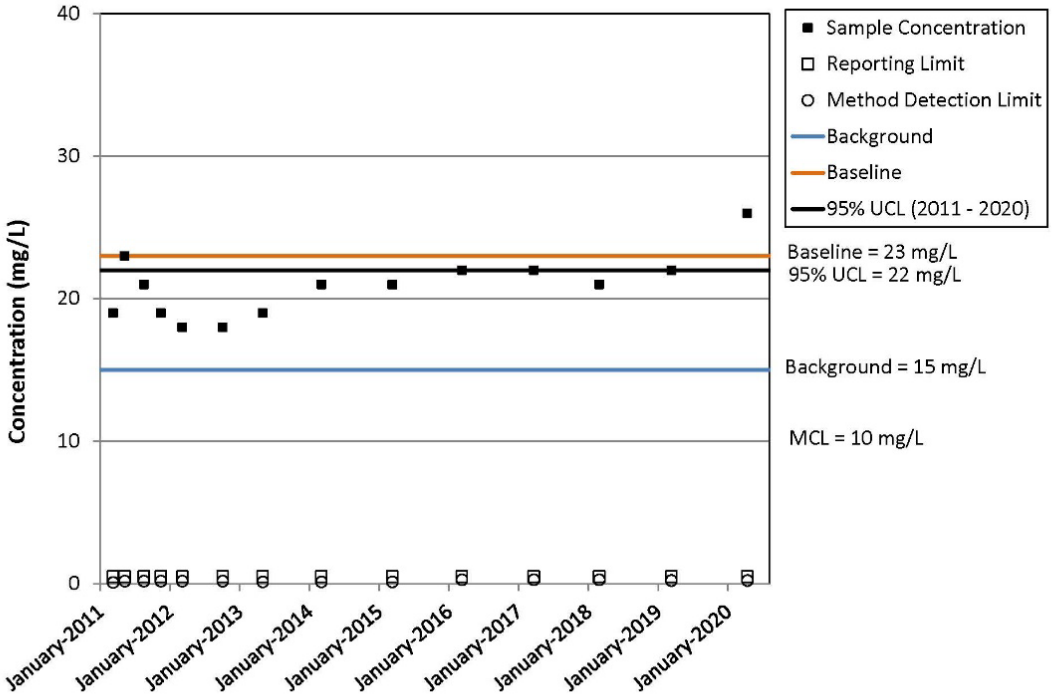
MCL = maximum contaminant level
µg/L = micrograms per liter
not detected if sample concentration not shown

Hexavalent Chromium in Well UCD1-071



MCL = maximum contaminant level
µg/L = micrograms per liter
not detected if sample concentration not shown

Mercury in Well UCD1-071



Nitrate in Well UCD1-072

MCL = maximum contaminant level
mg/L = milligrams per liter
not detected if sample concentration not shown

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Attachment F-2

Time-Series Concentration Plots for Groundwater Constituents of Concern with Baseline Concentrations Less than or Equal to Background or Not Detected

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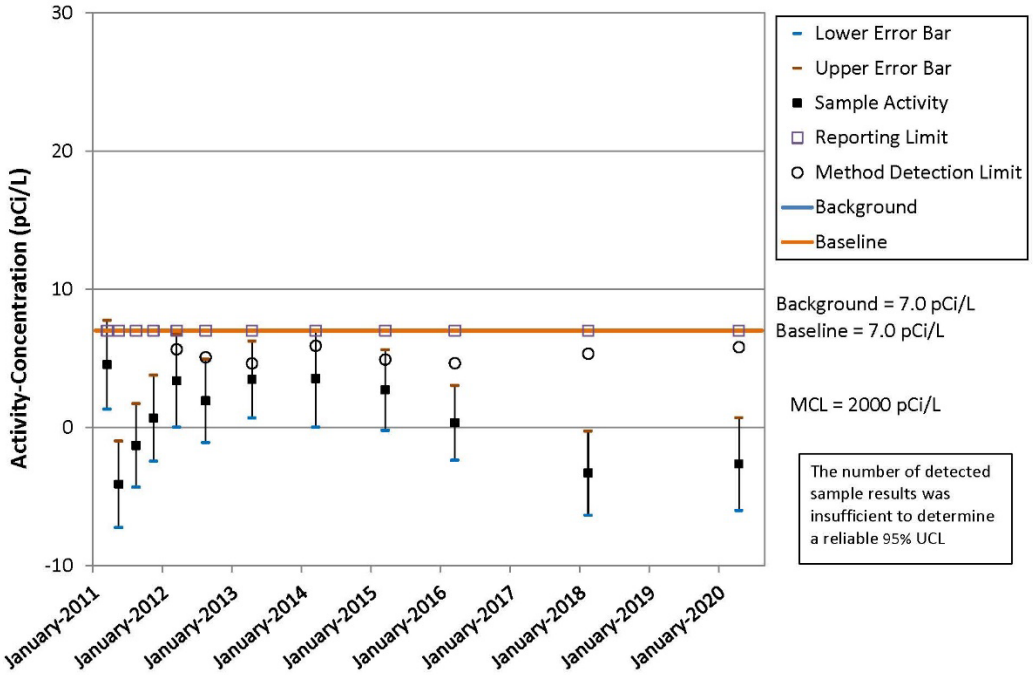
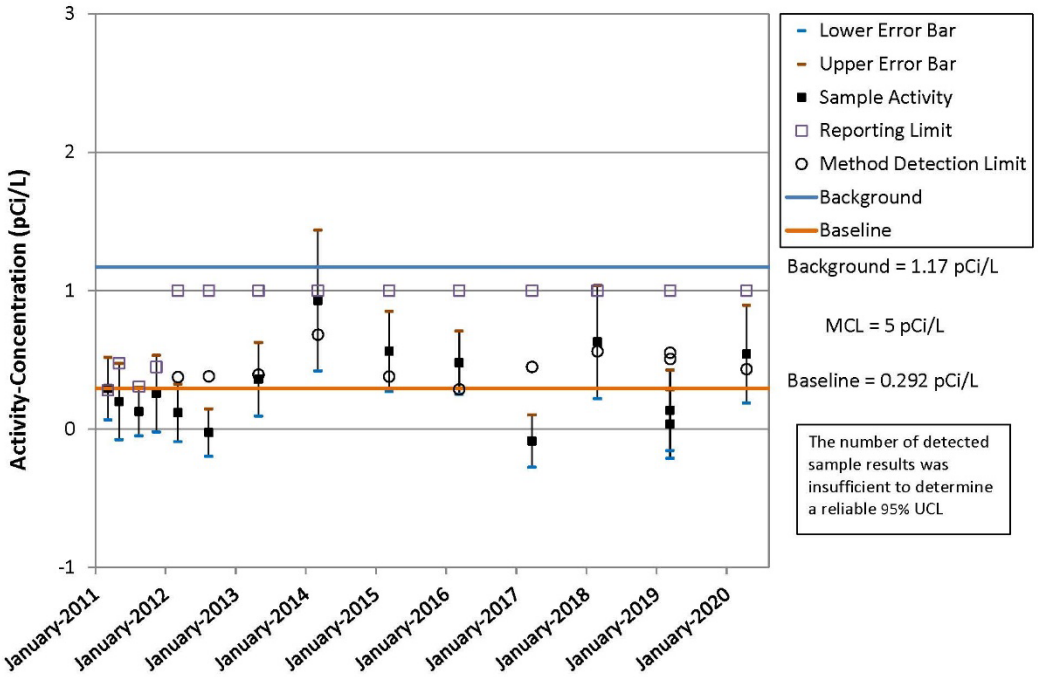


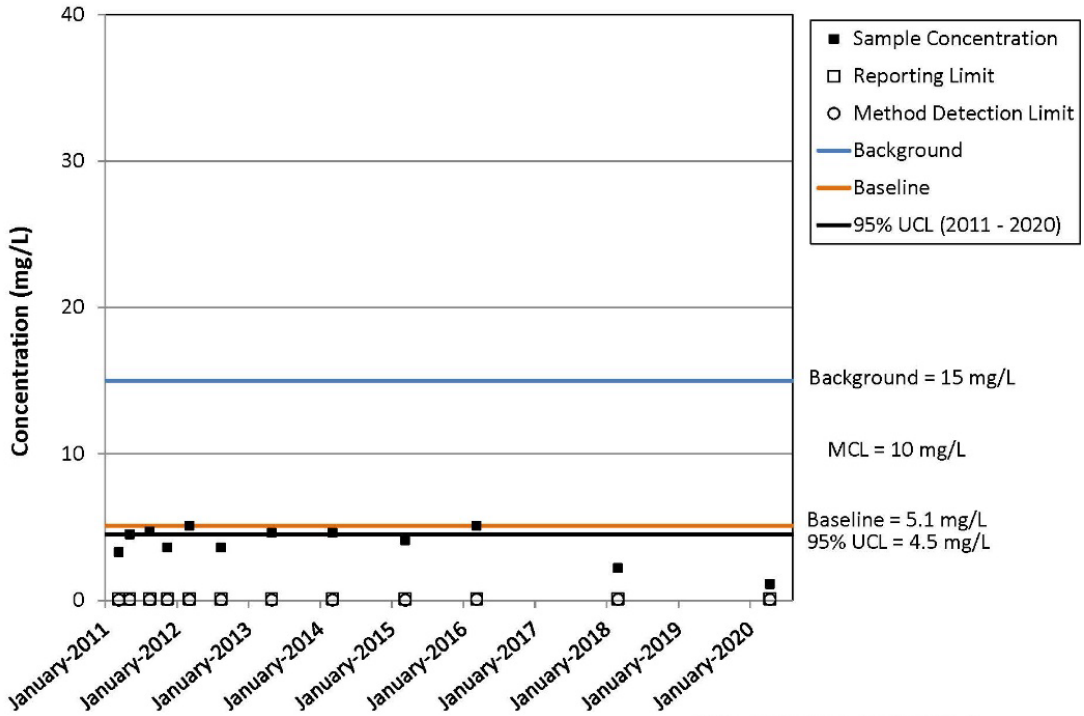
Carbon-14 in Well UCD1-021

MCL = maximum contaminant level
pCi/L = picocuries per liter



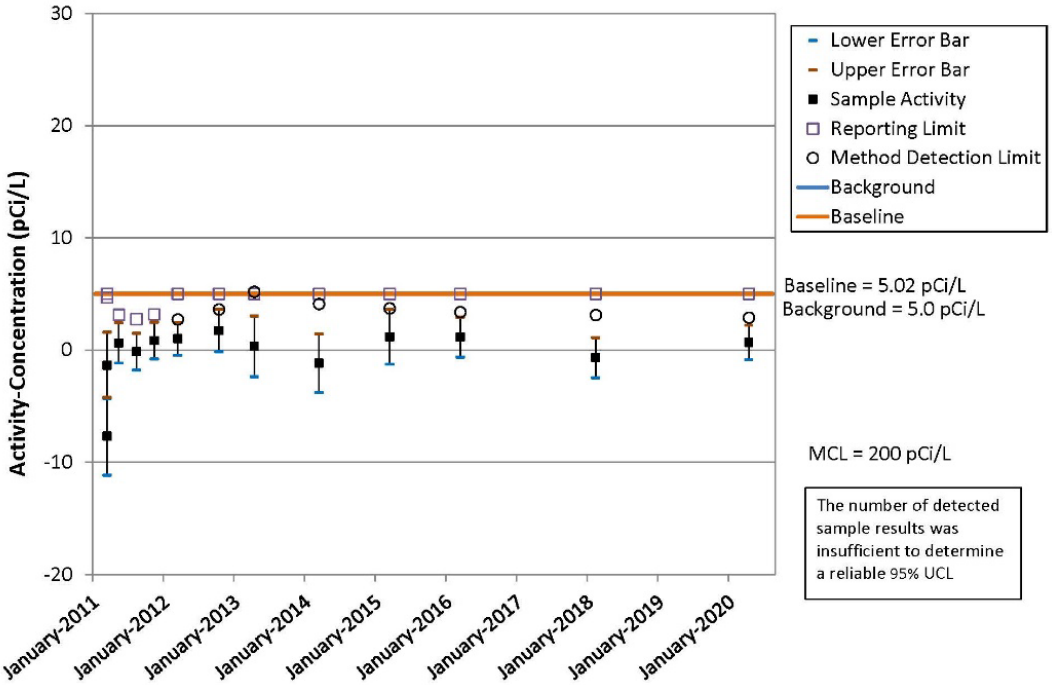
Radium-226 in Well UCD1-021

MCL = maximum contaminant level
pCi/L = picocuries per liter



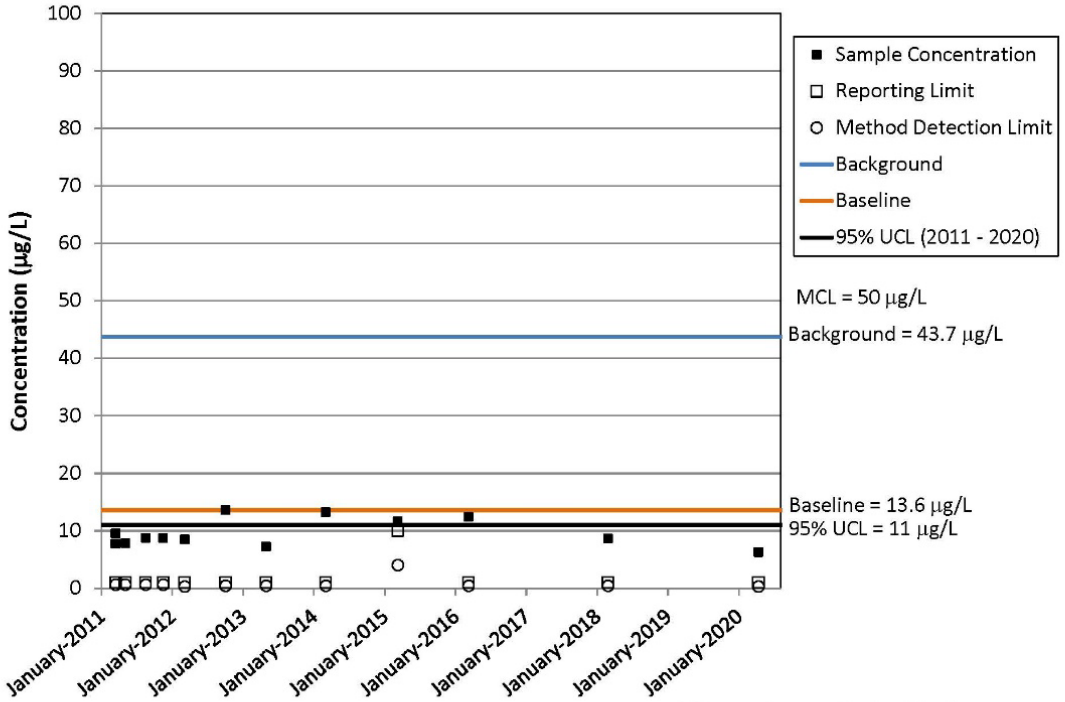
Nitrate in Well UCD1-023

MCL = maximum contaminant level
mg/L = milligrams per liter
not detected if sample concentration not shown



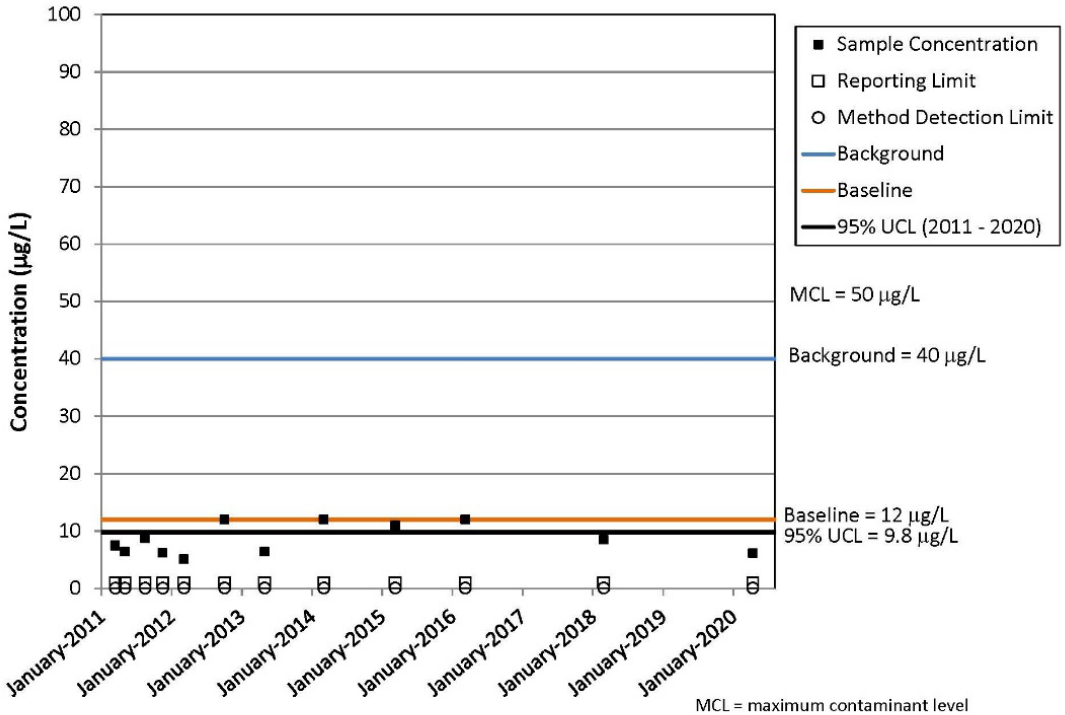
Cesium-137 in Well UCD1-054

MCL = maxiimum contaminant level
pCi/L = picocuries per liter



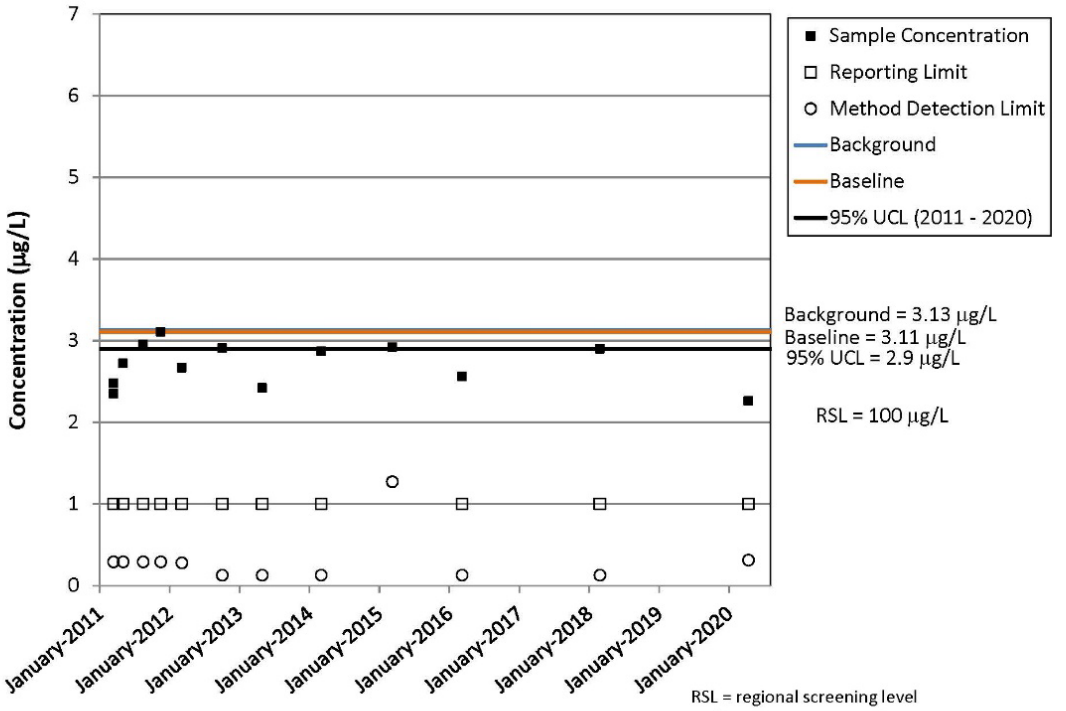
Chromium in Well UCD1-054

MCL = maximum contaminant level
µg/L = micrograms per liter
not detected if sample concentration not shown



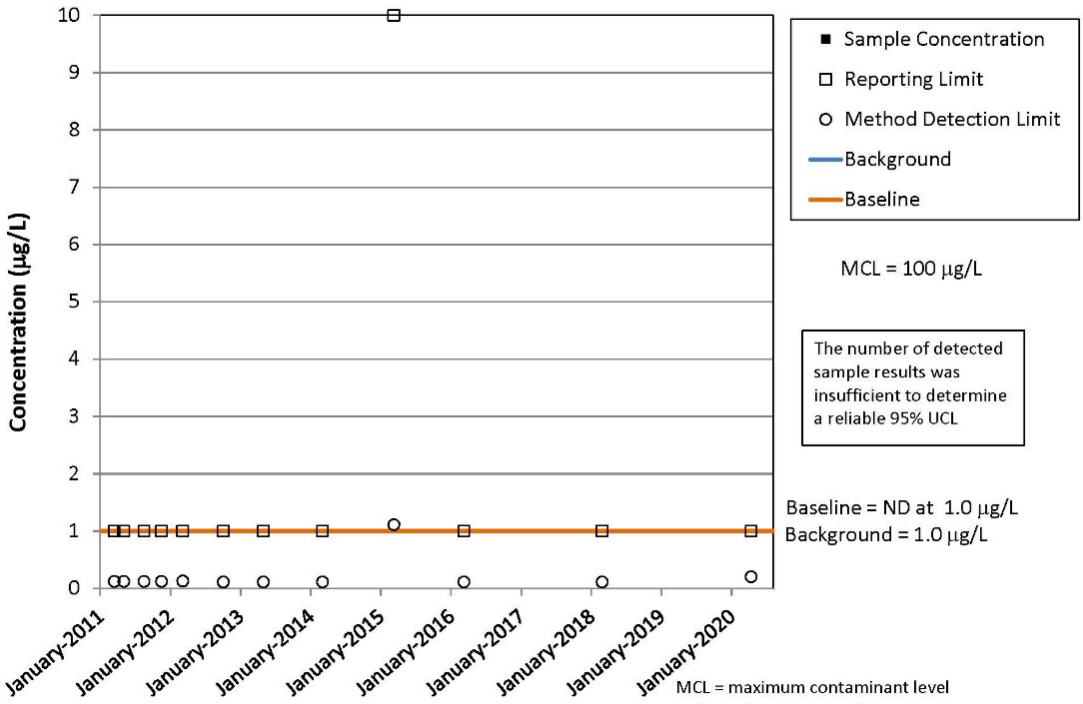
Hexavalent Chromium in Well UCD1-054

MCL = maximum contaminant level
µg/L = micrograms per liter
not detected if sample concentration not shown



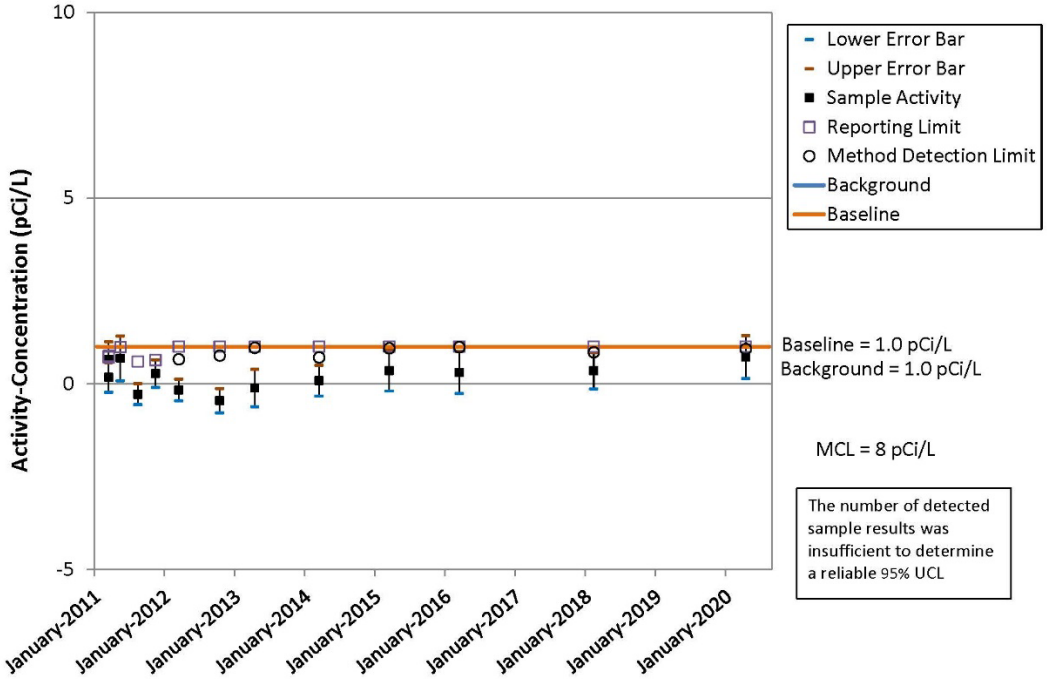
RSL = regional screening level
µg/L = micrograms per liter
not detected if sample concentration not shown

Molybdenum in Well UCD1-054



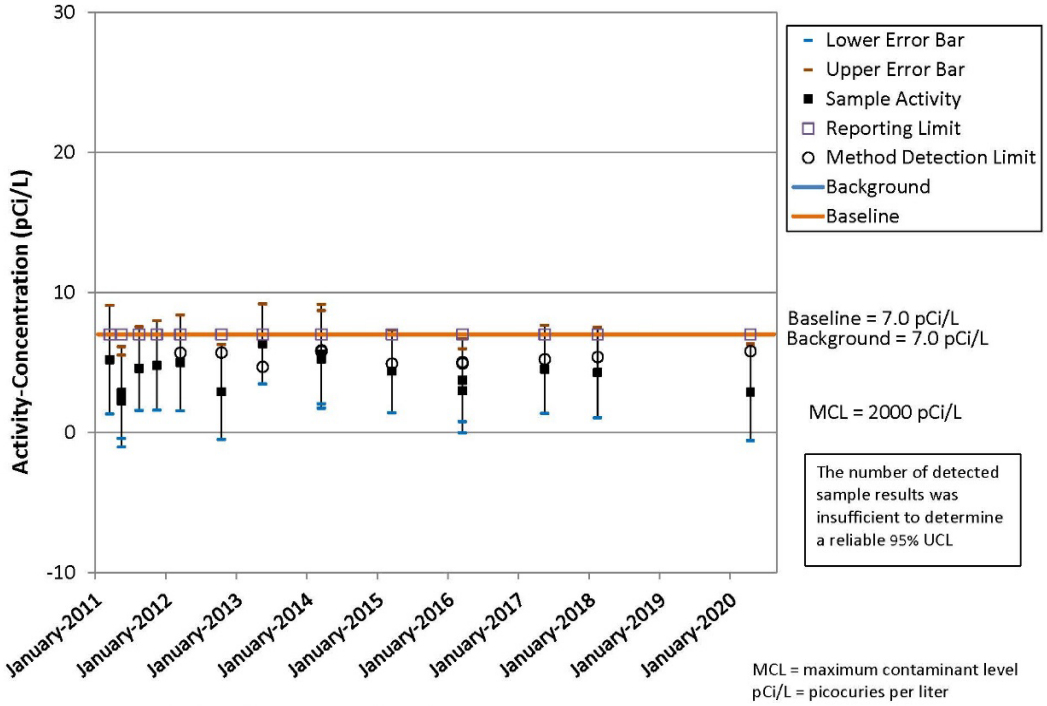
MCL = maximum contaminant level
µg/L = micrograms per liter
ND = not detected
not detected if sample concentration not shown

Silver in Well UCD1-054



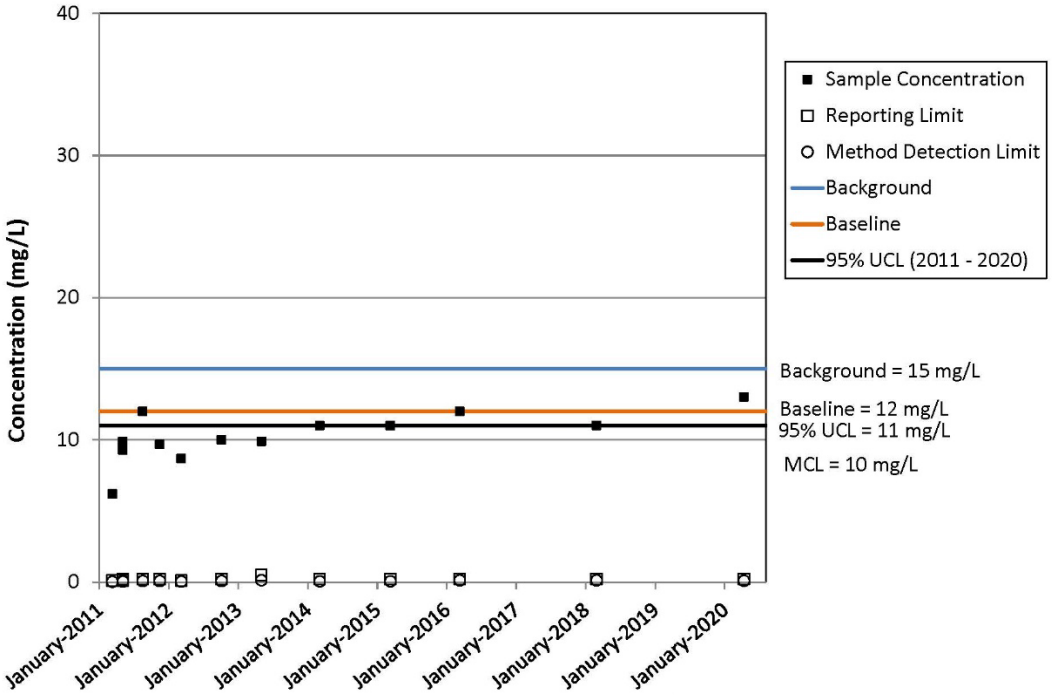
Strontium-90 in Well UCD1-054

MCL = maximum contaminant level



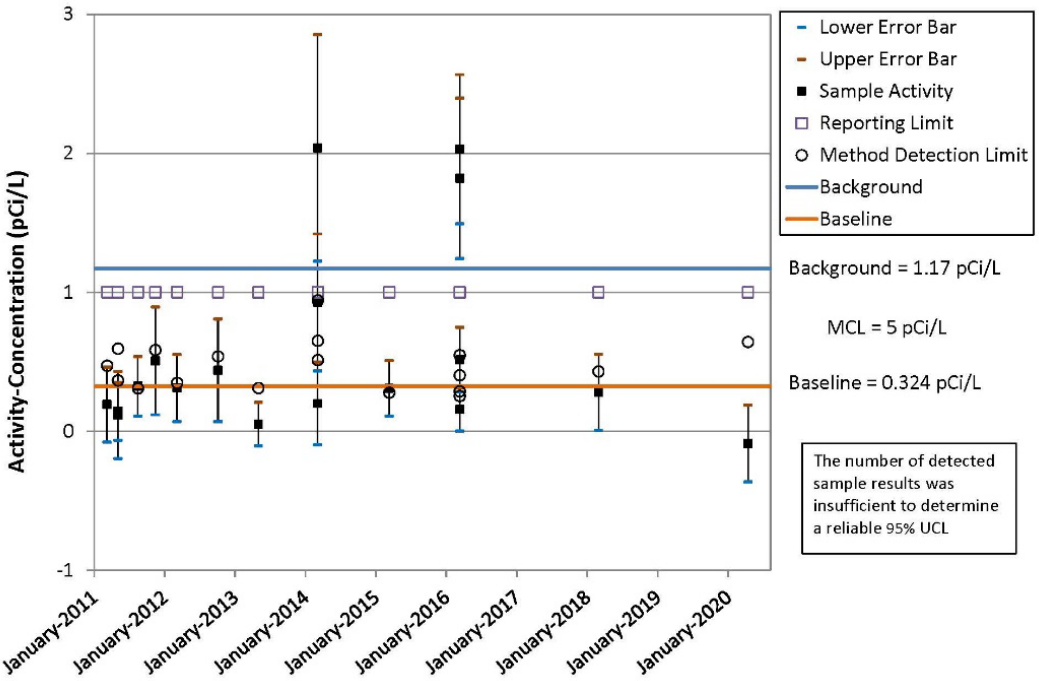
MCL = maximum contaminant level
pCi/L = picocuries per liter

Carbon-14 in Well UCD1-068



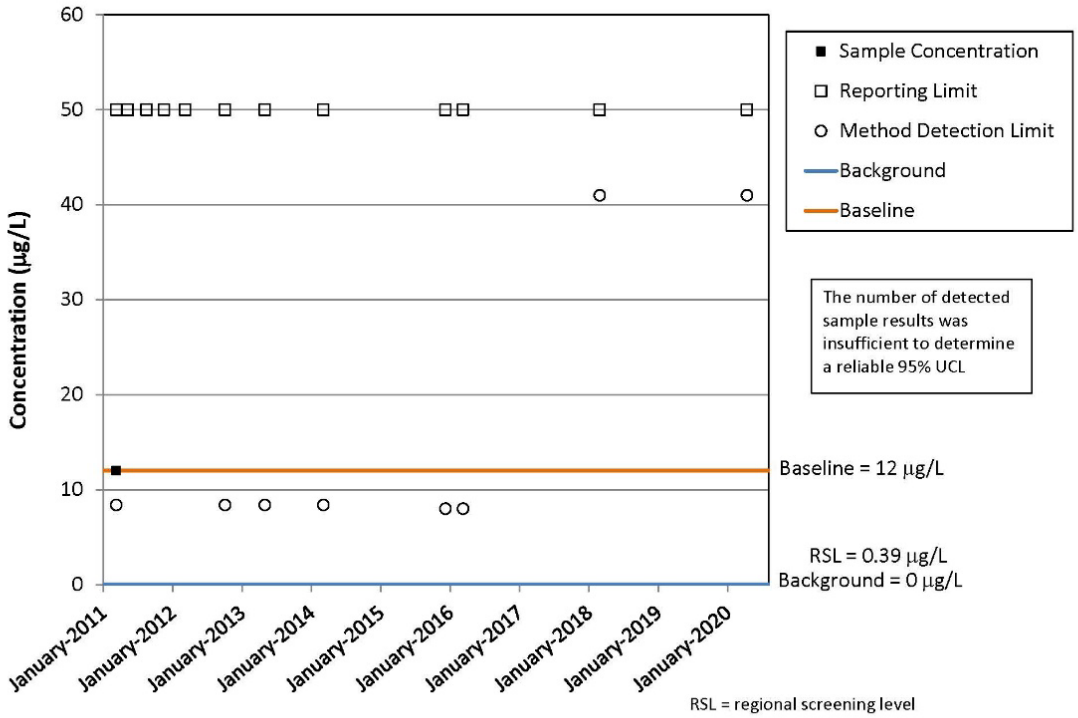
Nitrate in Well UCD1-068

MCL = maximum contaminant level
mg/L = milligrams per liter
not detected if sample concentration not shown



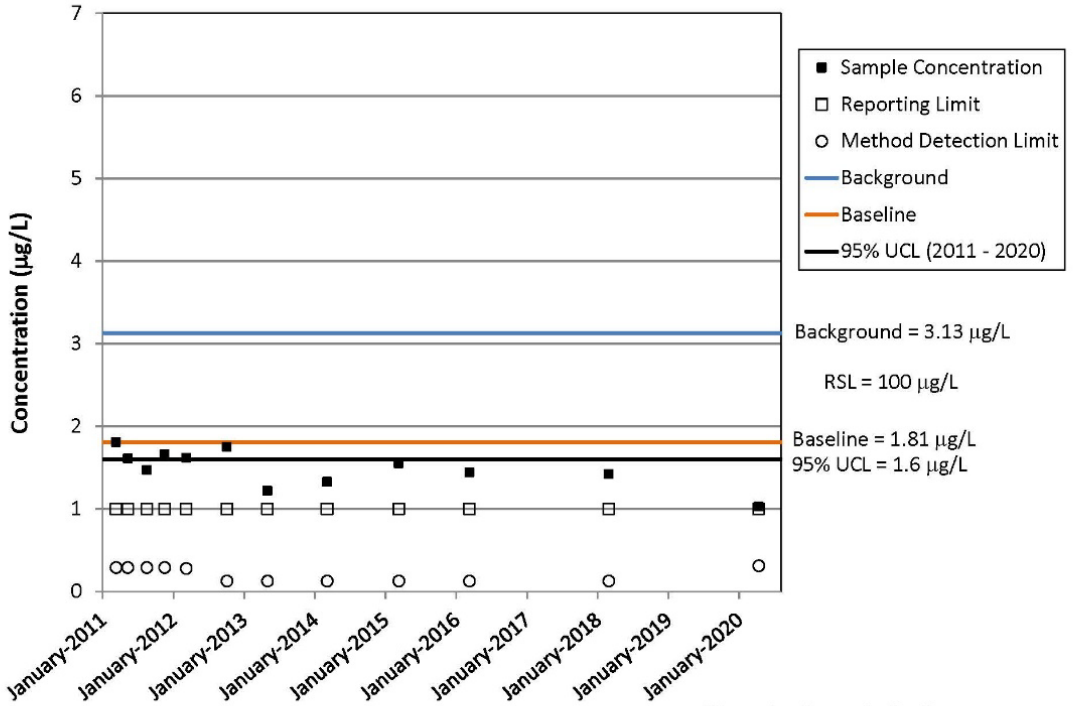
Radium-226 in Well UCD1-068

MCL = maximum contaminant level
pCi/L = picocuries per liter



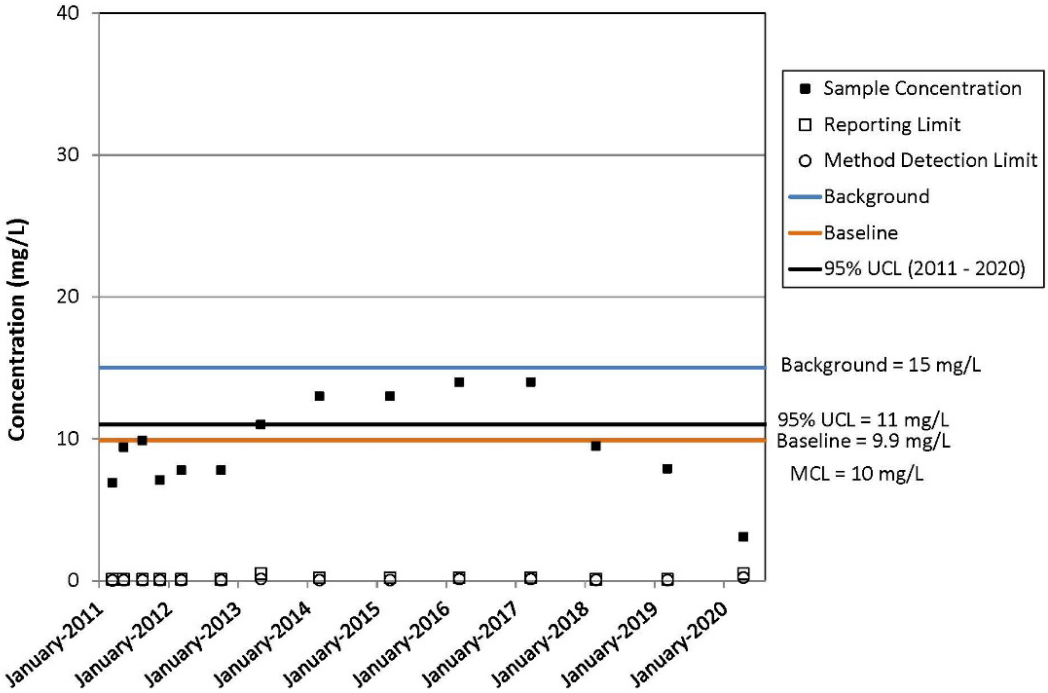
Formaldehyde in Well UCD1-069

RSL = regional screening level
µg/L = micrograms per liter
not detected if sample concentration not shown



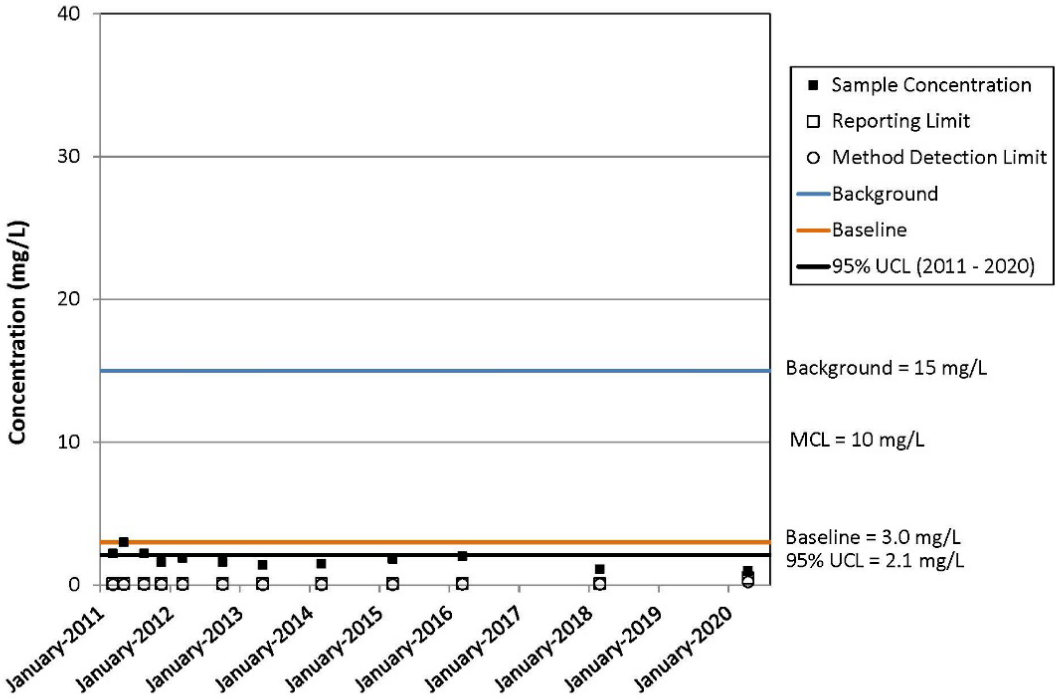
Molybdenum in Well UCD1-069

RSL = regional screening level
µg/L = micrograms per liter
not detected if sample concentration not shown



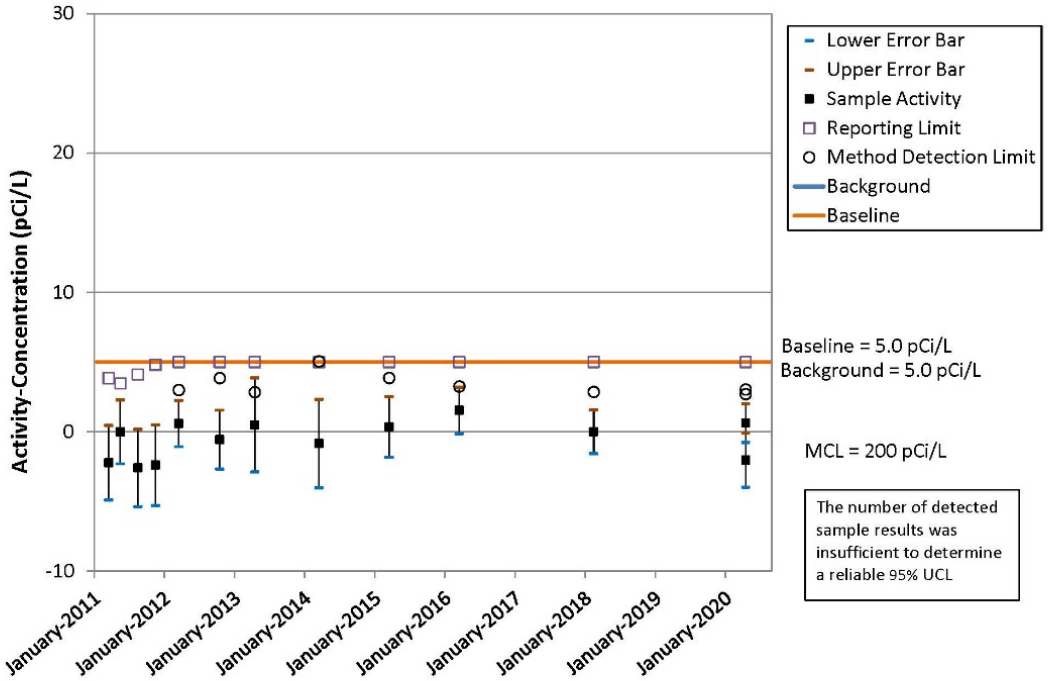
Nitrate in Well UCD1-069

MCL = maximum contaminant level
mg/L = milligrams per liter
not detected if sample concentration not shown



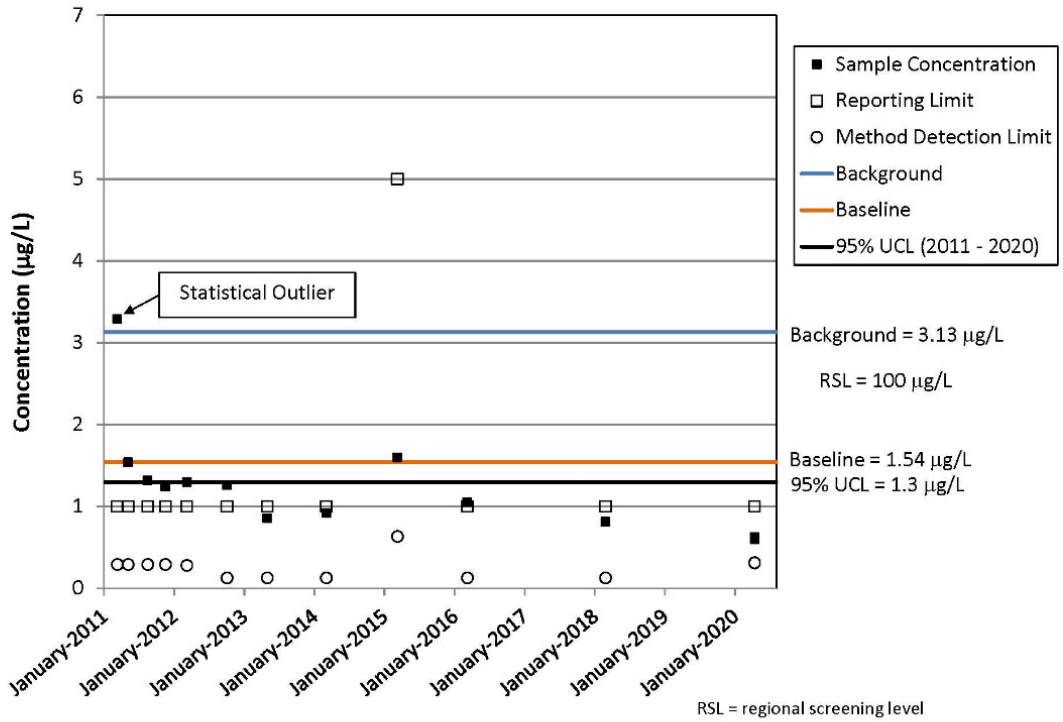
Nitrate in Well UCD1-070

MCL = maximum contaminant level
mg/L = milligrams per liter
not detected if sample concentration not shown



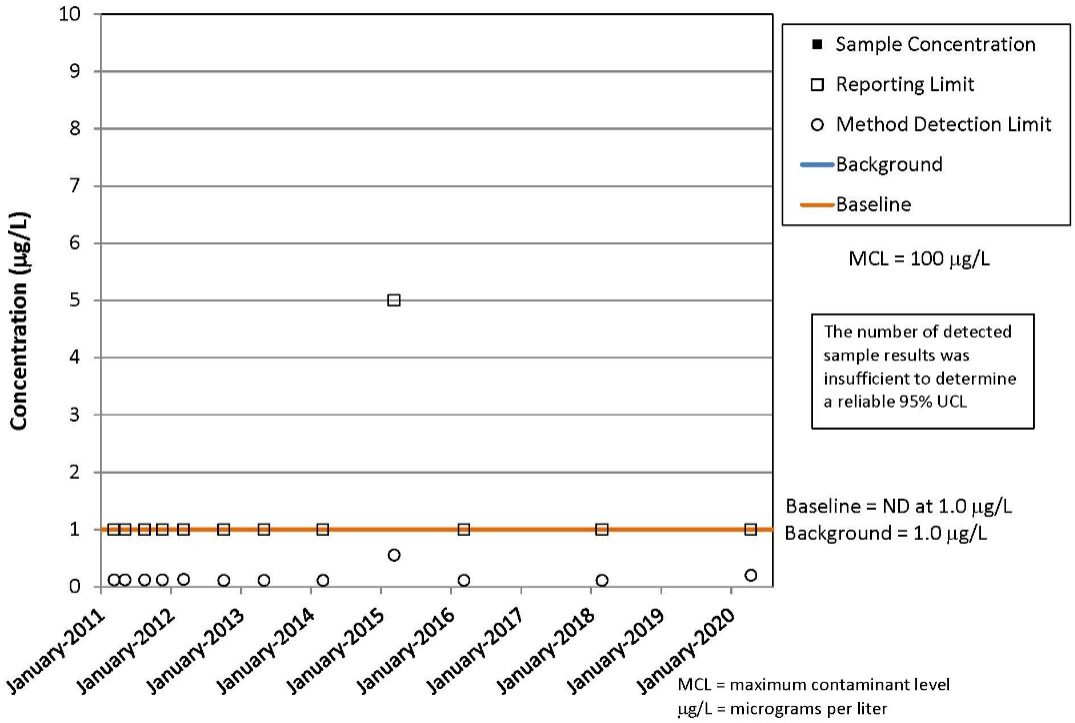
Cesium-137 in Well UCD1-071

MCL = maximum contaminant level
pCi/L = picocuries per liter



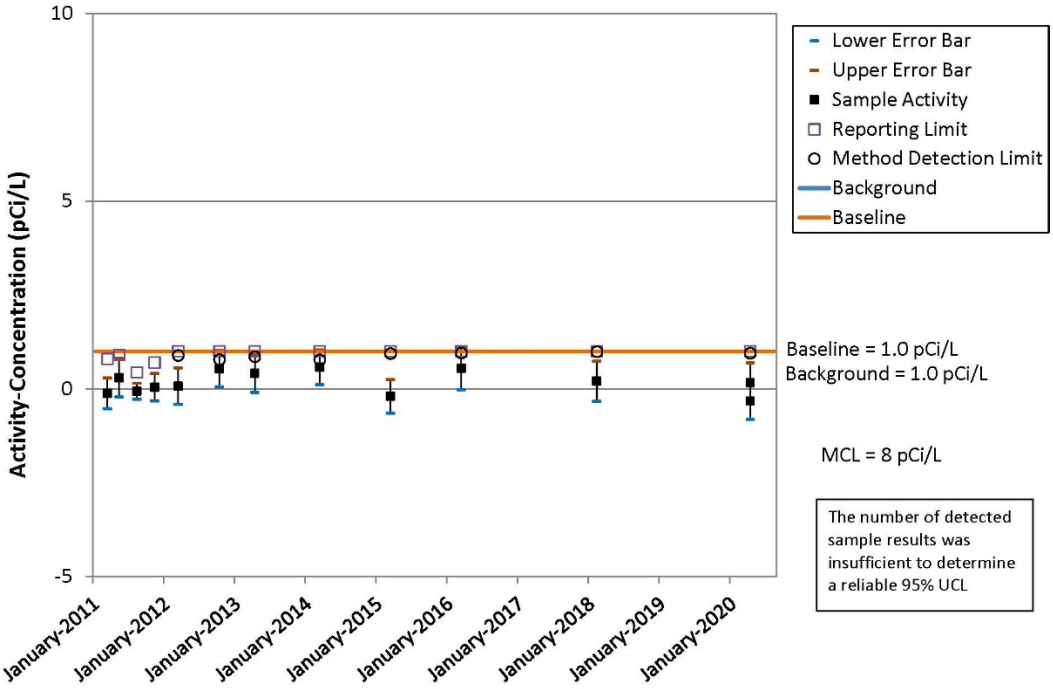
Molybdenum in Well UCD1-071

RSL = regional screening level
µg/L = micrograms per liter
not detected if sample concentration not shown



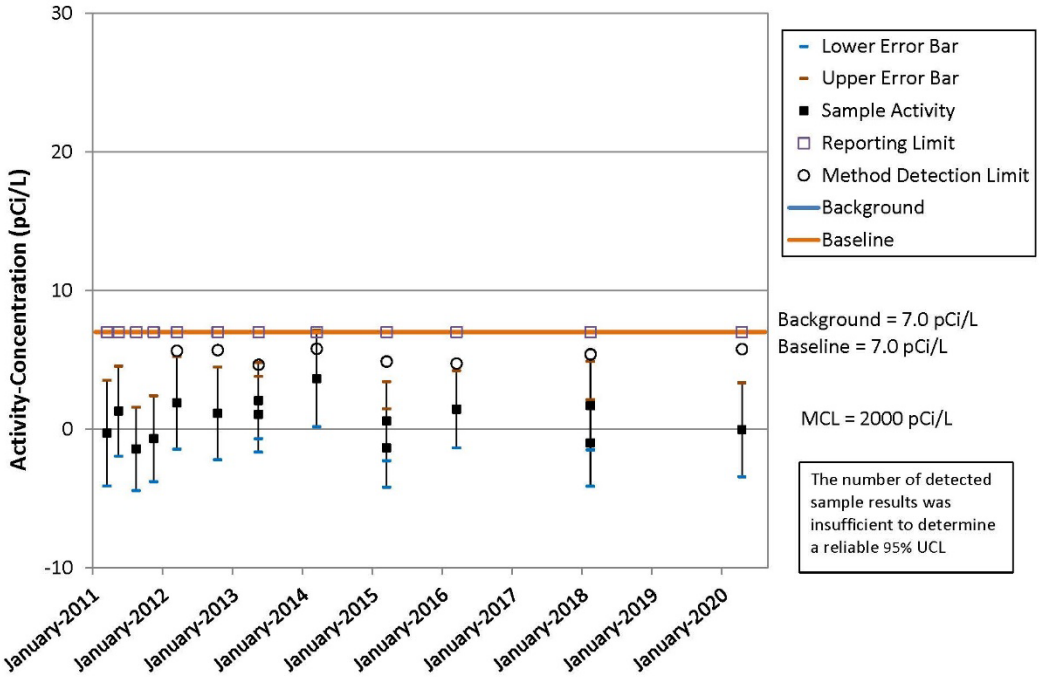
Silver in Well UCD1-071

MCL = maximum contaminant level
µg/L = micrograms per liter
ND = not detected
not detected if sample concentration not shown



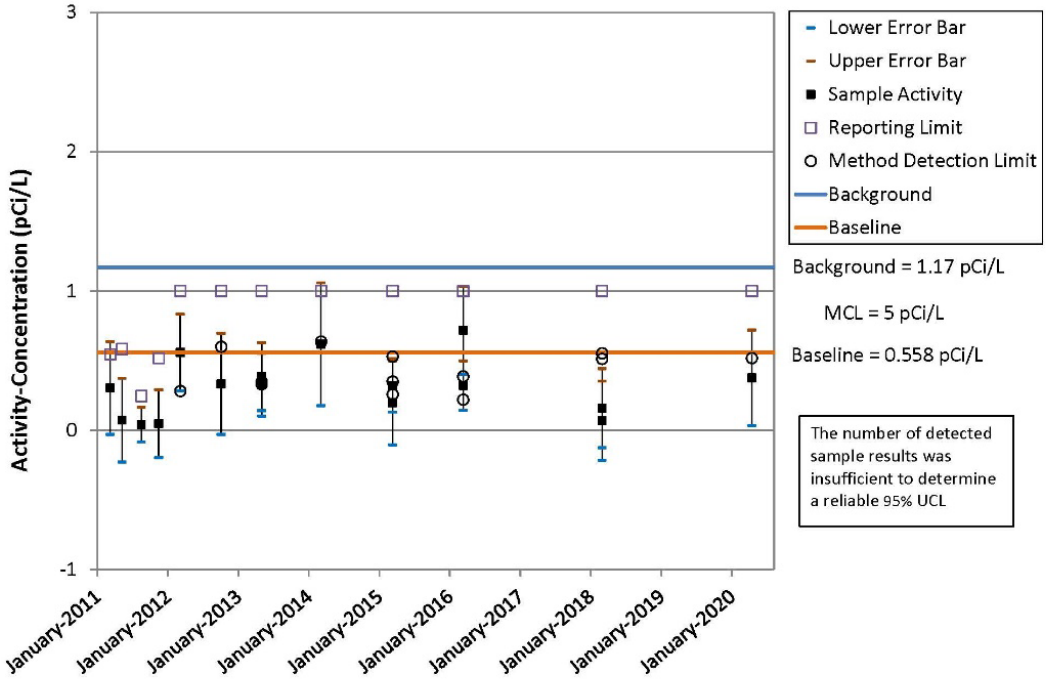
Strontium-90 in Well UCD1-071

MCL = maximum contaminant level
pCi/L = picocuries per liter



Carbon-14 in Well UCD1-072

MCL = maximum contaminant level
pCi/L = picocuries per liter



Radium-226 in Well UCD1-072

MCL = maximum contaminant level
pCi/L = picocuries per liter

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