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Ms. Rita K. Ware, Environmental Scientist
Compliance Assurance and Enforcement Division (6EN-HX)
RCRA Hazardous Waste – Technical Section
United States Environmental Protection Agency
1445 Ross Avenue
Dallas, Texas 75202

SUBJECT: FINAL Corrective Measures Implementation and Construction Certification Report
Former GE Albuquerque Apparatus Inspection & Repair Service Center
4420 McLeod Road, Northeast, Albuquerque, New Mexico
General Electric Consent Decree, Civil Action No. 87-1073-jb

Dear Ms. Ware:

On behalf of GE Energy (GE), AMEC Earth & Environmental, Inc. (AMEC) has prepared and submits this *Draft - Corrective Measure Implementation/Construction Certification Report (CMI/CCR)* for the above referenced facility. During the period of September 2005 through February 2006, corrective measures activities were completed at the site pursuant to:

1) the final *Revised Closure Plan, Final Corrective Measure Study Report, Preliminary Corrective Measure Implementation Work Plan* (20 May 2003) and
2) subsequent pre-implementation investigations detailed in the *Supplementary Investigation Work Plan* (25 March 2005) and *Supplementary Investigation Letter Report* (29 June 2005).

The attached report presents a detailed description of the site background, corrective measure studies, corrective measures, verification sampling, analytical data, and waste disposal documentation.

The attached CMI/CCR provides documentation of GE's completion of the remedial objectives set forth by the New Mexico Environment Department (NMED) and the Environmental Protection Agency (EPA). The current soil site conditions meet the RCRA corrective clean up goal of 1 milligram per kilogram, the clean closure equivalency for closure by removal as stated in 40 CFR 270.1 (c)(5) and (c)(6) and 20.4.1.00 NMAC, and the TSCA clean up requirements for high occupancy areas for unrestricted use as per 40 CFR 761.61(a)(4)(A).

AMEC Earth & Environmental, Inc.
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Following your favorable review and acceptance of the corrective measures and finalization of this report, we are requesting a cooperative determination from EPA and NMED through receipt of a "termination notification" and a "No Further Action" declaration, respectively. We believe the remedial work herein described demonstrates the corrective measures as complete and inclusive of all aspects of the approved plans and reports cited above. GE understands that the completion of the corrective measures will facilitate site closure and allow unrestrictive use.

Please feel free to contact either Tom Antonoff of GE at (518) 385-9931 or the undersigned at (505) 821-1801 if you have any questions or comments regarding this information. We would be glad to assist you or the NMED in any way during your review of the enclosed document.

Sincerely,

AMEC Earth & Environmental, Inc.

Peter Guerra
Project Manager

Bertisabel M. Custer, CHMM
Program Manager

cc: Mr. Thomas D. Antonoff, GE – Schenectady, New York
Mr. Brian Salem – NMED

FINAL
CORRECTIVE MEASURE IMPLEMENTATION AND CONSTRUCTION CERTIFICATION REPORT
FORMER GE APPARATUS SERVICE CENTER
ALBUQUERQUE, NEW MEXICO
EPA ID. NUMBER NMD047140256

AMEC Project No. 3-4915-0021

Prepared for:

GE Energy
One River Road
Schenectady, New York

Prepared by:

AMEC Earth & Environmental, Inc.
8519 Jefferson NE
Albuquerque, New Mexico 87113

29 SEPTEMBER 2006

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RE: Construction Certification for
Former General Electric Apparatus Service Center
4420 McLeod Road
Albuquerque, New Mexico
USEPA ID Number NMD047140256

FINAL CONSTRUCTION CERTIFICATION REPORT

I certify that the Final Construction Certification Report and all appendices were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted in this report is, to the best of my knowledge and belief, true, accurate, and complete.

DANIEL A. KWIECINSKI
NEW MEXICO
13496
9/29/06
REGISTERED PROFESSIONAL ENGINEER

Dan Kwiecinski, PE
AMEC
Registration No. 13496

09/29/06
Date

1.0 INTRODUCTION

This *Corrective Measure Implementation Report*, (*CMI Report*) has been prepared by AMEC Earth & Environmental, Inc. (AMEC) on behalf of General Electric Energy (GE) for the Former GE Apparatus Service Center (USEPA ID Number NMD047140256), located at 4420 McLeod Road, NE, in Albuquerque, New Mexico (Site). The purpose of this *CMI Report* is to present the site history, corrective measure objectives, and implemented corrective measures which include excavation, post-excavation verification sampling, analysis and evaluation, waste handling and site restoration. The *CMI* was performed based on the work plan described in the *Revised Closure Plan, Final Corrective Measure Study Report, and Preliminary Corrective Measure Implementation Work Plan* (*CMS Report*), dated May 20, 2003, which was approved by the United States Environmental Protection Agency (USEPA) Region 6 and the New Mexico Environment Department (NMED). This report also serves as the Construction Certification Report as also required by the CMS Report.

AMEC and Phillip Service Corporation of Phoenix, Arizona (PSC) were selected as oversight consultant and construction contractor for *CMI* Activities, respectively. On 10 October 2005, AMEC received *Method of Approach/Work Plan and Schedule* (*MAWPS*) from PSC. AMEC submitted the *MAWPS* with comments and proposed outline to GE on 14 October 2005, and GE approved the MAWP on 15 October 2005.

According to the *MAWP*, the application for fugitive dust control permit was submitted to Mr. Charles Aragon at the City of Albuquerque Air Quality Division on 17 October 2005. The permit was issued on 19 October 2005 (Appendix A). On 18 October 2005, AMEC and PSC mobilized to the site and conducted the on-site kickoff meeting, which included site introduction and review of the site-specific Health and Safety Plan (HASP) and other site logistic issues. Between 19 October 2005 and 08 December 2005, AMEC and PSC performed the corrective measures activities, including excavation and disposal of impacted soils and debris; however, three bins of waste remained on site for final disposal pending formulation of off-site treatment. After the completion of site restoration activities on 9 December 2005, AMEC and PSC demobilized from the site. On 23 January 2006 and 07 February 2006, the binned waste was removed from the site for off-site treatment and proper disposal. Detailed *CMI* Activities are presented in Section 3.0 of this report.

Following this introductory section, background information including a summary of past investigations, and corrective measure objectives are provided in Sections 2.0 and 3.0, respectively. Section 4.0 summarizes the corrective measure implementation program and Section 5.0 presents the results of the implemented corrective measure. Section 6.0 provides a conclusive summary of the project, and recommendations for no further remedial action at the site.

2.0 BACKGROUND

This section provides background information about the site. The information in this section is based on previous reports prepared by Law Environmental (LAW) and URS, Incorporated (URS).

2.1 Site Description

The Former GE Apparatus Service Center (GE) is located at 4420 McLeod Road, NE, Albuquerque, New Mexico, on an approximate two-acre property in a light industrial park. The site is approximately four miles northeast of Albuquerque and approximately 4.5 miles east of the Rio Grande River. An aerial photograph depicting the site is included as Figure 1.

The former service shop building is located in the northeast quadrant of the property. The southern side of the building and surrounding property was used for equipment storage and steam cleaning parts. The south, gable end of the building is an open enclosure and a concrete slab extends approximately 20 feet beyond and south of the gable-end enclosure. Asphalt pavement covers the area immediately north and northeast of the building. The remainder of the area to the east and the area to the south has gravel cover and natural sparsely-vegetated soils. When the facility was closed in 1994, all equipment and materials were removed from the outdoor areas. Currently, equipment and/or materials are not stored outdoor and the property is not being used for any business purpose. The site map, illustrating pre-remediation conditions, is presented in Figure 2.

The entire parcel is surrounded by a perimeter chain link fence except for the McLeod Road frontage, which extends approximately 80 feet south from the McLeod Road curb to the front wall of the building, and the parking area at the northeast corner of the building.

The Former GE Apparatus Service Center was built in 1969 for the repair of industrial equipment. The equipment repair was primarily electrical motors, but also included transformers, some of which contained polychlorinated biphenyl [PCBs] fluids. One of the steps in equipment repair consisted of cleaning the equipment or part prior to working on it. The equipment/parts cleaning operations and the associated wastewater handling infrastructure was located in and around the southwest corner of the building. Figure 2 shows the layout of the building and the cleaning-operations features.

2.1.1 Dry Well History

Previous investigations and reports for the site indicated the possible presence of three dry wells on the property. These dry wells were identified as Dry Wells #1, #2, and #3. This section provides a description of the apparent historical construction, use and abandonment of the dry wells and the discharge of wastewater generated from equipment cleaning operations at the site. During the corrective measures excavation activities, it became apparent that there were, in fact, only two dry wells located on the property. It appears that only Dry Well 1 and Dry Well 3 existed at the site. The feature

formerly described as Dry Well 2 was in fact, a leachfield connected to the upper portion of Dry Well #1.

Until 1983, wastewater generated from cleaning-operations was discharged into one of two on-site dry wells. In 1983 wastewater discharge was connected to the municipal sewer. Based on the location and construction of the dry wells, Dry Well #3 appears to be the first installed and was located approximately 15-feet south of the equipment/parts cleaning area (southwest corner of the building). At some point in the past, Dry Well #3 was covered with a concrete pad that extended south of the southern, gable-end of the building (where cleaning operations took place).

Based on inspection of the cleaning operations area, a rudimentary oil-water separator (OWS) was used to remove bulk oil and grease from wastewater. Based on the layout of wastewater discharge piping, Dry Well #3 was probably not connected to the OWS. The OWS was probably installed at the same time as Dry Well #1, which appears to be an upgrade or replacement to Dry Well #3.

Dry Well #1 was located approximately five feet west of the cleaning-operations area, just outside the southwest corner of the building. In addition to the OWS, a leach line was installed along with Dry Well #1. The leach line extended approximately 20-feet in a north, northwest direction from Dry Well #1, and was connected approximately a foot from the top of Dry Well #1. The leach line was constructed from 4-inch diameter corrugated/perforated polyethylene pipe encased in clean, small to medium sized gravel. The pipe sloped away from the dry well and terminated in a deeper gravel-filled, area. This deeper, gravel-filled area was mistakenly identified as an additional dry well during investigations and was labeled as Dry Well #2.

Dry Well #1 and its associated leach line were abandoned in 1983 and the discharge from the OWS was connected to the municipal sewer system using a 4-inch diameter cast-iron pipe. The 4-inch line extended from the southeast corner of the building to the west approximately 50 feet, and then north approximately 150 feet where it was connected to the sewer line located in McLeod Road. A flume-style sample port was installed at the northwest corner of the property and in the 4-inch sewer line to monitor the flow from cleaning operations.

2.2 Hydrology

The geology underneath the site consists of sand and gravel sediments, with interbedded layers of clay and silt. These deposits form a veneer on the surface of the river-cut topography and have a maximum thickness of approximately 50 feet. Borings conducted at the site indicated the presence of interbedded layers of sands with minor silt and clay layers (LAW, 1990). Soils encountered in the vicinity of the dry wells are generally silty sand with some gravels that are partially cemented in some areas. Lenses of coarse sand were encountered at depths between 10 and15 feet below the ground surface (bgs).

The depth to groundwater at the site ranges from approximately 250 feet bgs to approximately 260 feet bgs. Based on the groundwater data presented by LAW, groundwater generally flows to the south beneath the site.

2.3 Past Investigation

This section provides a summary of the past investigation history for the site. The following list of documents presents the history of investigation work conducted at the site from 1990 to June 2005.

During 1990	The first investigation performed was the ***RCRA Facility Investigation (RFI)*** by Law Environmental, Inc. (LAW). Due to the presence and levels of chemicals of concern (COCs) encountered at the site, a series of additional investigations were conducted to thoroughly evaluate the degree and extent of COCs in the vicinity of the former dry wells.
January 1991	Additional investigation in the area of the dry wells was proposed in a ***Supplemental Soil Assessment Workplan*** and submitted to the USEPA. After revision, the workplan was approved.
01 April 1991	Pursuant to the USEPA Consent Decree (Civil Action Number 87-1073-jb), LAW submitted the ***Draft Corrective Measure Study (CMS) Report***.
01 July 1991	LAW resubmitted the ***First Revised Draft CMS Report*** incorporating the USEPA comments.
11 July 1991	The ***Supplemental Soil Assessment Report*** was submitted to the USEPA.
29 January 1992	PRC Environmental Management Inc. (PRC) submitted a letter report regarding ***VLEACH Modeling Results for the GE Site*** to identify recharge parameters.
06 March 1992	PRC submitted ***Results from Modeling of Fate and Transport of Six Contaminants*** to the USEPA and NMED.
27 March 1992	Based on two previous environmental risk assessments, the USEPA submitted additional comments on the First Revised Draft CMS Report.
01 April 1992	LAW submitted the ***Second Revised Draft CMS Report*** incorporating the USEPA comments regarding the environmental risk assessment.
17 July 1992	USEPA issued a comment on *Appendix B* of the Second Revised Draft CMS Report.
19 August 1992	Daniel B. Stephens and Associates, Inc. of Albuquerque, New Mexico (DBSA) responded to the USEPA comments and resubmitted Appendix B of the ***Final CMS Report***.

30 July 1992	LAW requested to properly abandon piezometers at the site.
25 January 1993	LAW submitted ***Proposal for the Proper Abandonment of the Four Piezometers at the GE site.***
05 April 1993	Upon clarification of abandonment procedures, the piezometers were removed and ***Report of Abandonment of Piezometers*** was submitted by LAW.
26 July 1993	LAW submitted the ***Third Revised Draft of the CMS Report*** incorporating land disposal changes.
07 September 1993	LAW proposed Corrective Measure Alternatives as part of the Third Revised Draft of the CMS Report.
1993-1996	The CMS Report was under USEPA evaluation until 1996.
10 July 1996	GE Notification letter was sent to the NMED from the USEPA.
13 August 1996	USEPA requested GE perform investigation and closure action at the site.
29 August 1996	GE submitted ***Workplan for Collecting Groundwater and Soil Vapor Investigation.*** Workplan was modified according to USEPA suggestions for additional samples on 04 September 1996.
04 September 1996	USEPA submits suggestions for additional sample collection locations and analyses as a modification to the ***Workplan for Collecting Groundwater and Soil Vapor Investigation.***
29 October 1996	GE submitted the ***Workplan for Closure of Two Dry Wells.*** The dry wells proposed for closure are Dry Wells #1 and #2, as Dry Well #3 had not yet been characterized.
12 December 1996	Geoscience Consultants, Inc. submitted the ***Report for Groundwater and Soil Vapor Investigation.*** It was concluded based on groundwater sampling results that the groundwater was not impacted from the dry well.
07 January 1997	GE submitted the ***Workplan for Installation of Soil Vapor Monitoring Wells.***
14 January 1997	LAW submitted ***Report of Modified Risk Assessment*** including two exposure scenarios and effect of the closure of the two dry wells.

1997-2001	The USEPA reviewed the Third Revised Draft of the CMS Report, the Workplan for Closure of Two Dry Wells, the Report of Modified Risk Assessment, Groundwater Sampling and Soil Vapor Investigation, and the Workplan for Installing of a Soil Vapor Monitoring Well.
03 December 2001	Notice to facility to revise and complete the corrective measure study for GE was sent from the USEPA to the NMED.
14 February 2002	URS submitted the ***Revised CMS Report***.
16 August 2002	After receiving comments from the USEPA and the NMED, URS submitted the draft ***Revised Closure Plan, Final Corrective Measure Study Report, and Preliminary Corrective Measure Implementation Work Plan (CMS/WP)***.
20 March 2003	URS submitted responses to the conditional approval of CMS Report.
20 May 2003	URS resubmitted the final ***CMS/WP***, including response to comments by the USEPA and the NMED.
02 January 2004	CMS/WP was approved by both the USEPA and the NMED.

During December 2004 and January/February 2005, URS conducted Pre-Implementation Investigation which was outlined in the CMS/WP.

25 March 2005	URS submitted the ***Supplemental Investigation Workplan***. This detailed the results of the first phase of Pre-Implementation Investigation conducted in December 2004 and January/February 2005. This workplan detailed the final phase of investigation prior to initiating corrective measures.
29 June 2005	***Supplemental Investigation Letter Report*** was submitted. This report detailed the results the final phase of pre-implementation investigation.

The following sections detail the findings for each major investigation and submittal listed above.

2.3.1 RCRA Facility Investigation and Supplemental Soil Assessments

The RCRA Facility Investigation (RFI) consisted of two tasks, which included a description of the current conditions and the RFI workplan. The RFI was performed to identify potential sources that may have impacted the site, determine the nature and extent of the impacted area, and evaluate the actual and potential receptors. Three former release areas were identified during the RFI:

- Dry well areas;

- Waste storage area; and
- Former drum rack area.

The locations of these areas are shown on Figure 2. The conditions of these areas are briefly described as follows:

1) *Former Dry Well Areas:* The two dry wells were in service between 1969 and 1983. Dry Well #1 is approximately 10 feet northwest of the southwest corner of the building (see Figure 2). Dry well #1 is approximately 12 feet deep, with an inner diameter of approximately 2.5 feet at the top. The base of the dry well becomes slightly wider than the surface. The wall of the dry well was constructed of masonry blocks with horizontally-oriented slots to provide for percolation of the liquids. A concrete lid, which spans the concrete blocks, is approximately one foot below the ground surface.

   Dry Well #2 is approximately 20 feet northwest of Dry Well #1 (see Figure 2). Dry well #2 is approximately 15 feet deep, with an inner diameter of approximately 3 to 5 feet, based on borings conducted during the supplemental soil boring investigation. The boring (B-7) advanced in Dry Well #2 encountered soils from the surface to approximately seven feet bgs, and cobbles from 7 feet bgs to the bottom of the dry well, approximately 15 feet bgs. It had been assumed that the cobbles were used as backfill when Dry Well #2 was taken out of service.

2) *Former Waste Storage Area:* The former waste storage area, which was in use between 1975 and 1985, is located approximately 130 feet southwest of the building, as shown on Figure 2, and measures approximately 30 feet by 20 feet. This area was formerly used for the temporary storage of 55-gallon drums of waste oil from facility operations.

3) *Former Drum Rack:* The former drum rack is approximately 50 feet south of the building, and was used between approximately 1970 and 1985.

Based on analytical data gathered during the preparation of the RFI, a series of supplemental soil assessments (SSA) were conducted after the RFI. During the RFI and SSA, soil samples were collected from 47 locations at various depths and the areas of stained surface soil were recorded. Figure 3 shows the sampling locations completed as part of the RFI and associated SSA. The result of laboratory analysis for PCBs preformed on samples collected during the RFI and SSA are presented in Table 1. The lateral and vertical extents of impacts are shown in Figure 3. The results indicate that the majority of impacts are limited to the upper 15 feet of soil surrounding the dry wells. The analytical results for the soil samples at the former waste storage and former drum rack areas did not indicate the presence of extensive impacts in those areas. Surface soil in these areas contains low concentrations of PCBs. Data also suggested the presence of incidental near-surface PCB impacts at other locations south and southwest of the building. The findings of the RFI and SSA also indicated the presence of select volatile organics compounds (primarily xylene, ethylbenzene, and toluene) in the soils in the vicinity of the former dry wells. Selected samples were analyzed for metals. The

highest concentration of metals was in the soil sample collected from boring B-1 at the 11-12 foot bgs horizon. Boring B-1 was completed through Dry Well #1.

According to the workplan completed as the second task of the RFI, monitoring wells and piezometers were installed at the site to characterize the groundwater quality, depth to the groundwater, and groundwater flow direction. The location of monitoring wells and piezometers are shown on the Figure 3. The monitoring wells ranged in depth from approximately 279 feet bgs to 290 feet bgs. Based on piezometers data, groundwater was located approximately between 250 feet and 260 feet bgs.

2.3.2 Corrective Measures Study Report - 1992

The Corrective Measure Study Report (CMS Report 1992) was prepared to identify, evaluate and recommend corrective measure alternatives and objectives. The CMS Report contains a description of site conditions as of 1992, establishment of corrective action objectives, screening of corrective measure technologies, and evaluation of corrective measure alternatives, which included excavation and landfilling, excavation and infrared thermal incineration, and excavation and rotary kiln incineration.

Appendices of the 1992 CMS Report summarized the modeling results and the risk evaluation which were based on VLEACH modeling (PRC 1992), results from modeling of fate and transport of six contaminants (PRC 1992), and modeling in the vadose and saturated zones (Daniel B. Stephens and Associates, Inc. 1992). Risk assessment studies identify the potential migration pathways for site constituents and evaluated the potential human and environmental receptors. Based on the review of the potential exposure pathways and potential receptors, it was concluded that site workers could potentially be exposed to constituents in the soils via dermal contact and ingestion; however, leaching of chemical from the vadose zone will not cause concentrations in groundwater to exceed drinking water standards at the point of regulatory compliance (Daniel B. Stephens and Associates, Inc. 1992). Also due to the nature and vicinity of the service shop and the population distribution, potential environmental receptors would not be affected by site-specific constituents detected in site soils.

2.3.3 Groundwater and Soil Vapor Investigation Report - 1996

According to a USEPA request, a groundwater sampling event of the four monitoring wells, and a soil vapor investigation were conducted at the site. Groundwater samples were collected from monitoring wells MW-1 through MW-4 (Figure 3). Soil vapor samples were collected from three locations at 15-foot depth intervals beginning at 2 feet and ending at 77 feet bgs. Volatile organic compounds (VOCs) by EPA Method 8260 were not detected in groundwater samples from any monitoring wells. It was concluded that VOCs related to dry wells have not impacted groundwater. The results of the soil vapor investigation included:

1) the highest concentrations of total VOCs in soil vapor are found at 17 feet bgs in boring A and B,
2) Boring C, located 80 feet west of drywell #2 contains very low concentrations of total VOCs in soil vapor (less than 1,350 parts per billion by volume (ppbv)),

3) The majority of total VOCs found in soil vapor, near the drywells, is restricted to the shallow subsurface, above 32 feet bgs, and centered around a depth of 17 feet bgs.,
4) VOC concentrations in soil vapor decrease rapidly with distance from the drywells (Geoscience Consultants, 1996).

2.3.4 Revised Closure Plan, Final Corrective Measure Study Report, and Preliminary Corrective Measure Implementation Workplan - 2003

The Revised Closure Plan, Final Corrective Measure Study Report, And Preliminary Corrective Measure Implementation Work Plan (CMS/WP) was prepared to present corrective measure objectives, recommend an appropriate corrective measure alternative based on the conditions at the facility and propose the workplan for preliminary corrective measure implementation, which would refine the excavation limits for corrective measure implementation. The CMS/WP also includes a Revised Closure Plan, which addressed abandoning two dry wells at the site that had not yet formally been closed under RCRA.

2.3.4.1 Corrective Measure Areas

The CMS/WP defined that the primary contaminant of concern at the site is PCBs. Based on the past investigation, the areas identified for corrective measures include the former dry well locations, stained surface soil, and several other localized areas where incidental impacts of PCBs have been identified. The following four areas are major corrective measure areas:

- Two former dry wells;
- The area west of the building, near the former dry wells, where PCB impact extends to the subsurface soils;
- Several smaller areas at the site with surface soils that contain PCBs at concentrations greater than the TSCA cleanup objective of 1 milligram per kilograms (mg/kg); and
- The three areas at the site with stained surface soil.

2.3.4.2 Corrective Measure Objectives

The corrective measure objectives were established to accomplish the closure of all environmental cases with the site and allow unrestricted use and possibly including divestment of the property. Specifically, it focus on abandoning of two RCRA units (Dry wells), completing RCRA corrective actions at the site, complying with TSCA cleanup requirements, obtaining a no further action declaration from the USEPA and the NMED with respect to RCRA, and obtaining a termination notification in accordance with the consent decree from the USEPA. To fulfill all requirements of the clean closure, the cleanup goals for the corrective measures planned for the site were developed based on the results of the various phases of RFI and the revised Risk Assessment, and volatile and semi-volatile organic compounds found in soils at the site.

The past investigation results suggested that the cleanup goals for the corrective measures at the site should be limited to PCB constituents. The target excavation zone was defined from zero to 15 feet bgs. The target PCB clean up concentration was set as equal to or less than 1 mg/kg (based on USEPA recommended TSCA bulk PCB remediation waste standard for high-occupancy areas without further conditions). As stated in the CMS/WP, soils at depths greater than 15 feet bgs that may contains PCBs do not cause a risk to human health or the environment and therefore it is not necessary to remove these impacted soils. Furthermore, removal of stained surface soil and two former dry well structures were included in the corrective measure objectives.

3.0 Corrective Measure Implementation Activities

This section describes the procedure for corrective measure implementation activities which includes pre-implementation investigation and corrective measure implementation.

3.1 Pre-implementation Investigations

The RFI and subsequent investigations generated a significant amount of data regarding soil and groundwater quality at the site. However, the extents of the PCB impacts in some areas remained indistinct, and further characterization was required prior to implementing corrective measures. Therefore pre-implementation investigation was conducted for delineation of the lateral and vertical extent of the PCB impacts and to establish the areas to be excavated. In addition, the locations of the pre-implementation samples were positioned such that the results could be used in-lieu of verification sampling. Pre-implementation investigations were performed in 2004 and 2005.

The purpose of the investigations was to refine the definition of the extent of PCB impacts and to establish the boundary of the areas to be excavated. Sampling was conducted on approximately the same grid that was to be used for post-excavation sampling so that the investigation results could be used in lieu of post-excavation results. The pre-implementation soil sample locations and results are shown in Figure 4. In addition, contours showing the depth of PCB impact above 1 mg/kg are also shown in Figure 4. These contours were estimated based on the results of investigations, including the RFI, SSAs, and the pre-implementation investigations.

3.1.1 Pre-Implementation Investigations - 2004

In February 2004, the investigation plan that was included in the USEPA and NMED-approved *CMS Report* was implemented. Based on the results of this sampling event, an additional five rounds of soil sampling were conducted at the site between March and May 2004. The intent of each of these sampling rounds was to define the limits of the planned excavation area outside of the building footprint.

During the 2004 investigations, 267 soil samples (including duplicates) were collected from 97 locations for PCB analysis by EPA Method 8082. Samples were collected in accordance with the procedures stated in the *CMS Report* and were submitted daily to Severn Trent Laboratories. Detected total PCB concentrations ranged between non-detect (<0.033 mg/kg) up to 118 mg/kg, with most samples containing concentrations of total PCBs less than 20 mg/kg.

During the 2004 investigations, a dry well was discovered beneath the concrete pad on the south side of the building (Figure 2). As a result, 19 samples from seven locations near the newly discovered dry well (Dry Well #3) were submitted for VOC analysis by EPA Method 8260B. Samples were collected in general accordance with the procedures stated in the *CMS Report*. Only one VOC (total xylenes at 11 mg/kg) in one sample was detected at concentrations greater than one- tenth of the NMED Residential Soil Screening Level for contaminants reported in the USEPA Statement of Basis for the GE Albuquerque site.

Dry Well #3 is approximately seven feet south of the southeast corner of the building. It is believed to have been built in 1969 during development of the facility based on the similar construction characteristics to Dry Well #1. Dry Well #3 is approximately nine feet deep with an inner diameter of approximately three feet. The wall of the dry well appears to be constructed of cinder blocks. A concrete lid, which spans the concrete blocks, is approximately one foot below ground surface.

Upon completion of the investigation outside the building footprint, the design drawings showing the extent of excavation, soil to be segregated, and post-excavation sampling locations were finalized in accordance with the approach presented in Section 8.2 of the *CMS Report*. In addition to expanding the overall excavation area, the plans were revised to include closing Dry Well #3 in the same manner as Dry Well #1. These design drawings were incorporated into the September 8, 2004 *Request for Bid RCRA Closure Plan and Corrective Measure Implementation* (*RFB*).

3.1.2 Pre-Implementation Investigations - 2005

During January and February 2005, pre-implementation investigation continued and included samples collected from beneath the building. Eight soil boring locations were advanced and 26 soil samples (including two duplicate samples) were collected and analyzed for PCBs by EPA Method 8082. The PCB concentrations detected in soil samples beneath the building slab ranged from non-detectable to 20.6 mg/kg, with most samples containing PCB concentrations less than 5 mg/kg.

During May 2005, the final pre-implementation investigation field work was completed and included the advancement of seven soil borings and the collection of 23 soil samples including duplicates. Soil samples were submitted for analysis by EPA Method 8082 for PCB detection. Samples were collected from each boring at depths of 5, 10, and 15 feet bgs. Soil sample analysis results from the seven soil borings advanced on 05 May 2005 were used to evaluate the extent of PCBs previously identified as beneath the southwest corner of the building, and to evaluate soil quality beneath other portions of the building. The locations of these borings are presented in Figure 4.

3.2 Implementation

Implementation of the corrective measure included six tasks as follows:

- Planning and Permitting (from October 09 through October 19, 2005) ;
- Preparations and Mobilization (from October 18 through October 25, 2005);
- Excavation (from October 25 through December 01, 2005);
- Verification Sampling, Analysis, and Evaluation (from October 26, through December 01, 2005);
- Remediation Waste Handling (from November 11, 2005 through February 08, 2006); and
- Site Restoration (from December 02 through December 09, 2005).

Some of these tasks occurred concurrently. Progress towards completion of the CMI was reported in the ongoing monthly progress reports submitted to the NMED and USEPA. Each of these tasks is described below. A photographic log of the corrective measures implementation is provided in Appendix B.

3.2.1 Planning and Permitting

Required plans, which included the HASP, contingency plan, community relation plan, quality assurance project plan, contractor's implementation plan, and contractor's health and safety plan, were prepared before mobilization to the site. The plans were reviewed and modified by the site project and field managers to assure accuracy and compliance.

Also, in accordance with New Mexico Administrative Code Title 20 Chapter 11 Part 20 Section 14 (NMAC 20.11.20.14), since greater that 0.75 acres of site surface disturbance was planned, a *Fugitive Dust Control Permit* was obtained before site surface soils were disturbed. A copy of the completed application form which was submitted to the City of Albuquerque Environmental Health Department Air quality Division (COA AQD) and a copy of the permit are provided in Appendix B.

3.2.2 Preparations and Mobilization

This task consisted of equipment and site trailer mobilization, site survey, locating underground utilities, layout of site components such as staging area, exclusion zone, decontamination zone, waste storage area (within exclusion zone), and perimeter road, establish excavation/sampling grids, demolition of the covered area, and clearing and grubbing of vegetation.

The office trailer was mobilized to the site and connected to an on-site generator. Baker® Tank roll-off bins were delivered to the site to containerize the wastes from the dry well structures. Earthmoving construction equipment including a loader, water truck, excavator, and boom lift were also delivered to site.

3.2.2.1 Utility Locating and Site Survey

A site survey was performed by Albuquerque Surveying. Inc. of Albuquerque, New Mexico to provide horizontal control for the excavations and define the post-excavation soil sampling grid described in the *CMS Report*. This grid is presented in Figure 5. Using the surveyed points and site features, including building corners and fence lines as references, the excavation limits and soil sampling grid were established. In addition, subsurface utilities were located at the site using available maps and a magnetic survey. The magnetic survey was conducted by Abestos Utility Location Company, LLC of Albuquerque, New Mexico to refine the location of known subsurface utility lines and to identify any unmarked subsurface utilities. A New Mexico One Call service was also contacted to provide subsurface utility clearance prior to site excavation activities.

3.2.2.2 Layout of Site Components

The staging areas, exclusion zone, decontamination zone and waste storage area were established/installed as shown Figure 6. The existing site fences provided delineation of the exclusion zone. In addition, a portable sanitary facility was located at the site and placed outside of the decontamination area.

The loader and water truck were used to construct the perimeter road. This road served as a haul road for import and export operations. The haul road was constructed so that trucks entered from the approximate middle of the site frontage along McLeod Road NE headed through the western gate along the northern edge of the perimeter fence, then continued around the southern portion of the site and eventually headed east, terminating at the vehicle decontamination area. The perimeter road construction consisted of clearing and grubbing vegetation and leveling and compacting the travel way.

A vehicle decontamination area was constructed adjacent to the southeast corner of the building. Additional sandy fill material was imported to provide access to the pad and padding for plastic sheeting. The north end of the vehicle decontamination pad was made level with the site exit at the eastern gate located along the northern edge of the perimeter fence. The northwest corner of the vehicle decontamination pad was made into a low point or sump for collection of decontamination liquids. Clean gravel was imported to the north area between asphalt and decontamination area to assure a clean departure from the site. The decontamination area was constructed of a single piece of heavy polyethylene sheeting large enough to accommodate the haul trucks used for the transportation of contaminated soil. A plastic liner was placed under the polyethylene sheeting to provide secondary containment. The edges of the polyethylene sheeting were placed over the bermed edge surrounding the decontamination pad to create a containment area for the decontamination liquids.

Two waste staging areas were constructed at the site: one for waste materials containing less than 50 milligrams total PCBs per kilogram of dry-weight soil (mg/kg); and the other for wastes containing greater than 50 mg/kg PCB, Each staging area was similarly constructed. The staging areas were first prepared by thoroughly clearing and grubbing the proposed area to remove any roots or large aggregates that may rupture the liner. The area was leveled and a two to three foot high earthen berm was

constructed around the proposed staging area. Native materials from within the perimeter of the staging areas blended with imported sandy material were used to construct the berms. A double layer of polyethylene sheeting was placed over the bermed area and a six to eight inch thick layer of sandy fill was placed over the sheeting to provide for bedding of the stockpile of waste materials. The staging area and other site component locations are shown in Figure 6.

3.2.2.3 Covered-Area Structure Demolition

The western half of the covered area, which is the southern 20-foot portion of the building, was cut away and removed so that excavation in this area could be implemented. This portion of the structure was merely an extension of the main building with an open gable end. The western portion of the covered area or overhang area was where equipment and parts cleaning was performed. A large rollup doorway is located in the west side of the north wall of the building inside the covered area and was the portal to bring equipment inside for repair/refurbishing.

Removal of the western portion of the covered area was accomplished by first stripping off the metal sheeting panels from the walls and roof, from the western wall to the centerline of the roof. Next, the metal rafters and wall studs were cut off at the north wall of the covered area and removed. Prior to removing the I-beam column located in the southwest corner of the building, a small, swing-arm crane was cut away.

3.2.3 Excavation

This subsection describes the site layout and control measures, safety measures, and excavation procedures that were employed during implementation of the corrective measures.

3.2.3.1 Site Control

All excavation activities occurred within the exclusion zone. Remediation wastes were staged in one of three locations depending on contaminant concentration and type. Low level (less than 50 mg/kg) PCB contaminated wastes were stockpiled in the lined, bermed staging area in the southwest portion of the site. Wastes contaminated at or above 50 mg/kg PCBs were stockpiled in the staging area located in the south central portion of the site. Wastes from the Dry Well structures including the cinder blocks, surrounding soil backfill, sediment in the dry wells, and associated piping were stored in Baker® Tank roll-off bins located in the southeast corner of the site.

Prior to leaving the site, vehicles and workers passed through the decontamination area. These areas were surrounded by existing fencing that were secured at the end of each work day.

3.2.3.2 Safety

All work was performed in accordance with applicable OSHA regulations and the site-specific Health and Safety Plans (*CMS Report Appendix D*). The *Contingency Plan*, (*CMS Report Appendix E*), contained procedures to follow in the event of an emergency.

Dust monitoring was conducted throughout the period of excavation. Dust control measures were implemented at an approximate one-half hour^{-1} frequency during working hours using a water truck to moisten the site surface soils and soils under excavation. Based on the dust level monitoring results, at no time did the dust levels exceed 150 $\mu g/m^3$, the stop work level pursuant to the *CMS Report*. However, dust levels above 100 $\mu g/m^3$ were recorded on three occasions (11 and 28 November 2005 and 08 December 2005). On these occasions dust control measures were increased in frequency and duration until the dust levels subsided below 100 $\mu g/m^3$, the action level for increased dust suppression pursuant to the *CMS Report*.

Excavation activities were performed in accordance with applicable OSHA regulations. All excavations greater than four feet in depth were barricaded upon completion of work in that area and barricades were placed around active work areas at the end of the work day. Barricading operations conformed with OSHA standards and consisted of stakes and caution tape.

3.2.3.3 Excavation Approach

The proposed layout of the excavations is shown in Figure 5 while the actual excavation areas are shown in Figure 7. Excavation started with the shallow areas located in the south/southwest areas of the site. Post-excavation samples were collected from the base of the excavations to verify that the cleanup objectives were met. By starting with the shallow areas, verification results were obtained and possible need for additional soil removal was evaluated. Prior to excavating, AMEC measured the relative, starting/ ground surface elevation at each excavation location using a surveyor's level gun/rod and temporary benchmarks.

Shallow Excavation

The nine small, shallow areas south/southwest of the building were excavated first. These nine areas were labeled as follows: HA-26, HA-30, HA-40, HB-3, HB-4, HB-6, HB-21, HB-28, and the Former Drum Rack areas. The depth of the excavations at these nine areas ranged between 1 and 2.5 feet below ground surface (bgs). All but two of the nine areas had a target depth of 1.5-feet bgs. The target depths of 1-feet and 2.5-feet bgs were designed for the shallow excavation areas labeled HB-21 and HA-26, respectively.

As excavation areas were advanced AMEC provided depth control based on the difference between the starting ground surface elevation and the target depth. Since the ground surface within the planned excavation areas was not level, AMEC used the lowest starting ground surface elevation within the limits of the area being excavated. Five starting ground surface elevation measurements (four around the perimeter and one in the center) were made at six of the nine shallow excavation areas: HA-26, HA-30, HA-40, HB-3, HB-4, and HB-6. Seven starting ground surface elevation measurements were made at the Former Drum Rack area, and one starting ground surface elevation measurement was made at the smaller excavation areas, HB-21 and HB-28. Starting ground surface and excavation bottom elevation measurement results are shown in Figure 8.

Once target depths were met or exceeded, the excavation sidewalls and floor were cleaned of loose materials using hand shovels and rakes. All material excavated from these nine shallow areas was stockpiled in the staging area for materials that contain less than 50 mg/kg total PCBs (Figure 6).

Upon completion of excavation activities at the nine small areas, AMEC and PSC began work on the shallow excavation of material containing less than 50 mg/kg total PCBs in the large excavation area under and adjacent to the southwest corner of the building. The concrete pad, cast-in-place concrete oil/water separator, and ancillary piping were removed from above the area to be excavated, crushed in place and stockpiled in the staging area for material containing less than 50 mg/kg total PCBs. Following removal of the concrete covering, the material between ground surface and 1.5-feet bgs and outside the limits of the material containing PCBs above 50 mg/kg was excavated and stockpiled. The limits for segregation of material that meet or exceed the 50 mg/kg total PCB threshold is shown in Figure 9.

As the shallow, perimeter excavation area was advanced AMEC provided depth control based on the difference between the starting ground surface elevation and the target depth. Since the ground surface within the planned excavation areas was not level, AMEC adjusted the excavation floor target elevation as the excavation advanced. Eleven starting ground surface elevation measurements were made within the perimeter of the larger excavation area. Starting ground surface and excavation bottom elevation measurement results are shown in Figure 8.

Once target depths were met or exceeded, the excavation sidewalls and floor were cleaned of loose materials using hand shovels and rakes. All material excavated from the shallow area outside the limits of materials containing Total PCBs above 50 mg/kg was stockpiled in the staging area for materials that contain less than 50 mg/kg total PCBs (Figure 6). Upon completing removal of the lower level materials, the remaining materials from ground surface to 1.5-feet bgs were excavated and stockpiled in the staging area for materials containing at or above 50 mg/kg total PCBs.

Deeper Excavation

The sequence of excavation for the deeper areas was dictated by the installation of bracing at and around the southwest corner of the building, as well as segregation of the impacted materials. Initially, the area planned for deep excavation was advanced to a depth of 4-feet bgs and materials were appropriately segregated. Additionally, the areas of materials that met/exceeded the 50 mg/kg total PCB threshold and planned for advancement to 6-feet bgs were excavated and appropriately stockpiled. With proper benching and sloping and prior to additional advancement of the excavation, the installation of the bracing system designed for support of the building/slab was initiated. Twenty-two helical anchors, 13 vertical supports and nine horizontal tie-backs were installed around the perimeter of the exposed building footing, stem wall and concrete slab. Wood lagging was placed behind the vertical anchors and steel whalers were positioned across the support anchors and bolted to the horizontal anchors to tie-back the bracing and hold soil under the building. Once the primary framework of the bracing system was in place, the excavation was advanced to the target depths. Wood lagging and an additional row of helical anchor tiebacks were installed as the excavation

progressed to a total depth of 15-feet bgs adjacent to the southwest corner of the building.

In addition to the excavation and segregation of soils, AMEC encountered two dry well structures, a leachfield, a corrugated/perforated leaching line, and a cast-iron sewer line, which were removed and segregated into roll-off bins as potentially characteristically hazardous waste.

During the advancement of the excavation in the shallow, perimeter soils around the deeper excavation limits, Dry Well #1 and Dry Well #3 were located. However, Dry Well #2, which was reported as being located northwest of Dry Well #1, was not located. A 4-inch diameter corrugated plastic pipe was located exiting the top of Dry Well #1 towards the west, and terminating at the suspected location of Dry Well #2. Large rounded gravel and cobble sized materials were discovered to an approximate depth of 8-feet bgs at the suspect location of Dry Well #2. Dry Well #1 and Dry Well #3 were similarly constructed of interlocking cinder block in an approximate 5-foot diameter cylinder approximately 9-feet deep. Both Dry Well #1 and #3 were partially filled with soil and debris. In addition to the dry wells and associated leachfield components, AMEC identified a 4-inch diameter cast iron sewer line which exited the former oil/water separator (OWS) located in the overhang area in the southwest corner of the building. This sewer line extended west approximately 80 feet, where it turned 90-degrees north to a sampling vault located at the property line along McLeod Road. This sewer line and associated sampling vault was removed.

3.2.4 Post-Excavation Verification Sampling, Analysis, and Results

Post-excavation samples were collected from the floor of excavated areas. All required wall sampling was conducted during the Pre-implementation Investigation. TSCA (40 CFR 761) requires collection of post-excavation samples based on a one and a half meter (approximately five feet) square grid. A five-foot by five-foot grid was applied to the floor of each excavation area. Post excavation samples were collected from each grid node. Figure 5 shows the post-excavation verification sampling grid and locations.

Each soil sample was assigned a unique identification based on the location of the sample. Each grid was named after the boring or location it represents, such as drum rack, HB-30, or ME for main excavation. The grid lines that extend north-south were assigned letters and the grid lines that extend east-west were assigned numbers. The sample IDs were comprised of the grid name, the grid node, and depth below grade surface (in feet) of the sample location. Therefore, a soil sample collected from 1.5 feet below grade at the intersection of grid line B and grid line 2 near the former drum rack was given the sample designation DR-B2-1.5.

3.2.4.1 Sampling Procedure and Analysis

This section describes the sampling methods, sample handling procedures, and the analysis. Prior to collecting samples at an excavation area and based on the site survey stakes placed by the Professional Surveyor, AMEC laid out a five-foot square grid across the excavation area using wooden stakes and string. This string grid and a plumb bob were used to locate the sample location on the floor of the excavation.

Manual Collection of Soil Samples

Soil samples collected from the floor of excavated areas were collected using stainless-steel trowels. The remainder of this subsection describes the equipment and procedures used for soil sample collection using a stainless-steel trowel and general soil sampling procedures.

The trowel was decontaminated, examined for cleanliness, and checked for defects or any need of repair prior to sampling. A description of the sampling area from which the sample is being taken, and other pertinent sample information was recorded on a field soil boring log or in a field notebook.

The soil sample was collected with the trowel and put into a stainless steel bowl. If the soil sample was to be analyzed for VOCs, an aliquot of soil was immediately transferred into the VOC sample containers. The VOC sample containers were completely filled in order to minimize head-space in the containers. The remaining soil was mixed (homogenized) in the bowl and then the remaining sample containers were filled. Field observations and sample details were recorded on a field notebook.

To prevent cross-contamination of samples, field personnel wore new disposable gloves when collecting and handling samples. The gloves were changed between samples. The stainless-steel hand trowels and bowls and ancillary sampling equipment were decontaminated between samples.

Quality assurance samples, including matrix spike/matrix spike duplicates, duplicate samples, equipment rinseate blanks, and trip blanks were collected in accordance with the procedures described in the site-specific *Quality Assurance Project Plan (QAPP)*. Once sample containers were filled, they were immediately placed in a cooler with sufficient sealed bags of ice to maintain the samples at or below 4°C. The field sampler indicated sample designation/location number in the space provided on the chain-of-custody for each sample. The sample custody procedures are also described in the *QAPP*.

Duplicate Samples

The analysis of blind duplicate samples provides a means of evaluating the relative precision of the sample collection and analytical procedures. An important factor in evaluating the analytical data from sample pairs is the homogeneity of the analyte within the sample matrix. Therefore, AMEC homogenized sample aliquots from discrete locations planned for duplicate sample prior to containerizing the sample and its duplicate. However, VOC samples were not homogenized to prevent the loss of volatiles. In general, the handling of VOC samples was performed in such a way as to preserve the physical integrity of the VOC fraction. Duplicate samples were prepared for each sample matrix at a rate of at least one duplicate per ten samples.

Duplicates of solid samples for VOC analysis were obtained by alternately filling the sample containers for the sample and duplicate for VOC analysis with aliquots collected from the same discrete location or interval. Once samples for VOC analysis were collected, the remaining sample was thoroughly homogenized. Following

homogenization, the sample containers for the remaining parameters were filled. Duplicates were denoted using the Geo-database Object ID tag generated in AMEC's sampling plan for the site. This tag or ID corresponded to the specific grid node from which the duplicate was collected.

Matrix Spike/Matrix Spike Duplicate Samples

Matrix spike/matrix spike duplicate (MS/MSD) samples provide a measurement of matrix effects, in which other sample components interfere with the analysis of the contaminants of interest. The laboratory was supplied with sufficient sample volume in order to perform matrix spike and matrix spike duplicate analyses for each analysis. The MS/MSD samples were denoted with an MS or MSD followed by the six digit date (i.e.: MSYYMMDD). The COC contained a notation explaining which sampling location the MS/MSD was obtained from.

Sampling Equipment Decontamination Procedures

Sampling equipment was decontaminated in the field prior to use and between sampling locations. The sampling device and equipment decontamination method involved a non-phosphate detergent wash, tap water rinse, distilled/deionized water rinse, hexane rinse, air drying, and a second distilled/deionized water rinse. Decontamination was conducted on the temporary decontamination pad. The decontamination liquids were containerized for proper disposal.

Sample Handling and Analysis

All samples were collected and handled in a manner such that sample agitation, cross-contamination, and contact with the atmosphere were kept to minimum. Field personnel wore disposable gloves when collecting and handling samples. As required, samples were immediately preserved, and stored at 4°C until delivered to the laboratory. The samples were kept cool at 4°C using insulated containers containing sufficient ice or ice packs. If ice was used, the ice was double-bagged, at a minimum, to prevent leakage of ice-generated water into the samples. All sample jars were wrapped in protective bubble wrap and placed in reseal-able plastic bags prior to placement in coolers. Samples were delivered to Severn-Trent Laboratories in Arvada, Colorado or University Park, Illinois for analysis (STL). Samples were shipped overnight to the laboratory's sample handling/log-in officer. Daily correspondence between AMEC field personnel and project manager and the Laboratory project manager was conducted to ensure proper sample receipt. AMEC utilized the STL Colorado operations for high-volume/quick-turn around PCB analyses and the STL Illinois operation for all other analysis (VOCs, Semi-VOCs, Metals and PCBs).

3.2.4.2 Post-Excavation Verification Sampling Results

A summary of results from the post-excavation verification sampling are provided in Table 2 and Figure 10. Analytical data reports from STL are provided in Appendix C.

One of the 189 post-excavation soil sample results exceeded the site-specific corrective measure cleanup objective of one mg/kg total PCBs for soil less than 15 feet below ground surface. The sample that exceeded the cleanup objective was collected from the Main Excavation Area, grid node O14 at the target depth of one and a half feet bgs. The result from ME-O14-1.5' was 1.90 mg/kg total PCBs. Upon receipt of the analytical results from ME-O14-1.5', AMEC directed PSC to excavate an area scribed by a five-foot radius around the O14 grid node to a depth of three feet bgs. A post-excavation verification sample was collected from the floor of the three foot deep excavation at grid node O14 and the results from this sample were non-detect (<0.033 mg/kg) for PCBs.

PCBs were detected below the cleanup objective (1 mg/kg) at 45 of the remaining 188 post-excavation soil sample locations. Detected levels at these 45 locations ranged between 0.033 mg/kg and 0.730 mg/kg and averaged 0.153 mg/kg with a standard deviation of 0.165 mg/kg total PCBs. Aroclor 1254 and Aroclor 1260 were the only detected PCBs. The other seven PCB types were not detected.

PCBs were not detected in 143 of the 188 post-excavation soil samples. The analytical laboratory (STL's) reporting limit for total PCBs at these locations was 0.033 mg/kg.

Thirteen duplicate samples were collected during the post-excavation soil sampling campaign. Two of the 13 duplicate samples; HB6-B2-1.5 and HA26-B2-2.5, contained detectable PCBs. The remaining 11 duplicate and primary samples were non-detect (<0.033 mg/kg) for total PCBs. At the HB6-B2-1.5 sample location the primary and duplicate sample results were 0.035 mg/kg and 0.044 mg/kg total PCBs, respectively. At the HA26-B2-2.5 sample location the primary and duplicate sample results were 0.520 mg/kg and 0.110 mg/kg total PCBs, respectively. Duplicate analysis results show acceptable correspondence concerning relative precision of the sample collection and analytical procedures.

3.2.4.3 Dry Wells 2 and 3 Area Sampling and Analysis Results

In addition to the post-excavation verification samples, AMEC collected samples of representative materials and from the floor of the excavation beneath the former dry well locations. The five samples of the suspect source materials were collected and submitted for analysis. These five samples were collected from seven and one-half and 11 feet bgs at Dry Well #3, five and eight feet bgs at the leachfield location identified in the RFI as Dry Well #2 and the sediment lining the 4-inch diameter cast iron sewer line that passed through Dry Well #1. These five samples were submitted for VOC, Semi-VOC, metals (mercury, arsenic, barium, cadmium, chromium, lead, selenium, and silver), and PCB analysis via EPA Methods 8260, 8270, 7240/6010, and 8082, respectively. Laboratory results are summarized on Table 3.

Seven Semi-VOCs, nine VOCs, and three PCB types were detected in the five representative samples. Semi-VOCs and VOCs detected consisted of 1,4-

Dichlorobenzene; 1,2,4-Trichlorobenzene; Naphthalene; 2-Methylnaphthalene; Chrysene; Bis(2-ethylhexyl)phthalate; Indeno(1,2,3-cd)pyrene; Dibenzo(a,h)anthracene; Toluene; Tetrachloroethene; Ethylbenzene; Xylenes; 1,2,4-Trimethylbenzene; p-Isopropyltoluene; 1,2,4-Trichlorobenzene; and 1,2,3-Trichlorobenzene. All of the semi-VOCs and VOCs detected and method detection limits were at concentrations below the New Mexico Environment Department – Soil Screening Levels for Residential Property (NMED-SSL taken from Technical Background Document for Development of Soil Screening Levels - Revision 2.0, February 2004). The maximum total PCB levels detected in the representative samples collected from the waste material was 261 mg/kg and was collected from Dry Well #3 at seven and a half feet bgs.

Metals analyses results indicate that each of the eight metals was present at detectable levels in the waste material. The maximum metals concentrations were as follows: mercury at 0.54 mg/kg, arsenic at 10 mg/kg, barium at 900 mg/kg, cadmium at 33 mg/kg, chromium at 160 mg/kg, lead at 1100 mg/kg, selenium at 19 mg/kg, and silver at 11 mg/kg. Using the 0.05-factor rule for standard TCLP ratio; mercury and lead concentrations exceed the values for characteristic waste.

AMEC also collected five samples from 15 feet bgs beneath the former dry well and leachfield locations. Three of the five samples were collected from beneath Dry Well #1 and the remaining two were collected from beneath Dry Well #3 and the leachfield (formerly identified as Dry Well #2), respectively. The three samples from beneath Dry Well #1 were submitted for semi-VOC, VOC and PCB analyses via EPA Methods 8270, 8260 and 8082, respectively. The samples from beneath Dry Well #3 and the leachfield were submitted for VOC and PCB analyses via EPA Methods 8260 and 8082.

Nineteen semi-VOCs, seven VOCs, and two PCB types were detected in the five samples from 15-feet bgs beneath the dry well locations. Semi-VOCs and VOCs detected consisted of 1,4-Dichlorobenzene; 1,2,4-Trichlorobenzene; Naphthalene; 2-Methylnaphthalene; Acenaphthene; Fluorene; Phenanthrene; Anthracene; Fluoranthene; Pyrene; Benzo(a)anthracene; Chrysene; Bis(2-ethylhexyl)phthalate; Benzo(b)fluoranthene; Benzo(k)fluoranthene; Benzo(a)pyrene; Indeno(1,2,3-cd)pyrene; Dibenzo(a,h)anthracene; Benzo(ghi)perylene; Toluene; Tetrachloroethene; Ethylbenzene; Xylenes; 1,2,4-Trichlorobenzene; and 1,2,3-Trichlorobenzene. All of the semi-VOCs and VOCs detected and method detection limits were at concentrations below the NMED-SSLs for Residential Property. PCBs were detected in each of the five samples from 15-feet bgs beneath the former dry well locations. The maximum PCB level detected was from beneath Dry Well #1 at a total PCB concentration of 31.9 mg/kg. The average of the total PCB analysis results from the remaining four samples was 0.931 mg/kg at a standard deviation of 1.64 mg/kg. The results from these samples are summarized on Table 4.

3.3.5 Remediation Waste Handling

This section describes the waste handling procedures. A total of 2257.72 tons of waste was removed for off-site disposal. The majority of waste generated was non-TSCA, non-hazardous waste (1952.15 tons), containing total PCB levels less than 50 mg/kg. The remaining fraction, 273.13 tons, was disposed as TSCA waste, containing total PCB levels at or above 50 mg/kg. TSCA waste was stored, transported, and disposed in

accordance with the applicable portions of 40 CFR §761. The other fraction of waste consisted of materials (a mixture of cinder block, cast iron pipe, plastic pipe, gravel/cobble materials and some surrounding impacted soils) removed from the dry well areas. Waste material removed from dry well areas accounted for 32.44 tons; which was characterized as hazardous waste. Wastes were stored, transported, and disposed in accordance with hazardous waste regulations. All other waste streams generated at the site, including spent personal protective equipment and municipal rubbish, was stored on site and disposed with the waste generated from the dry well areas.

3.3.5.1 Storage of Excavated Material

As described above in section 3.2.2.2, two lined staging areas were constructed to stockpile excavated non-TSCA and TSCA materials, and four, lined roll-off bins were placed on site to receive potentially characteristic/TSCA mixed wastes. Waste materials removed from pre-designated areas were placed in one of the three staging locations where it was subsequently loaded onto vehicles for transport to an off-site disposal/treatment facility. Soil wastes from the non-TSCA and TSCA staging areas were covered with plastic sheeting on a daily basis and when dust levels became visible and/or above the threshold based on feedback from on-site dust monitoring equipment.

Generated waste was removed from the site as quickly and safely as possible and within 90 days from generation. TSCA and characteristic wastes were removed from the site within the timeframe specified in applicable regulations.

3.3.5.2 Waste Characterization

As discussed in Section 3.2.3.3, excavated soil was segregated based on the waste type (non-TSCA/non-hazardous, TSCA waste, and potentially hazardous waste). The majority of the soil removed was non-TSCA, non-hazardous waste, impacted with low level total PCB concentrations (< 50 mg/kg). This waste stream was disposed at Waste Management, Inc. Facility located in Rio Rancho, New Mexico (WMF). The other two waste streams, the PCB-impacted waste manifested as TSCA and the hazardous waste were disposed at the US Ecology Facility located south of Beatty, Nevada (USEF).

Select existing site characterization data and data from the Pre-implementation Investigations were used to characterize the impact and characteristics of the soil for disposal purposes. To supplement the data and to fulfill requirements for the specific waste stream and disposal facility, additional analyses were performed on the wastes generated. In addition to the analytical data provided from PCB and metals (mercury, arsenic, barium, cadmium, chromium, lead, selenium, and silver) analysis performed on investigative derived wastes from the 2005 pre-implementation, the WMF required total petroleum hydrocarbon (TPH) analysis for waste acceptance. Therefore, three waste soil samples, which were collected from three test pits that were advanced in the planned shallow perimeter of the Main Excavation Area, were submitted for TPH analysis via EPA Method 8015. Supporting analytical data for the PSC Waste Profile was taken from the pre-implementation investigation results. The Waste Profile for the dry wells waste materials was based on the analytical results from the five samples analyzed as representative materials (see Section 3.2.4.3). Copies of the Waste Profile Sheets for the three waste streams are provided in Appendix D.

3.3.5.3 Waste Transportation and Disposal

Wastes generated at the site were segregated into one of three waste types and transported to one of two treatment and disposal facilities. As discussed earlier, the three waste types consisted of the following:

1) Low-level (<50 mg/kg) PCB impacted solid,
2) TSCA (>50 mg/kg) solid, and
3) Hazardous waste impacted with PCBs, Lead and Mercury.

The low-level PCB impacted solids (non-TSCA/non-hazardous) waste was disposed at the WMF. Applied treatment of the material was not undertaken. The PCB impacted solids (TSCA) waste was disposed at the USEF in a designated TSCA-waste permitted landfill. Similarly, applied treatment of the material was not undertaken. The hazardous waste material was also transported to the USEF; however, the waste was treated with a stabilization agent to impede leaching of the metal concentrations. The treated waste was subsequently disposed of in the RCRA/TSCA-waste permitted Subtitle C landfill.

The <50 mg/kg and >50mg/kg PCB soils were loaded onto end- or belly-dump trailers for transport to the respective disposal facility. The hazardous waste material, stored in Baker Tank roll-off bins, was transported off site by tractor-trailer rigs outfitted to hoist the bins.

Loading procedures were primarily performed using a front-end loader. However, on two occasions trailers were loaded using the excavator. During loading careful attention was paid so that, between the staging area and the trailer, no waste overflowed from the loader/excavator bucket. This was accomplished by filling to less than three-quarters full and raising the bucket over the staging area prior to transport to the trailer. Immediately following waste loading, and prior to leaving the exclusion zone, each trailer was brought to the decontamination pad for inspection prior to leaving the site. Trailer inspection consisted of checking tires, rails, bumpers and any surface that might collect debris or soil from the site and proper placard postings. Any loose materials were removed at the decontamination pad and, if necessary, new placards were attached to the trailer. Liquid-based decontamination was not employed during the project. Prior to leaving the decontamination pad, trailers were covered with on-board tarps designed to prevent fugitive dust. Prior to leaving the site, tractor operators and the GE site representative met to review transport safety procedures, the route to the disposal facility, and to execute shipment documents. Copies of all shipment documents are provided in Appendix E. A summary of the waste shipments is provided on Table 5.

3.3.6 Site Restoration

After the verification sampling results were evaluated and the results demonstrated that the cleanup objectives were met, the excavation areas were backfilled and the site surface was restored to approximate original grade. Prior to being brought to the site, a sample of the potential backfill was analyzed for VOCs, Semi-VOCs, PCBs, pesticides, and metals and confirmed to be clean. The results of this sampling are included in Appendix C. Staging areas and the decontamination pads were subsequently removed with the last loads of low-level PCB and the TSCA wastes, respectively. Removal of the decontamination pads and staging areas included a final scraping of the top four inches native material directly beneath the sheeting to ensure the collection of all wastes. During removal of the decontamination pads and staging areas, holes or punctures were not observed in the liners.

2111.5 tons of backfill material was imported to the site from the Santa Ana Sand and Gravel Pit located in Bernalillo, New Mexico, owned and operated by Lafarge, Inc. of Albuquerque, New Mexico. Each load of the imported material was inspected for consistency in taxonomy prior to use as on-site fill. In addition to the backfill analyses discussed above, the backfill source at the Santa Ana Sand and Gravel Pit was visited. During the site visit, a Phase I Environmental Site Assessment (ESA) report prepared in 2003 for the gravel pit was reviewed. Review of the ESA executive summary and conclusions section showed that Recognized Environmental Conditions per ASTM E1527-00 standard were not present or discovered at the gravel pit. A copy of the ESA was not made available.

3.3.7 Demobilization

Upon completion of excavation and restoration activities, site equipment was placed on new plastic sheeting and bulk soil was removed from the equipment tires/tracks, undercarriages, and top-side surfaces using hand tools (rakes, shovels, brooms). The bulk soil removed from the equipment was collected and placed in the Baker Tank bins for off-site disposal. Following removal of the bulk soil, and only where necessary, the equipment was washed, over new plastic sheeting, with high-pressure water. The approximate 5-gallons of wash wastewater was collected and placed in the Baker Tank bins.

4.0 Conclusion and Recommendation

The corrective measures described in the Final *Revised Closure Plan, Final Corrective Measure Study Report, and Preliminary Corrective Measure Implementation Work Plan (CMS/WP)* were implemented and are described and therefore documented in this report. Two variances from the *CMS/WP* were implemented based on findings in the field. These variances are as follows:

1. The area described as Dry Well #2 was determined to be a leachfield associated with Dry Well #1. Based on visual observations, the materials that comprised the leachfield (corrugated plastic pipe and gravel/cobble) were segregated as potentially hazardous waste and removed for off-site disposal.

2. The four-inch cast iron sewer line that extended from the oil/water separator located in the southwest corner of building to the sample vault located in the northwest corner of the property adjacent to McLeod Road was removed and segregated as potentially hazardous waste and removed for off-site disposal.

Based on results from pre-implementation investigation, the Main Excavation Area included removal of the western portion of the covered-area or overhang portion of the building and excavation up under this portion of the building. Conclusions from the Corrective Measures Implementation follow:

- Pre-implementation Investigation results confirmed the extent of the Main Excavation Area and provided confirmatory excavation wall sample results compliant with the TSCA requirements for verification sampling.

- A Fugitive Dust Control Permit, in accordance with New Mexico Administrative Code Title 20 Chapter 11 Part 20 Section 14 (NMAC 20.11.20.14), was obtained before site surface soils were disturbed. The permit provisions were implemented during all phases of corrective measures implementation.

- Site control was established prior to setup and excavation activities. Measurements and monumentation (staking/flagging) was performed by a professional surveyor registered in the State of New Mexico.

- The western half of the overhang portion of the building was removed and stored on site under remaining overhang.

- Waste staging areas and decontamination pads were installed prior to implementing excavation activities. The staging areas and decontamination pads were bermed and lined with plastic sheeting.

- All excavation extents defined in the *CMS/WP* and Pre-implementation Investigations were excavated. The wastes generated from the excavation activities were segregated based on the *CMS/WP* and Pre-implementation Investigations results as well as visual observations.

- A total of 2257.72 tons of waste was taken off-site for disposal.

- Wastes were segregated into one of three types as follows:
    - Non-TSCA/Non-hazardous Wastes impacted with total PCBs less than 50 mg/kg;
    - TSCA/Non-hazardous Wastes impacted with total PCBs greater than or equal to 50 mg/kg; and
    - TSCA/Hazardous Waste impacted with total PCBs greater than or equal to 50 mg/kg and containing hazardous waste characteristics.

- 1952.15 tons of Non-TSCA/Non-hazardous Wastes were hauled to the Waste Management Facility located in Rio Rancho, New Mexico for final disposal.

- 273.13 tons of TSCA/Non-hazardous Wastes were hauled to the US Ecology Facility located south of Beatty, Nevada for final disposal.

- 32.44 tons TSCA/Hazardous Wastes were hauled to the US Ecology Facility located south of Beatty, Nevada for stabilization treatment and final disposal.

- One of the 189 post-excavation soil sample results exceeded the site-specific corrective measure cleanup objective of one mg/kg total PCBs for soil less than 15 feet below ground surface. The area around the failed post-excavation sample location was excavated an additional one and a half feet deep and a new post-excavation verification sample was collected. The result from the new post exaction sample was non-detect (<0.033 mg/kg) for PCBs.

- PCBs were detected below the cleanup objective (1 mg/kg) at 45 post-excavation soil sample locations.

- PCBs were not detected in 143 of the 188 post-excavation soil samples. The analytical laboratory (STL's) reporting limit for total PCBs at these locations was 0.033 mg/kg.

- Duplicate analysis of post-excavation sample results show acceptable correspondence concerning relative precision of the sample collection and analytical procedures.

- The site was restored to original grades (±0.5 feet) using clean, imported fill material. Fill material (2111.5 tons) was imported to the site from the Santa Ana Sand and Gravel Pit located in Bernalillo, New Mexico, which is owned/operated by Lafarge, Inc. of Albuquerque, New Mexico.

Pursuant to the *CMS/WP* directives listed under section *8.5 Post Implementation Actions*; this report comprises the *Construction Certification Report.* We recommend that no additional corrective measures be required as all aspects of the implementation were met.

Pursuant to the section 8.5.1 of the *CMS/WP*, the results of the RFI and supplemental investigations demonstrate that groundwater has not been impacted by site activities. In addition, modeling indicates that the constituents known to be present at the site are not present at concentrations which would impact groundwater in the future. Because this corrective measure included removal of the dry wells, and other potential sources, and nearby soil, the soils with the highest impacts were removed. No threat to groundwater is anticipated. Therefore, there is no need to monitor groundwater quality in the future. As stated in section 8.5 of the CMS/WP, "after the corrective measure is implemented, and the post excavation sampling results verify that soil remaining at the site does not contain significantly greater concentrations of constituents than were identified during the RFI, the groundwater monitoring wells will be properly decommissioned."

As proposed in the Draft Corrective Measure Implementation Report, the on-site monitoring wells were decommissioned in accordance with NMED *Monitoring Well Construction and Abandonment Guidelines.* A letter report summarizing decommissioning methods will be submitted to the Groundwater Pollution Prevention Section of NMED.

TABLES

TABLE 1
HISTORICAL INVESTIGATION ANALYTICAL DATA
FORMER APPARATUS SERVICE CENTER
4420 MCLEOD ROAD NE
ALBUQUERQUE, NEW MEXICO
AMEC Project No. 3-4915-0021

Location	Depth (ft)	Total Cr (mg/kg)	Sampling Date
7B-1	20	ND	04/25/1991
	25	ND	04/25/1991
	35	ND	04/25/1991
7B-2	20	**3.4**	04/25/1991
	25	ND	04/25/1991
	35	ND	04/25/1991
7B-3	10	ND	04/30/1991
	15	ND	04/30/1991
	20	ND	04/30/1991
	25	ND	04/30/1991
	30	ND	04/30/1991
	40	ND	04/30/1991
7B-4	10	ND	05/01/1991
	15	ND	05/01/1991
	20	ND	05/01/1991
	25	ND	05/01/1991
	30	ND	05/01/1991
	40	ND	05/01/1991
	50	ND	05/01/1991
	60	ND	05/01/1991
7B-5	10	0.56	05/01/1991
	15	ND	05/01/1991
	20	ND	05/01/1991
	25	ND	05/02/1991
	30	ND	05/02/1991
	40	ND	05/01/1991
7B-6	10	3.9	05/02/1991
	15	0.33	05/02/1991
	20	0.042	05/02/1991
	25	0.11	05/02/1991
	30	ND	05/02/1991
	40	ND	05/02/1991
B-1	17 - 18	ND	04/16/1986
	23 - 24	ND	04/16/1986
	26 - 27	ND	04/16/1986
	34 - 35	ND	04/16/1986
	41 - 42	0.12	04/16/1986
	52.5 - 53.5	ND	04/16/1986
	60 - 61	**1.85**	04/16/1986
	9 - 10	**20.4**	04/16/1986
	86 - 87	**9.4**	04/16/1986
	96 - 97	**36**	04/16/1986
	103 - 104	ND	04/16/1986
	11 - 12	ND	04/16/1986
B-1A	17 - 19	**4.4**	02/22/1990
	27 - 29	ND	02/22/1990
	37 - 39	ND	02/23/1990
	47 - 49	ND	02/22/1990

Location	Depth (ft)	Total Cr (mg/kg)	Sampling Date
B-2	4 - 5	**110**	02/22/1990
	14 - 15	0.295	05/11/1990
	19 - 20	ND	05/11/1990
	29 - 30	0.745	05/11/1990
	4 - 5	**58**	05/11/1990
B-3	9 - 10	ND	05/08/1990
	14 - 15	ND	05/08/1990
	19 - 20	ND	05/08/1990
	25 - 26	ND	05/08/1990
	29 - 30	ND	05/08/1990
	4 - 5	ND	05/08/1990
B-4	0 - 1	**1.3**	05/09/1990
	14 - 15	**1.9**	05/09/1990
	19 - 20	0.19	05/09/1990
	24 - 25	ND	05/09/1990
	29 - 30	0.56	05/09/1990
	4 - 5	ND	05/09/1990
B-5	0 - 1	**3.8**	05/09/1990
	14 - 15	0.24	05/09/1990
	19 - 20	0.56	05/10/1990
	24 - 25	ND	05/09/1990
	29 - 30	ND	05/09/1990
	34 - 35	ND	05/09/1990
	4 - 5	0.34	05/09/1990
B-6	0 - 1	**1.5**	05/10/1990
	14 - 15	0.44	05/10/1990
	19 - 20	**3.6**	05/10/1990
	24 - 25	0.18	05/10/1990
	29 - 30	ND	05/10/1990
	4 - 5	**4.7**	05/10/1990
B-7	0 - 1	**2.2**	05/11/1990
	16 - 17	0.48	05/12/1990
	19 - 20	**1.8**	05/12/1990
	24 - 25	0.6	05/11/1990
	29 - 30	0.21	05/11/1990
	34 - 35	ND	05/11/1990
	39 - 40	ND	05/11/1990
	44 - 45	ND	05/11/1990
B-8	5 - 6.5	ND	05/12/1990
	10 - 11.5	ND	05/12/1990
	15 - 16.5	ND	05/12/1990
	20 - 21.5	ND	05/12/1990
B-9	5 - 6.5	ND	05/12/1990
	10 - 11.5	ND	05/12/1990
	15 - 16.5	ND	05/12/1990
	20 - 21.5	ND	05/12/1990
B-10	5 - 6.5	ND	05/12/1990
	10 - 11.5	ND	05/12/1990
	15 - 16.5	ND	05/12/1990
	20 - 21.5	ND	05/12/1990

TABLE 1
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FORMER APPARATUS SERVICE CENTER
4420 MCLEOD ROAD NE
ALBUQUERQUE, NEW MEXICO
AMEC Project No. 3-4915-0021

[illegible]	[illegible]	[illegible]	[illegible]
B-11	5 - 6.5	0.22	05/12/1990
	10 - 11.5	ND	05/12/1990
	15 - 16.5	ND	05/12/1990
	20 - 21.5	ND	05/12/1990
B-12	5 - 6.5	ND	05/15/1990
	10 - 11.5	ND	05/15/1990
	15 - 16.5	ND	05/15/1990
	20 - 21.5	0.69	05/15/1990
	25 - 26.5	0.34	05/15/1990
	30 - 31.5	0.33	05/15/1990
B-13	5 - 6.5	ND	05/15/1990
	10 - 11.5	0.43	05/15/1990
	15 - 16.5	0.55	05/15/1990
	20 - 21.5	0.25	05/15/1990
	25 - 26.5	0.47	05/15/1990
	30 - 31.5	ND	05/15/1990
B-14	5 - 6.5	ND	05/16/1990
	10 - 11.5	0.24	05/16/1990
	15 - 16.5	ND	05/16/1990
	20 - 21.5	0.63	05/16/1990
	25 - 26.5	ND	05/16/1990
	30 - 31.5	ND	05/16/1990
	35 - 36.5	ND	05/16/1990
	40 - 41.5	ND	05/16/1990
HA-1	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-2	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-3	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-4	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-5	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-6	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-7	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-8	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-9	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-10	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-11	0 - 0.5	ND	05/07/1990
	1 - 1.5	ND	05/07/1990
HA-12	0 - 0.5	ND	05/07/1990
	1 - 1.5	0.19	05/07/1990
HA-13	0 - 0.5	0.18	05/08/1990
	1 - 1.5	ND	05/08/1990

[illegible]	[illegible]	[illegible]	[illegible]
HA-14	0 - 0.5	0.57	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-15	0 - 0.5	ND	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-16	0 - 0.5	ND	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-17	0 - 0.5	0.3	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-18	0 - 0.5	ND	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-19	0 - 0.5	0.38	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-20	0 - 0.5	0.46	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-21	0 - 0.5	0.53	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-22	0 - 0.5	0.207	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-23	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-24	0 - 0.5	ND	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-25	0 - 0.5	0.41	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-26	0 - 0.5	**3.3**	05/08/1990
	1 - 1.5	**1.7**	05/08/1990
HA-27	0 - 0.5	ND	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-28	0 - 0.5	ND	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-29	0 - 0.5	ND	05/08/1990
	1 - 1.5	ND	05/08/1990
HA-30	0 - 0.5	ND	05/08/1990
	1 - 1.5	0.66	05/08/1990
HA-31	0 - 0.5	0.19	05/08/1990
	1 - 1.5	0.18	05/08/1990
HA-32	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-33	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-34	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-35	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-36	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-37	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-38	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990

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AMEC Project No. 3-4915-0021

[illegible]	[illegible]	[illegible]	[illegible]
HA-39	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-40	0 - 0.5	**1.6**	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-41	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-42	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-43	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-44	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-45	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-46	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-47	0 - 0.5	ND	05/09/1990
	1 - 1.5	ND	05/09/1990
HA-48	0 - 0.5	**1.9**	05/09/1990
	1 - 1.5	ND	05/09/1990
HB-1	0 - 0.5	ND	12/17/1984
	3 - 3.5	ND	12/17/1984
HB-2	0 - 0.5	ND	12/17/1984
	1 - 1.5	ND	12/17/1984
	4 - 4.5	ND	12/17/1984
HB-3	0 - 0.5	**3.8**	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-4	0 - 0.5	**7.7**	12/17/1984
	1 - 1.5	ND	12/17/1984
	3 - 3.5	ND	12/17/1984
HB-5	0 - 0.5	ND	12/17/1984
	1 - 1.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-6	0 - 0.5	**1.3**	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-7	0 - 0.5	ND	12/17/1984
	1 - 1.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-8	0 - 0.5	**14.2**	12/17/1984
	1 - 1.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-9	0 - 0.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-10	0 - 0.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-11	0 - 0.5	ND	12/17/1984
	1 - 1.5	ND	12/17/1984
HB-12	0 - 0.5	ND	12/17/1984
	1 - 1.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984

[illegible]	[illegible]	[illegible]	[illegible]
HB-13	0 - 0.5	ND	12/17/1984
	1 - 1.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-14	0 - 0.5	**9.8**	12/17/1984
	11 - 11.5	**7.5**	12/17/1984
	12.5 - 13	**3.3**	12/17/1984
	13.5 - 14	ND	12/17/1984
	14.5 - 15	**1.6**	12/17/1984
	2 - 2.5	**4.2**	12/17/1984
	4.5 - 5	**4**	12/17/1984
	7.5 - 8	**5.1**	12/17/1984
HB-15	0 - 0.5	**2050**	12/17/1984
	1 - 1.5	**19000**	12/17/1984
	2 - 2.5	**16**	12/17/1984
	3 - 3.5	**46**	12/17/1984
	4.5 - 5	**15.4**	12/17/1984
	1 - 1.5	**5500**	12/17/1984
HB-16	0 - 0.5	**26.7**	12/17/1984
	3 - 3.5	ND	12/17/1984
HB-17	0 - 0.5	**2.3**	12/17/1984
	1 - 1.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-18	0 - 0.5	**16.2**	12/17/1984
	1 - 1.5	ND	12/17/1984
	3 - 3.5	ND	12/17/1984
HB-19	0 - 0.5	**12.8**	12/17/1984
	2 - 2.5	ND	12/17/1984
	3 - 3.5	ND	12/17/1984
HB-20	0 - 0.5	**4.3**	12/17/1984
	3 - 3.5	ND	12/17/1984
HB-21	0 - 0.5	**3.5**	12/17/1984
	1 - 1.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-22	0 - 0.5	ND	12/17/1984
	1 - 1.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984
	3 - 3.5	ND	12/17/1984
HB-23	0 - 0.5	ND	12/17/1984
	1 - 1.5	ND	12/17/1984
	2 - 2.5	ND	12/17/1984
	3 - 3.5	ND	12/17/1984
HB-24	0 - 0.5	**1.8**	12/17/1984
	1 - 1.5	ND	12/17/1984
	3 - 3.5	ND	12/17/1984
HB-25	0 - 0.5	**5.7**	12/17/1984
	2 - 2.5	ND	12/17/1984
HB-26	0 - 0.5	**10.9**	12/17/1984
	2 - 2.5	ND	12/17/1984

TABLE 1
HISTORICAL INVESTIGATION ANALYTICAL DATA
FORMER APPARATUS SERVICE CENTER
4420 MCLEOD ROAD NE
ALBUQUERQUE, NEW MEXICO
AMEC Project No. 3-4915-0021

[illegible]	[illegible]	[illegible]	[illegible]
HB-27	0 - 0.5	ND	12/17/1984
	1 - 1.5	ND	12/17/1984
	3 - 3.5	ND	12/17/1984
HB-28	0 - 0.5	**5.2**	12/17/1984
	2 - 2.5	ND	12/17/1984
	3 - 3.5	ND	12/17/1984
5001	5	0.018	02/11/2004
	10	0.017	02/11/2004
	15	0.007	02/11/2004
5002	5	0.56	02/11/2004
	10	0.11	02/11/2004
	15	0.12	02/11/2004
5003	5	**1.6**	02/11/2004
	10	ND	02/11/2004
	15	**2.6**	02/11/2004
5004	5	**3.7**	02/11/2004
	10	**6.2**	02/11/2004
	15	**3.32**	02/11/2004
5005	5	**7.2**	02/11/2004
	10	**4.2**	02/11/2004
	15	**3.9**	02/11/2004
5006	5	**13**	02/11/2004
	10	0.17	02/11/2004
	15	ND	02/11/2004
5007	5	**6.3**	02/11/2004
	10	**3.3**	02/11/2004
	15	0.027	02/11/2004
5008	5	**92**	02/11/2004
	10	**18**	02/11/2004
	15	0.48	02/11/2004
5009	5	**1**	02/11/2004
	10	0.22	02/11/2004
	15	0	02/11/2004
5010	5	**4.6**	02/09/2004
	10	0.069	02/09/2004
	15	0.14	02/09/2004
5011	5	0.93	02/11/2004
	10	0.091	02/11/2004
	15	ND	02/11/2004
5012	1	**11**	02/12/2004
	2	0.1	03/11/2004
	5	0.07	03/11/2004
5013	1	**17**	02/12/2004
	2	0.09	03/11/2004
	5	0.02	03/11/2004
5014	1	**16**	02/12/2004
	2	0.09	03/11/2004
	5	0	03/11/2004

[illegible]	[illegible]	[illegible]	[illegible]
5015	5	**11**	02/09/2004
	10	0.05	02/09/2004
	15	ND	02/09/2004
5016	5	0.6	02/09/2004
	10	0.03	02/09/2004
	15	0.004	02/09/2004
5017	5	**75**	02/09/2004
	10	**2**	02/09/2004
	15	0.03	02/09/2004
5018	5	**99**	02/06/2004
	10	**1.6**	02/06/2004
	15	0.15	02/06/2004
5019	5	**46**	02/12/2004
	10	**8.4**	02/12/2004
	15	0.36	02/12/2004
5020	5	**40**	02/12/2004
	10	**7.8**	02/12/2004
	15	**2.7**	02/12/2004
5021	5	**9.1**	02/12/2004
	10	0.31	02/12/2004
	15	ND	02/12/2004
5022	5	ND	02/10/2004
	10	ND	02/10/2004
	15	ND	02/10/2004
5023	5	0.006	02/10/2004
	10	ND	02/10/2004
	15	0.02	02/10/2004
5024	5	0.54	02/10/2004
	10	0.071	02/10/2004
	15	0.093	02/10/2004
5025	5	0.037	02/12/2004
	10	0.1	02/12/2004
	15	0.053	02/12/2004
5026	5	0.5	02/10/2004
	10	0.2	02/10/2004
	15	ND	02/10/2004
5027	5	0.025	02/10/2004
	10	0.19	02/10/2004
	15	0.12	02/10/2004
5028	5	0.24	02/10/2004
	10	0.48	02/10/2004
	15	0.43	02/10/2004
5029	5	0.62	02/09/2004
	10	0.22	02/09/2004
	15	0.008	02/09/2004
5030	5	0.009	02/09/2004
	10	0.25	02/09/2004
	15	0.34	02/09/2004

TABLE 1
HISTORICAL INVESTIGATION ANALYTICAL DATA
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[illegible]	[illegible]	[illegible]	[illegible]
5031	5	0.2	02/09/2004
	10	0.4	02/09/2004
	15	0.3	02/09/2004
5032	5	ND	02/09/2004
	10	0.18	02/09/2004
	15	0.38	02/09/2004
5033	5	0.087	02/06/2004
	10	0.012	02/06/2004
	15	0.044	02/06/2004
5034	5	0.26	02/10/2004
	10	0.16	02/10/2004
	15	0.051	02/10/2004
5035	5	0.06	02/10/2004
	10	0.02	02/10/2004
	15	0.1	02/10/2004
5036	5	ND	02/06/2004
	10	0.12	02/06/2004
	15	0.2	02/06/2004
5037	5	**1**	02/10/2004
	10	0.3	02/10/2004
	15	0.2	02/10/2004
5038	5	0.98	02/10/2004
	10	0.28	02/10/2004
	15	0.11	02/10/2004
5039	6	0.12	02/06/2004
	11	ND	02/06/2004
5040	6	0.073	02/06/2004
	11	ND	02/06/2004
5041	6	0.3	02/06/2004
	11	0.27	02/06/2004
5042	6	ND	02/05/2004
	11	0.014	02/05/2004
5043	6	ND	02/05/2004
	11	ND	02/05/2004
5044	6	ND	02/05/2004
	11	ND	02/05/2004
5045	6	ND	02/05/2004
	11	ND	02/05/2004
5046	6	0.01	02/05/2004
	11	ND	02/05/2004
5047	6	0.37	02/05/2004
	11	0.11	02/05/2004
5048	6	ND	02/05/2004
	11	ND	02/05/2004
5049	6	0.16	02/06/2004
	11	0.025	02/06/2004
5050	6	**3.4**	02/06/2004
	11	**2**	02/06/2004

[illegible]	[illegible]	[illegible]	[illegible]
5051	5	ND	02/12/2004
	10	ND	02/12/2004
	15	ND	02/12/2004
5052	6	**2.1**	02/12/2004
	11	0.17	02/12/2004
	13	0.023	02/12/2004
	15	ND	02/12/2004
5053	6	**4.1**	02/12/2004
	11	ND	02/12/2004
	13	0.008	02/12/2004
	15	0.021	02/12/2004
5054	5	0.02	03/11/2004
	8	0.07	03/11/2004
5055	1	**1**	03/10/2004
	2	0.005	03/11/2004
5056	1	**2**	03/10/2004
	2	0.01	03/11/2004
5057	1	**9**	03/10/2004
	2	0.08	03/11/2004
5058	6	0.3	03/10/2004
	8	0.3	03/10/2004
5059	6	**1**	03/10/2004
	8	0.6	03/10/2004
5060	6	0.2	03/10/2004
	8	**3**	03/10/2004
	11	0.2	03/10/2004
5061	5	**1**	03/10/2004
	8	**1**	03/10/2004
	10	0.3	03/10/2004
5062	5	**59**	03/10/2004
	10	0.4	03/10/2004
5063	5	**2**	03/10/2004
	10	0.3	03/10/2004
5064	5	**1**	03/10/2004
	10	0.3	03/10/2004
	15	0.8	03/10/2004
5065	5	0.1	03/11/2004
	10	0.4	03/11/2004
5066	5	**10**	03/11/2004
	10	0.6	03/11/2004
5067	5	**64**	03/11/2004
	8	0.4	03/11/2004
5068	5	**6**	03/11/2004
	10	**75**	03/11/2004
	15	**15**	03/11/2004
5069	10	**118**	03/11/2004
	13	**40**	03/11/2004
	15	**37**	04/05/2004
	20	**15**	04/05/2004
	25	ND	04/05/2004

TABLE 1
HISTORICAL INVESTIGATION ANALYTICAL DATA
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5070	3	**32**	03/11/2004
	5	0.3	03/11/2004
	8	0.3	03/11/2004
	10	0.1	03/11/2004
	15	0.1	04/05/2004
5071	5	0.02	03/11/2004
	8	0.06	03/11/2004
5072	5	0.03	03/10/2004
	8	0.04	03/10/2004
5073	5	0.02	03/11/2004
	10	0.06	03/11/2004
	15	0.6	03/11/2004
5074	1	0.8	04/06/2004
	2	ND	04/06/2004
5075	1	**1**	04/06/2004
	2	ND	04/06/2004
5076	1	**2**	04/06/2004
	2	ND	04/06/2004
5077	1	**5**	04/06/2004
	2	ND	04/06/2004
5078	6	0.03	04/05/2004
	8	0.1	04/05/2004
5079	6	ND	04/06/2004
	8	0.07	04/06/2004
5080	5	0.3	04/05/2004
	8	0.01	04/05/2004
5081	5	0.4	04/05/2004
	8	0.4	04/05/2004
5082	5	0.1	04/06/2004
	10	0.5	04/06/2004
5083	5	ND	04/06/2004
	10	0.007	04/06/2004
5084	5	ND	04/06/2004
	8	0.09	04/06/2004
5085	5	0.2	04/06/2004
	8	0.02	04/06/2004
5086	5	ND	04/06/2004
	8	0.01	04/06/2004
5087	5	0.7	04/05/2004
	10	0.3	04/05/2004
5088	5	**3**	04/05/2004
	10	**17**	04/05/2004
	15	0.14	04/05/2004
5089	5	0.3	04/27/2004
	10	0.01	04/27/2004
5090	5	ND	04/27/2004
	10	0.01	04/27/2004
5091	1	**2**	04/27/2004
	2	0.09	04/27/2004

5092	1	0.3	04/27/2004
	2	0.06	04/27/2004
5093	1	0.4	04/27/2004
	2	ND	04/27/2004
5094	1	0.2	04/27/2004
	2	0.006	04/27/2004
5095	1	**2**	05/12/2004
	2	0.004	05/12/2004
5096	1	0.5	05/21/2004
5097	1	0.6	05/21/2004
5098	5	0.006	01/25/2005
	10	0.05	01/25/2005
	15	ND	01/25/2005
5099	5	0.5	01/25/2005
	10	**2**	01/25/2005
	15	**2**	01/25/2005
5100	5	0.009	01/25/2005
	10	0.007	01/25/2005
	15	0.006	01/25/2005
5101	5	0.6	01/25/2005
	10	0.04	01/25/2005
	15	**2**	01/25/2005
5102	5	0.02	01/25/2005
	10	ND	01/25/2005
	15	0.02	01/25/2005
5103	5	0.02	02/04/2005
	10	**2**	02/04/2005
	15	**1**	02/04/2005
5104	5	**20.6**	02/04/2005
	10	**1.02**	02/04/2005
	15	**1.03**	02/04/2005
5105	5	0.03	02/04/2005
	10	0.004	02/04/2005
	15	0.03	02/04/2005
5106	5	0.02	05/13/2005
	10	ND	05/13/2005
	15	ND	05/13/2005
5107	5	0.4	05/13/2005
	10	ND	05/13/2005
	15	ND	05/13/2005
5108	5	0.5	05/13/2005
	10	ND	05/13/2005
	15	0.02	05/13/2005
5109	5	ND	05/13/2005
	10	ND	05/13/2005
	15	ND	05/13/2005
5110	5	ND	05/13/2005
	10	ND	05/13/2005
	15	ND	05/13/2005

TABLE 1
HISTORICAL INVESTIGATION ANALYTICAL DATA
FORMER APPARATUS SERVICE CENTER
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[illegible]	[illegible]	[illegible]	[illegible]
5111	5	ND	05/13/2005
	10	ND	05/13/2005
	15	ND	05/13/2005
5112	5	ND	05/13/2005
	10	ND	05/13/2005
	15	ND	05/13/2005

TABLE 2
SUMMARY OF RESULTS
FROM POST EXCAVATION SAMPLING AND ANALYSIS
FORMER APPARATUS SERVICE CENTER
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ME-D6-1.5	ME	D6	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.130**	<0.033	<0.033	**0.130**		
ME-D7-1.5	ME	D7	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-D8-1.5	ME	D8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-E6-1.5	ME	E6	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-E7-1.5	ME	E7	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-E8-1.5	ME	E8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-F6-1.5	ME	F6	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.120**	<0.033	<0.033	**0.120**		
ME-F7-1.5	ME	F7	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	
ME-F8-1.5	ME	F8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-G8-1.5	ME	G8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.210**	<0.033	<0.033	**0.210**		
ME-G7-1.5	ME	G7	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-G6-1.5	ME	G6	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-G5-1.5	ME	G5	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-G4-1.5	ME	G4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-G3-1.5	ME	G3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-H2-1.5	ME	H2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-H3-1.5	ME	H3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-H4-1.5	ME	H4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-H5-1.5	ME	H5	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		YES
ME-H6-1.5	ME	H6	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.051**	<0.033	<0.033	**0.051**		
ME-H7-1.5	ME	H7	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-I5-1.5	ME	I5	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-I6-1.5	ME	I4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-I7-1.5	ME	I3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-J4-1.5	ME	J4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-K8-1.5	ME	K8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-L8-1.5	ME	L8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-L7-1.5	ME	L7	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		

TABLE 2
SUMMARY OF RESULTS
FROM POST EXCAVATION SAMPLING AND ANALYSIS
FORMER APPARATUS SERVICE CENTER
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ME-M7-1.5	ME	M7	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-M8-1.5	ME	M8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-M9-1.5	ME	M9	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-L9-1.5	ME	L9	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.150**	<0.033	<0.033	**0.150**		
ME-N9-1.5	ME	N9	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.082**	<0.033	<0.033	**0.082**		
ME-N8-1.5	ME	N8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-N7-1.5	ME	N7	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-O7-1.5	ME	O7	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-O8-1.5	ME	O8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.070**	<0.033	<0.033	**0.070**		
ME-O9-1.5	ME	O9	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-P7-1.5	ME	P7	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-P8-1.5	ME	P8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-P9-1.5	ME	P9	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	
ME-O10-1.5	ME	O10	1.5	<0.330	<0.470	<0.330	<0.330	<0.330	**1.900**	<0.330	<0.330	<0.330	**1.900**		
ME-O10-3.0	ME	O10	3.0	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-O11-1.5	ME	O11	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	**0.066**	<0.033	<0.033	<0.033	**0.066**		
ME-P10-1.5	ME	P10	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-P11-1.5	ME	P11	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-P12-1.5	ME	P12	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-P13-1.5	ME	P13	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-P14-1.5	ME	P14	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-P15-1.5	ME	P15	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-Q15-1.5	ME	Q15	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-Q14-1.5	ME	Q14	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	**0.033**	<0.033	<0.033	<0.033	**0.033**		
ME-Q13-1.5	ME	Q13	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-Q12-1.5	ME	Q12	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		YES
ME-Q11-1.5	ME	Q11	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-Q10-1.5	ME	Q10	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		

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ME-Q9-1.5	ME	Q9	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-Q8-1.5	ME	Q8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-R8-1.5	ME	R8	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-R9-1.5	ME	R9	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-R10-1.5	ME	R10	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-R11-1.5	ME	R11	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-R12-1.5	ME	R12	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-R13-1.5	ME	R13	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-R14-1.5	ME	R14	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-D15-1.5	ME	D15	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
DR-R18-1.5	DR	R18	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
DR-S18-1.5	DR	S18	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
DR-R19-1.5	DR	R19	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	
DR-R19-1.5	DR	R19	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
DR-R20-1.5	DR	R20	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
DR-S20-1.5	DR	S20	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
DR-R21-1.5	DR	R21	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
DR-R22-1.5	DR	R22	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
DR-R23-1.5	DR	R23	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
DR-S21-1.5	DR	S21	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
DR-S22-1.5	DR	S22	1.5	<0.066	<0.094	<0.066	<0.066	<0.066	<0.066	**0.370**	<0.066	<0.066	**0.370**		YES
DR-S23-1.5	DR	S23	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-26-A2-2.5	HA-26	A2	2.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.140**	<0.033	<0.033	**0.140**		
HA-26-B1-2.5	HA-26	B1	2.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.120**	<0.033	<0.033	**0.120**		
HA-26-B2-2.5	HA-26	B2	2.5	<0.066	<0.094	<0.066	<0.066	<0.066	<0.066	**0.520**	<0.066	<0.066	**0.520**	**0.110**	
HA-26-B3-2.5	HA-26	B3	2.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-26-A3-2.5	HA-26	A3	2.5	<0.066	<0.094	<0.066	<0.066	<0.066	<0.066	**0.350**	<0.066	<0.066	**0.350**		
HA-26-B4-2.5	HA-26	B4	2.5	<0.160	<0.240	<0.160	<0.160	<0.160	<0.160	**0.710**	<0.160	<0.160	**0.710**		

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HA-26-C3-2.5	HA-26	C3	2.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.110**	<0.033	<0.033	**0.110**		YES
HA-26-D3-2.5	HA-26	D3	2.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.040**	<0.033	<0.033	**0.040**		
HA-26-C4-2.5	HA-26	C4	2.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-26-C1-2.5	HA-26	C1	2.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-26-C2-2.5	HA-26	C2	2.5	<0.066	<0.094	<0.066	<0.066	<0.066	<0.066	**0.340**	<0.066	<0.066	**0.340**		
HA-26-D2-2.5	HA-26	D2	2.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.056**	<0.033	<0.033	**0.056**		
HB-28-B2-1.5	HB-28	B2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-3-A2-1.5	HB-3	A2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-3-B1-1.5	HB-3	B1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-3-B2-1.5	HB-3	B2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	
MB-3-A3-1.5	HB-3	A3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-3-B3-1.5	HB-3	B3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-3-B4-1.5	HB-3	B4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-3-C3-1.5	HB-3	C3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		YES
HB-3-D3-1.5	HB-3	D3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.041**	<0.033	<0.033	**0.041**		
HB-3-C4-1.5	HB-3	C4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-3-C2-1.5	HB-3	C2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-3-D2-1.5	HB-3	D2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-3-C1-1.5	HB-3	C1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-4-B2-1.5	HB-4	B2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	
HB-4-B1-1.5	HB-4	B1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.047**	<0.033	<0.033	**0.047**		
HB-4-A2-1.5	HB-4	A2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-4-A3-1.5	HB-4	A3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-4-B3-1.5	HB-4	B3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-4-B4-1.5	HB-4	B4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.049**	<0.033	<0.033	**0.049**		
HB-4-C2-1.5	HB-4	C2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.160**	<0.033	<0.033	**0.160**		
HB-4-C1-1.5	HB-4	C1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.150**	<0.033	<0.033	**0.150**		
HB-4-D2-1.5	HB-4	D2	1.5	<0.066	<0.094	<0.066	<0.066	<0.066	<0.066	**0.370**	<0.066	<0.066	**0.370**		

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HB-4-D3-1.5	HB-4	D3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.055**	<0.033	<0.033	**0.055**		
HB-4-C3-1.5	HB-4	C3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.048**	<0.033	<0.033	**0.048**		YES
HB-4-C4-1.5	HB-4	C4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-30-B2-1.5	HA-30	B2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.043**	<0.033	<0.033	**0.043**	<0.033	
HA-30-C1-1.5	HA-30	C1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-30-B1-1.5	HA-30	B1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.100**	<0.033	<0.033	**0.100**		
HA-30-A2-1.5	HA-30	A2	1.5	<0.160	<0.240	<0.160	<0.160	<0.160	<0.160	**0.730**	<0.160	<0.160	**0.730**		
HA-30-C2-1.5	HA-30	C2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-30-D2-1.5	HA-30	D2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.220**	<0.033	<0.033	**0.220**		
HA-30-D3-1.5	HA-30	D3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.057**	<0.033	<0.033	**0.057**		
HA-30-C3-1.5	HA-30	C3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.047**	<0.033	<0.033	**0.047**		YES
HA-30-C4-1.5	HA-30	C4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-30-B4-1.5	HA-30	B4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.034**	<0.033	<0.033	**0.034**		
HA-30-B3-1.5	HA-30	B3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-30-A3-1.5	HA-30	A3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.160**	<0.033	<0.033	**0.160**		
HA-40-A2-1.5	HA-40	A2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.051**	<0.033	<0.033	**0.051**		
HA-40-B1-1.5	HA-40	B1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-40-B2-1.5	HA-40	B2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	
HA-40-A3-1.5	HA-40	A3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-40-B3-1.5	HA-40	B3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-40-B4-1.5	HA-40	B4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.057**	<0.033	<0.033	**0.057**		
HA-40-C3-1.5	HA-40	C3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		YES
HA-40-D3-1.5	HA-40	D3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-40-C4-1.5	HA-40	C4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-40-C2-1.5	HA-40	C2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-40-C1-1.5	HA-40	C1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HA-40-D2-1.5	HA-40	D2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.220**	<0.033	<0.033	**0.220**		
HB-6-B1-1.5	HB-6	B1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		

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HB-6-C1-1.5	HB-6	C1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.086**	<0.033	<0.033	**0.086**		
HB-6-D2-1.5	HB-6	D2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.065**	<0.033	<0.033	**0.065**		
HB-6-C2-1.5	HB-6	C2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.160**	<0.033	<0.033	**0.160**		
HB-6-C3-1.5	HB-6	C3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		YES
HB-6-B2-1.5	HB-6	B2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.035**	<0.033	<0.033	**0.035**	**0.044**	
HB-6-B3-1.5	HB-6	B3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-6-A3-1.5	HB-6	A3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-6-B4-1.5	HB-6	B4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-6-C4-1.5	HB-6	C4	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-28-A2-1.5	HB-28	A2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-28-B1-1.5	HB-28	B1	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-28-C2-1.5	HB-28	C2	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-28-B3-1.5	HB-28	B3	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		YES
HB-21-MID-1	HB-21	MID	1	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-21-R26-1	HB-21	R26	1	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-21-R25-1	HB-21	R25	1	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-21-S25-1	HB-21	S25	1	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
HB-21-S26-1	HB-21	S26	1	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.071**	<0.033	<0.033	**0.071**		YES
ME-J5-11	ME	J5	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-K5-1.5	ME	K5	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-K6-11	ME	K6	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-J6-11	ME	J6	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-I6-11	ME	I6	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-I7-11	ME	I7	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-J7-11	ME	J7	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	**0.100**	<0.033	<0.033	**0.100**		
ME-K7-11	ME	K7	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-H8-11	ME	H8	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-G9-11	ME	G9	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	YES

TABLE 2
SUMMARY OF RESULTS
FROM POST EXCAVATION SAMPLING AND ANALYSIS
FORMER APPARATUS SERVICE CENTER
4420 MCLEOD ROAD NE
ALBUQUERQUE, NEW MEXICO
AMEC Project No. 3-4915-0021

ME-H9-11	ME	H9	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-I9-11	ME	I9	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-J9-11	ME	J9	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-I10-11	ME	I10	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-H10-11	ME	H10	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-G10-11	ME	G10	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-J10-11	ME	J10	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	
ME-K9-11	ME	K9	11	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		YES
ME-O12-10	ME	O12	10	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-N13-10	ME	N13	10	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-N14-10	ME	N14	10	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	
ME-O13-10	ME	O13	10	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-O14-10	ME	O14	10	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-M15-10	ME	M15	10	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-N15-10	ME	N15	10	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-O15-1.5	ME	O15	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-D14-10	ME	D14	10	<0.033	<0.047	<0.033	<0.033	<0.033	**0.023**	**0.031**	<0.033	<0.033	**0.054**		YES
ME-E13-10	ME	E13	10	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	
ME-F13-1.5	ME	F13	1.5	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-E14-10	ME	E14	10	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		
ME-K10-10	ME	K10	10	<0.033	<0.047	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033		YES

TABLE 3
SUMMARY OF SAMPLING AND ANALYSIS RESULTS FROM
DRY WELLS REPRESENTATIVE AREAS
FORMER APPARATUS SERVICE CENTER
4420 MCLEOD ROAD NE
ALBUQUERQUE, NEW MEXICO
AMEC Project No. 3-4915-0021

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1,4-Dichlorobenzene	<20	<0.17	<20	<1.7	<17
1,2,4-Trichlorobenzene	**35**	<0.17	24	3.2	<17
Naphthalene	<3.9	<0.034	<3.9	<0.33	**0.73**
2-Methylnaphthalene	**7**	<0.17	<20	<1.7	<17
Chrysene	<3.9	<0.034	<3.9	**0.088**	<3.3
Bis(2-ethylhexyl)phthalate	24	<0.17	<20	<1.7	**50**
Indeno(1,2,3-cd)pyrene	<3.9	<0.034	<3.9	**0.083**	<3.3
Dibenzo(a,h)anthracene	<3.9	<0.034	<3.9	**0.086**	<3.3
[illegible]					
Toluene	<0.0062	<0.0053	<0.031	<0.026	**1.3**
Tetrachloroethene	<0.0062	<0.0053	**1.6**	<0.052	0.17
Ethylbenzene	<0.0062	<0.0053	<0.031	<0.026	**0.69**
m&p-Xylenes	<0.012	<0.011	0.39	<0.052	**2.5**
o-Xylene	<0.0062	<0.0053	0.085	<0.026	**0.55**
1,2,4-Trimethylbenzene	<0.0062	<0.0053	<0.12	<0.1	**0.17**
p-Isopropyltoluene	<0.0062	<0.0053	<0.12	<0.1	**0.21**
1,2,4-Trichlorobenzene	0.032	<0.0053	**1.1**	0.72	<0.1
1,2,3-Trichlorobenzene	0.034	<0.0053	**13**	9.5	<0.1
[illegible]					
Aroclor 1248	**61**	<6.9	1.3	0.21	<0.83
Aroclor 1254	<10	<6.9	<1	<0.083	**2.1**
Aroclor 1260	**200**	73	4.6	0.46	2.5
[illegible]					
Mercury	0.45	<0.018	0.47	0.02	**0.54**
Arsenic	**10**	0.72	8.9	1.4	6.9
Barium	**900**	18	360	29	590
Cadmium	26	<0.20	**33**	0.70	15
Chromium	140	2.2	**160**	4.8	150
Lead	620	2.7	**1100**	33	650
Selenium	15	0.56	**19**	0.53	1.1
Silver	6.1	<0.49	**11**	0.11	3.2

Note: 1) Bold entries are maximum

TABLE 4
SUMMARY OF SAMPLING AND ANALYSIS RESULTS
FROM BELOW DRY WELL LOCATIONS
FORMER APPARATUS SERVICE CENTER
4420 MCLEOD ROAD NE
ALBUQUERQUE, NEW MEXICO
AMEC Project No. 3-4915-0021

1,4-Dichlorobenzene	<0.17	**0.083**	-	-	-
1,2,4-Trichlorobenzene	<0.17	**0.098**	-	-	-
Naphthalene	<0.034	**0.024**	-	-	-
2-Methylnaphthalene	<0.17	**0.044**	-	-	-
Acenaphthene	**0.027**	<0.034	-	-	-
Fluorene	**0.038**	<0.034	-	-	-
Phenanthrene	**0.21**	0.049	-	-	-
Anthracene	**0.023**	0.0099	-	-	-
Fluoranthene	**0.12**	0.069	-	-	-
Pyrene	**0.091**	0.063	-	-	-
Benzo(a)anthracene	0.028	**0.052**	-	-	-
Chrysene	0.031	**0.071**	-	-	-
Bis(2-ethylhexyl)phthalate	<0.17	**0.1**	-	-	-
Benzo(b)fluoranthene	0.037	**0.092**	-	-	-
Benzo(k)fluoranthene	0.029	**0.059**	-	-	-
Benzo(a)pyrene	0.045	**0.089**	-	-	-
Indeno(1,2,3-cd)pyrene	0.049	**0.091**	-	-	-
Dibenzo(a,h)anthracene	0.048	**0.063**	-	-	-
Benzo(ghi)perylene	0.06	**0.11**	-	-	-
VOCs - 8260					
Toluene	<0.026	<0.0053	<0.0055	<0.027	<0.0054
Tetrachloroethene	<0.052	<0.0053	<0.0055	**0.2**	<0.0054
Ethylbenzene	**0.75**	<0.0053	<0.0055	<0.027	<0.011
m&p-Xylenes	**1.1**	<0.011	<0.011	<0.054	<0.0054
o-Xylene	**21**	<0.0053	<0.0055	<0.027	<0.0054
1,2,4-Trichlorobenzene	0.23	<0.0053	<0.0055	**0.59**	<0.0054
1,2,3-Trichlorobenzene	0.55	<0.0053	<0.0055	**10**	<0.087
PCBs - 8082					
Aroclor 1254	3.9	2.5	**25**	0.31	<0.087
Aroclor 1260	<0.85	<0.34	**6.9**	0.44	0.3

Note: 1) Bold entries are maximum
2) - = Not Analyzed

TABLE 5
SUMMARY OF WASTE TRACKING MANIFEST
FORMER APPARATUS SERVICE CENTER
4420 MCLEOD ROAD NE
ALBUQUERQUE, NEW MEXICO
AMEC Project No. 3-4915-0021

non-TSCA/non-Hazardous Waste Shipped to Waste Management Facility in Rio Rancho, New Mexico							
43383	11/11/05	11/11/05	53520	08628B	92898-L	YES	YES
43384	11/11/05	11/11/05	45080	08628B	80493-L	YES	YES
43385	11/11/05	11/11/05	51000	08628B	80493-L	YES	YES
43386	11/11/05	11/11/05	43240	08628B	92898-L	YES	YES
43387	11/11/05	11/11/05	41200	08628B	92898-L	YES	YES
43388	11/11/05	11/11/05	46380	08628B	80493-L	YES	YES
43389	11/15/05	11/15/05	38380	08628B	92898-L	YES	YES
43390	11/15/05	11/15/05	42760	08628B	32348-J	YES	YES
43391	11/15/05	11/15/05	48000	08628B	80493-L	YES	YES
43392	11/15/05	11/15/05	44580	08628B	92898-L	YES	YES
43393	11/15/05	11/15/05	43100	08628B	32348-J	YES	YES
43394	11/15/05	11/15/05	50180	08628B	80493-L	YES	YES
43425	11/15/05	11/16/05	39180	08628B	92898-L	YES	YES
43426	11/15/05	11/16/05	45960	08628B	32348-J	YES	YES
43427	11/16/05	11/16/05	47700	08628B	80493-L	YES	YES
43428	11/16/05	11/16/05	41260	08628B	92898-L	YES	YES
43429	11/16/05	11/16/05	45340	08628B	32348-J	YES	YES
43430	11/16/05	11/16/05	48500	08628B	80493-L	YES	YES
43431	11/16/05	11/16/05	46800	08628B	92898-L	YES	YES
43432	11/16/05	11/16/05	46700	08628B	32348-J	YES	YES
43433	11/16/05	11/16/05	47280	08628B	80493-L	YES	YES
43434	11/16/05	11/16/05	39900	08628B	92898-L	YES	YES
43435	11/16/05	11/16/05	46880	08628B	32348-J	YES	YES
43436	11/16/05	11/16/05	42000	08628B	80493-L	YES	YES
43437	11/16/05	11/16/05	44920	08628B	92898-L	YES	YES
43438	11/16/05	11/16/05	47240	08628B	32348-J	YES	YES
43439	11/16/05	11/16/05	45720	08628B	80493-L	YES	YES
43440	11/16/05	11/17/05	45380	08628B	32348-J	YES	YES
43441	11/17/05	11/17/05	48300	08628B	32348-J	YES	YES
43442	11/17/05	11/17/05	48560	08628B	80493-L	YES	YES
43443	11/17/05	11/17/05	48180	08628B	92898-L	YES	YES
43444	11/17/05	11/17/05	44200	08628B	80493-L	YES	YES
43445	11/17/05	11/17/05	43700	08628B	32348-J	YES	YES
43446	11/17/05	11/17/05	42820	08628B	92898-L	YES	YES
43447	11/17/05	11/17/05	49680	08628B	80493-L	YES	YES
43448	11/17/05	11/17/05	43500	08628B	32348-J	YES	YES
43449	11/17/05	11/17/05	40500	08628B	92898-L	YES	YES
43450	11/17/05	11/17/05	50380	08628B	80493-L	YES	YES
43451	11/17/05	11/17/05	46240	08628B	32348-J	YES	YES
43452	11/17/05	11/18/05	48100	08628B	80493-L	YES	YES
43453	11/17/05	11/18/05	48040	08628B	92898-L	YES	YES
43454	11/17/05	11/18/05	45100	08628B	32348-J	YES	YES
43455	11/18/05	11/18/05	47580	08628B	80493-L	YES	YES
43456	11/18/05	11/18/05	47100	08628B	92898-L	YES	YES
43457	11/18/05	11/18/05	46660	08628B	32348-J	YES	YES
43458	11/18/05	11/18/05	47660	08628B	92898-L	YES	YES
43459	11/18/05	11/18/05	45560	08628B	92898-L	YES	YES
43395	11/28/05	11/28/05	31100	08628B	T-1300	YES	YES
43396	11/28/05	11/28/05	43500	08628B	9337-C	YES	YES
43397	11/28/05	11/28/05	46880	08628B	0664-B	YES	YES
43398	11/28/05	11/28/05	46600	08628B	9266-B	YES	YES
43399	11/28/05	11/28/05	44160	08628B	0673-B	YES	YES
43400	11/28/05	11/28/05	44560	08628B	9339-C	YES	YES
43401	11/28/05	11/28/05	43320	08628B	9266-B	YES	YES
43402	11/28/05	11/28/05	43740	08628B	0664-B	YES	YES
43403	11/28/05	11/28/05	40760	08628B	9337-C	YES	YES
43404	11/28/05	11/28/05	44840	08628B	9339-c	YES	YES
43405	11/28/05	11/28/05	27560	08628B	NMT#1300	YES	YES

TABLE 5
SUMMARY OF WASTE TRACKING MANIFEST
FORMER APPARATUS SERVICE CENTER
4420 MCLEOD ROAD NE
ALBUQUERQUE, NEW MEXICO
AMEC Project No. 3-4915-0021

43406	11/28/05	11/28/05	46700	08628B	0673-B	YES	YES
43407	11/28/05	11/28/05	50000	08628B	9318-C	YES	YES
43408	11/28/05	11/28/05	34260	08628B	NMT#1300	YES	YES
43409	11/28/05	11/28/05	45900	08628B	0673-B	YES	YES
43410	11/28/05	11/28/05	41920	08628B	9318-C	YES	YES
43411	11/28/05	11/28/05	51720	08628B	9266-B	YES	YES
43412	11/28/05	11/28/05	47460	08628B	0664-B	YES	YES
43413	11/28/05	11/28/05	29140	08628B	9337-B	YES	YES
43414	11/28/05	11/28/05	49240	08628B	9339-C	YES	YES
43415	11/28/05	11/28/05	42700	08628B	NMT#1300	YES	YES
43417	11/28/05	11/28/05	53220	08628B	0673-B	YES	YES
43420	11/28/05	11/28/05	49940	08628B	9266-B	YES	YES
43421	11/28/05	11/28/05	55460	08628B	0664-B	YES	YES
43422	11/28/05	11/28/05	41700	08628B	9337-B	YES	YES
43423	11/28/05	11/28/05	55500	08628B	9339-C	YES	YES
43418	11/30/05	11/30/05	55840	08628B	9266-B	YES	YES
43419	11/30/05	11/30/05	62800	08628B	9266-B	YES	YES
43465	11/30/05	11/30/05	42980	08628B	9266-B	YES	YES
43466	11/30/05	11/30/05	46280	08628B	9266-B	YES	YES
43467	11/30/05	11/30/05	52680	08628B	9266-B	YES	YES
43468	12/1/05	12/1/05	54920	08628B	9266-B	YES	YES
43469	12/1/05	12/1/05	45980	08628B	9266-B	YES	YES
43470	12/1/05	12/1/05	41260	08628B	9266-B	YES	YES
43471	12/1/05	12/1/05	39320	08628B	9266-B	YES	YES
43472	12/1/05	12/1/05	44540	08628B	9266-B	YES	YES
43473	12/2/05	12/2/05	41620	08628B	9266-B	YES	YES
43474	12/2/05	12/2/05	40160	08628B	9266-B	YES	YES
43475	12/2/05	12/2/05	34000	08628B	9266-B	YES	YES
non-TSCA/non-Hazardous Waste Shipped to Waste Management Facility in Rio Rancho, New Mexico							
Total weight (pounds)			**3,904,300**				
Total weight (tons)			**1,952.15**				
TSCA/non-Hazardous Waste Shipped to US Ecology Facility in Beatty, Nevada							
11105	11/11/05	11/14/05	44820	WS07013338-0	32348-J	YES	YES
21105	11/11/05	11/14/05	44560	WS07013338-0	80493-L	YES	YES
31105	11/11/05	11/14/05	43640	WS07013338-0	92898-L	YES	YES
41105	11/18/05	11/21/05	48340	WS07013338-0	80493-L	YES	YES
51105	11/18/05	11/21/05	47760	WS07013338-0	32348-J	YES	YES
61105	11/18/05	11/21/05	44480	WS07013338-0	92898-L	YES	YES
71105	11/28/05	11/29/05	45118	WS07013338-0	32348-J	YES	YES
81105	11/28/05	11/29/05	40700	WS07013338-0	92898-L	YES	YES
91105	11/28/05	11/29/05	44460	WS07013338-0	80493-L	YES	YES
10115	11/30/05	12/1/05	45800	WS07013338-0	92898-L	YES	YES
11115	11/30/05	12/1/05	49860	WS07013338-0	32348-J	YES	YES
12115	11/30/05	12/1/05	46720	WS07013338-0	80493-L	YES	YES
TSCA/non-Hazardous Waste Shipped to US Ecology Facility in Beatty, Nevada							
Total weight (pounds)			**546,258**				
Total weight (tons)			**273.13**				
TSCA/Hazardous Waste Shipped to and Stabilized at US Ecology Facility in Beatty, Nevada							
10106	1/23/06	1/24/06	30260	WS070137071-0	801	YES	YES
12306	2/7/06	2/8/06	26920	WS070137071-0	801	YES	YES
13006	2/7/06	2/8/06	7700	WS070137071-0	831	YES	YES
TSCA/Hazardous Waste Shipped to and Stabilized at US Ecology Facility in Beatty, Nevada							
Total weight (pounds)			**64,880**				
Total weight (tons)			**32.44**				

FIGURES

Aerial Photo from Terra Server USA. Photo taken in 03/28/2002

Approximate property boundary.

N
W E
S

0 15 30 60 90 120 Feet

FIGURE No.: **Figure 1**	Title: **AERIAL SITE MAP**		Date: **1 March 2006** Job No.: **3-4915-0021**
Project: **FORMER GE APPARATUS SERVICE CENTER ALBUQUERQUE, NEW MEXICO**			Client **GE ENERGY, SCHENECTADY, NY**
DWN By: Akemi Bauer		DATUM:	AMEC Earth & Environmental 8519 Jefferson Boulevard NE Albuquerque, New Mexico USA 87113
CHKD By: Peter Guerra		PROJECTION:	

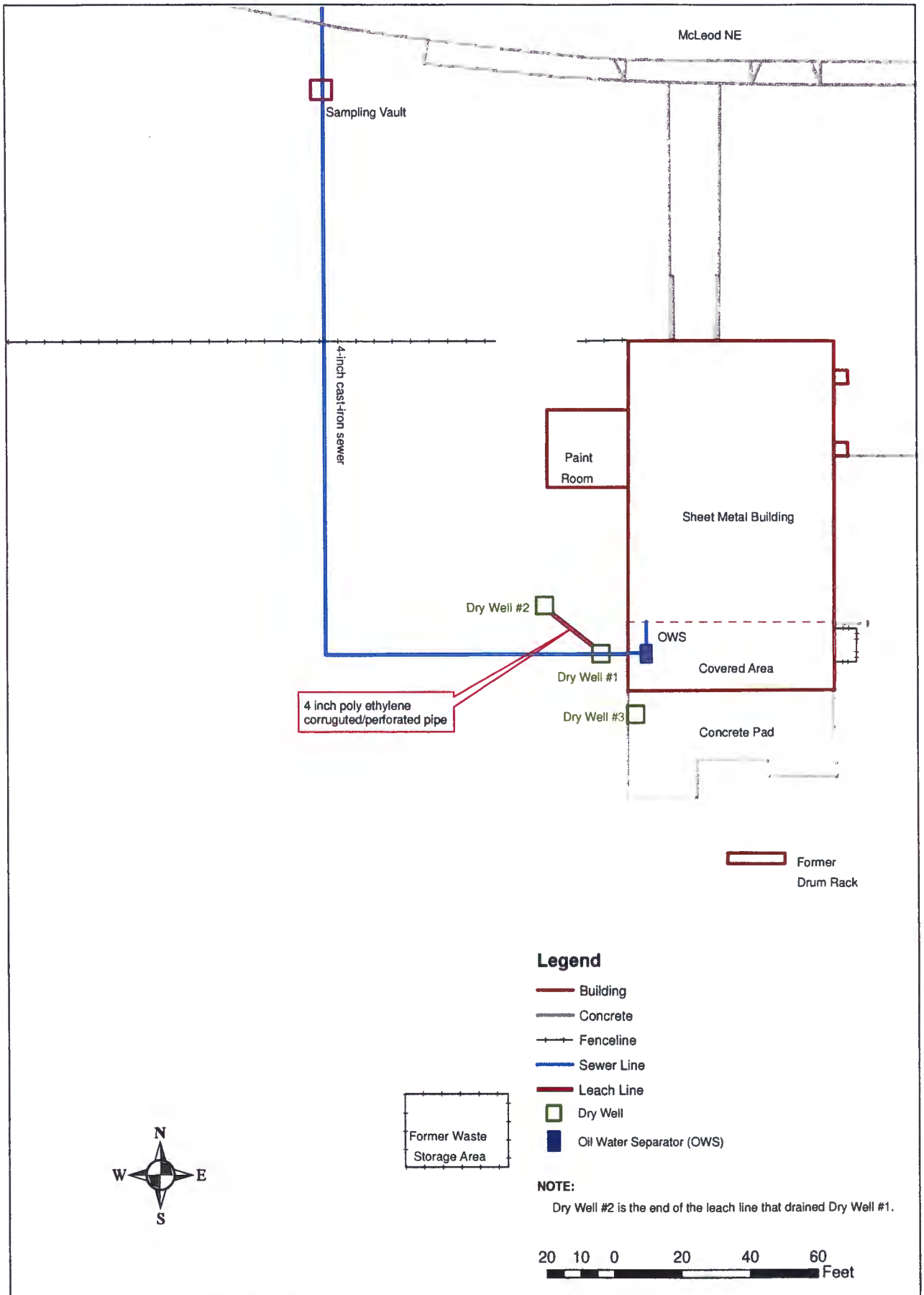


FIGURE No.: **Figure 2**	Title: **SITE MAP**		Date: **1 March 2006**
			Job No.: **3-4915-0021**
Project: **FORMER GE APPARATUS SERVICE CENTER ALBUQUERQUE, NEW MEXICO**			Client **GE ENERGY, SCHENECTADY, NY**
DWN By: Akemi Bauer		DATUM:	AMEC Earth & Environmental 8519 Jefferson Boulevard NE Albuquerque, New Mexico USA 87113
CHKD By: Peter Guerra		PROJECTION:	

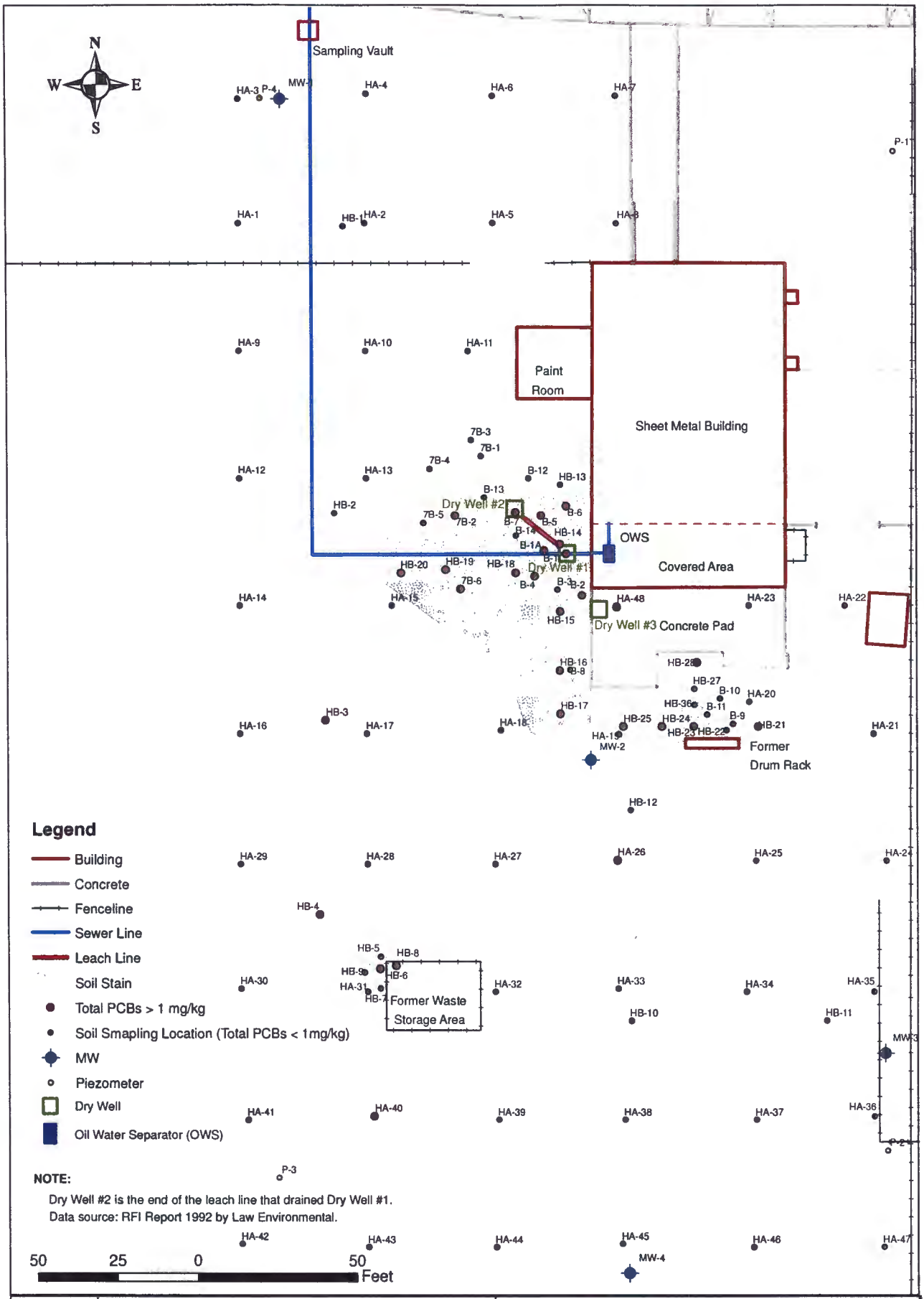
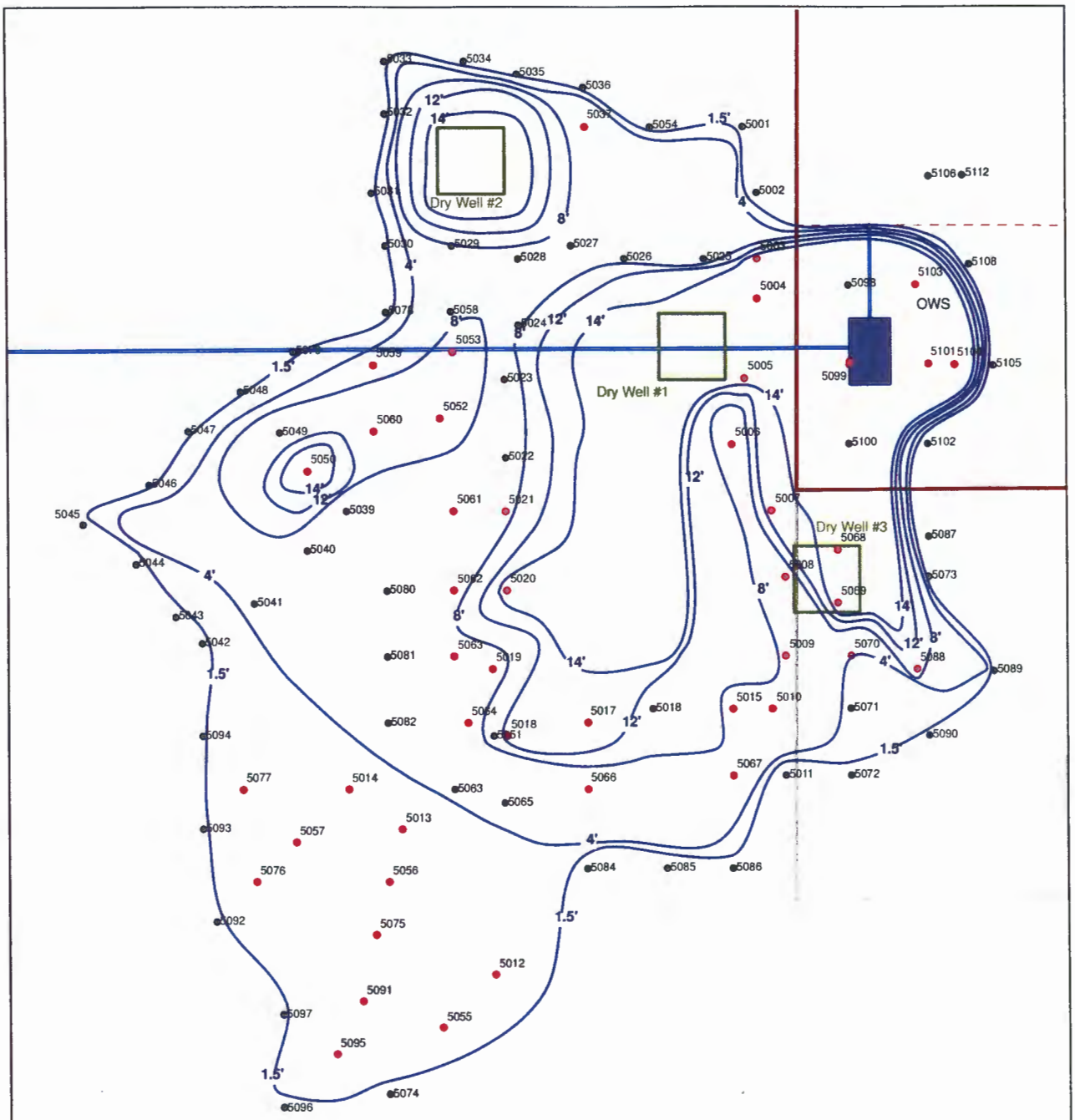


FIGURE No.: **Figure 3**	Title: **RFI and Supplemental Soil Assessment Result (1992)**	Date: **1 March 2006**	
		Job No.: **3-4915-0021**	
Project: **FORMER GE APPARATUS SERVICE CENTER ALBUQUERQUE, NEW MEXICO**		Client **GE ENERGY, SCHENECTADY, NY**	
DWN By: Akemi Bauer	DATUM:	AMEC Earth & Environmental 8519 Jefferson Boulevard NE Albuquerque, New Mexico USA 87113	amec
CHKD By: Peter Guerra	PROJECTION:		



NOTE:

1. Depth contours were estimated as the average mid-point between sample locations above and below 1 mg/kg total PCBs within the contour perimeter.
2. The 14-foot depth contour includes PCBs above 1mg/kg at depths grater than 14'.
3. Depth contours include soil sample analysis results from investigations performed prior to the pre-implementaion investigation. These sample location are not shown.
4. Data source: Pre Implementation Investigation by URS

Legend

- Soil Sampling Location (Total PCBs < 1 mg/kg)
- Total PCBs < 1 mg/kg
- Building
- Concrete
- Fenceline
- Sewer Line
- Dry Well
- Oil Water Separator (OWS)
- 4' Depth Contour

N W E S

5 2.5 0 5 10 15 Feet

FIGURE No.: **Figure 4**	Title: **Pre Implementation Investigation Result (2004-2005)**		Date: **1 March 2006**
			Job No.: **3-4915-0021**
Project: **FORMER GE APPARATUS SERVICE CENTER ALBUQUERQUE, NEW MEXICO**			Client **GE ENERGY, SCHENECTADY, NY**
DWN By: Akemi Bauer	DATUM:		AMEC Earth & Environmental 8519 Jefferson Boulevard NE Albuquerque, New Mexico USA 87113
CHKD By: Peter Guerra	PROJECTION:		

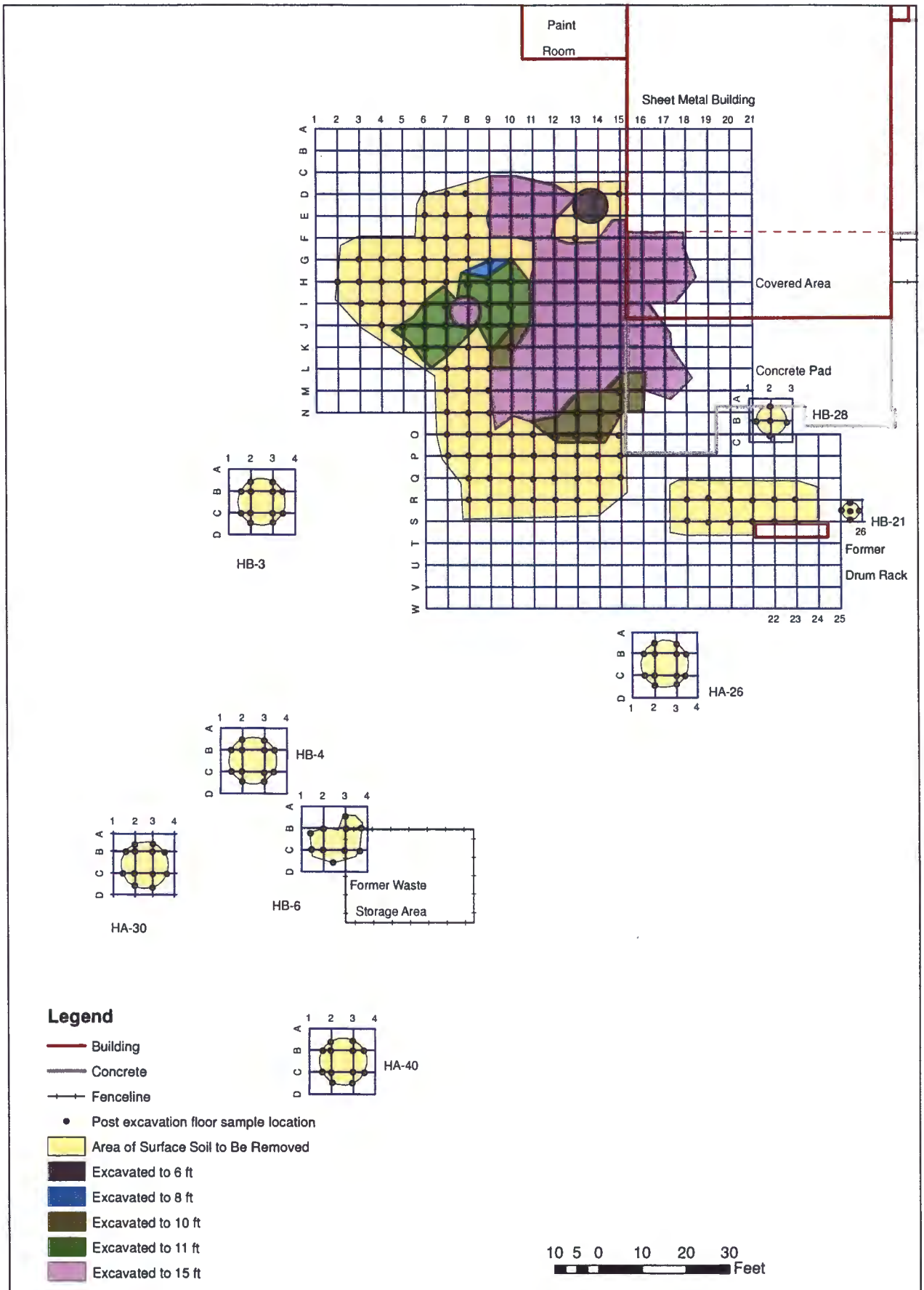


FIGURE No.: **Figure 5**	Title: **PROPOSED EXCAVATION AREA LAYOUT AND POST-EXCAVATION SAMPLING LOCATIONS MAP**	Date: **1 March 2006**	
		Job No.: **3-4915-0021**	
Project: **FORMER GE APPARATUS SERVICE CENTER ALBUQUERQUE, NEW MEXICO**		Client **GE ENERGY, SCHENECTADY, NY**	
DWN By: Akemi Bauer	DATUM:	AMEC Earth & Environmental 8519 Jefferson Boulevard NE Albuquerque, New Mexico USA 87113	
CHKD By: Peter Guerra	PROJECTION:		

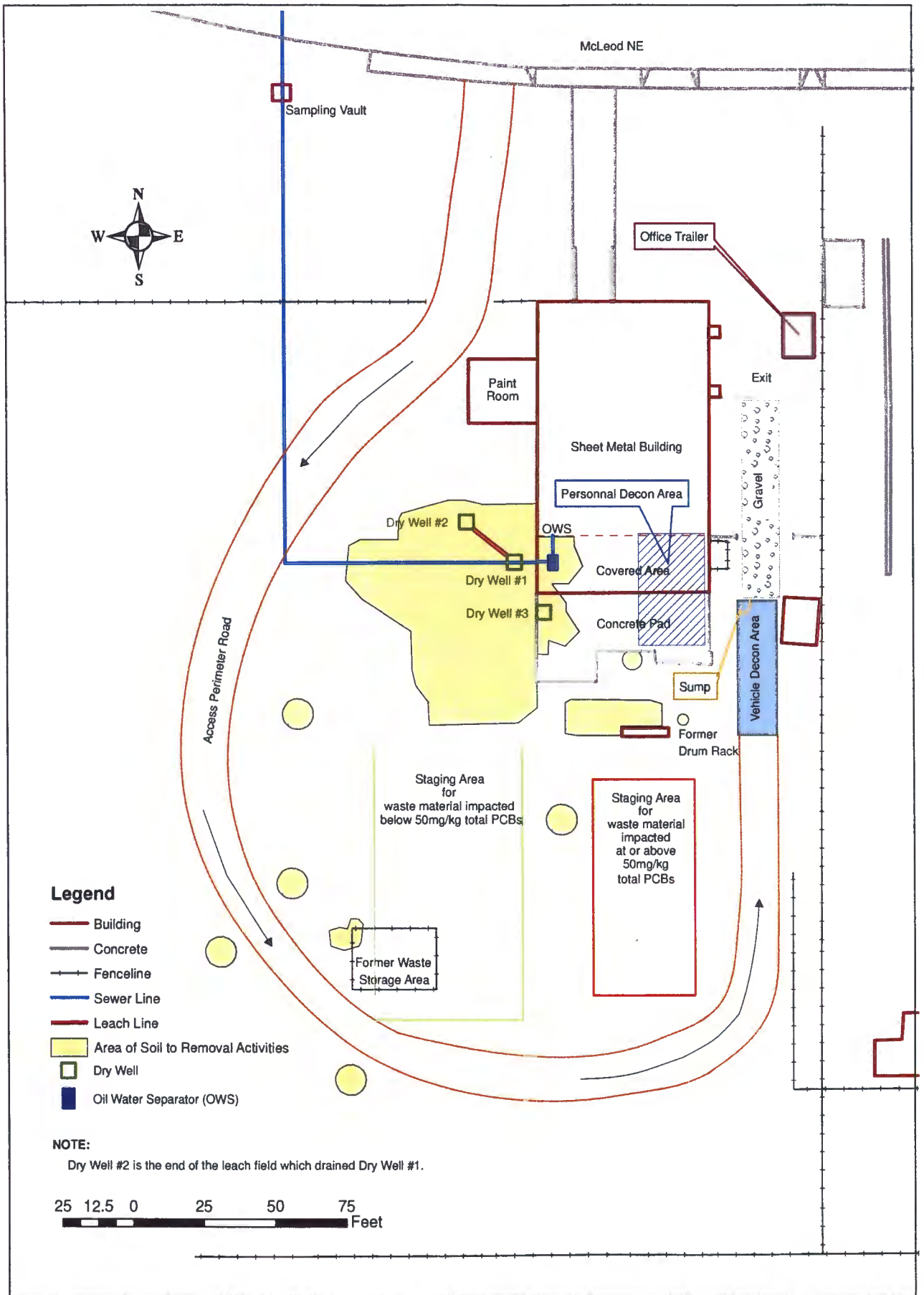


FIGURE No.: **Figure 6**	Title: **CORRECTIVE MEASURE OPERATIONS LAYOUT**		Date: **1 March 2006**
			Job No.: **3-4915-0021**
Project: **FORMER GE APPARATUS SERVICE CENTER ALBUQUERQUE, NEW MEXICO**			Client **GE ENERGY, SCHENECTADY, NY**
DWN By: Akemi Bauer	DATUM:		AMEC Earth & Environmental 8519 Jefferson Boulevard NE Albuquerque, New Mexico USA 87113
CHKD By: Peter Guerra	PROJECTION:		

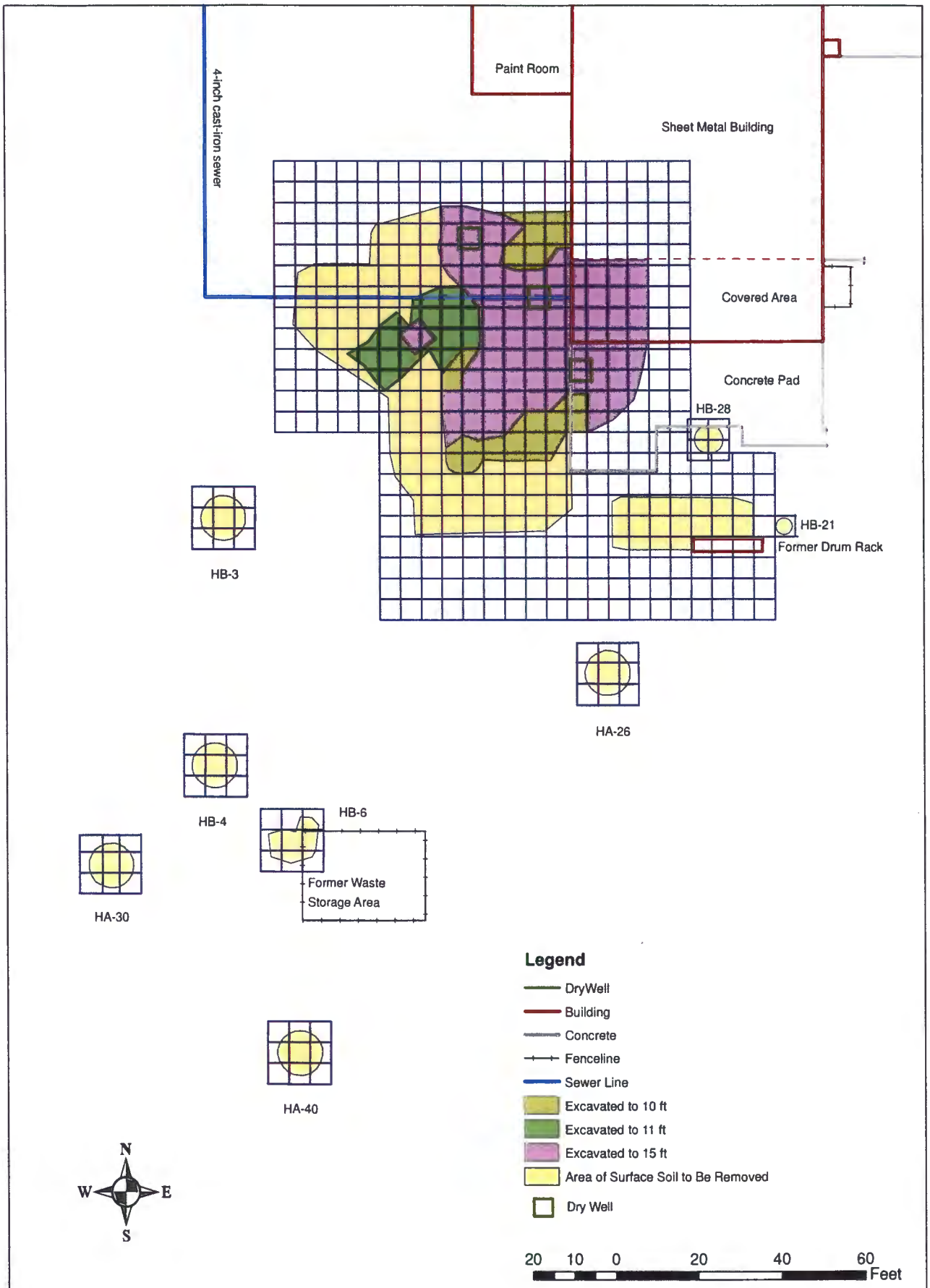


FIGURE No.: **Figure 7**	Title: **AS-BUILT EXCAVATION AREA MAP**		Date: **1 March 2006**
			Job No.: **3-4915-0021**
Project: **FORMER GE APPARATUS SERVICE CENTER ALBUQUERQUE, NEW MEXICO**			Client **GE ENERGY, SCHENECTADY, NY**
DWN By: Akemi Bauer		DATUM:	AMEC Earth & Environmental 8519 Jefferson Boulevard NE Albuquerque, New Mexico USA 87113
CHKD By: Peter Guerra		PROJECTION:	

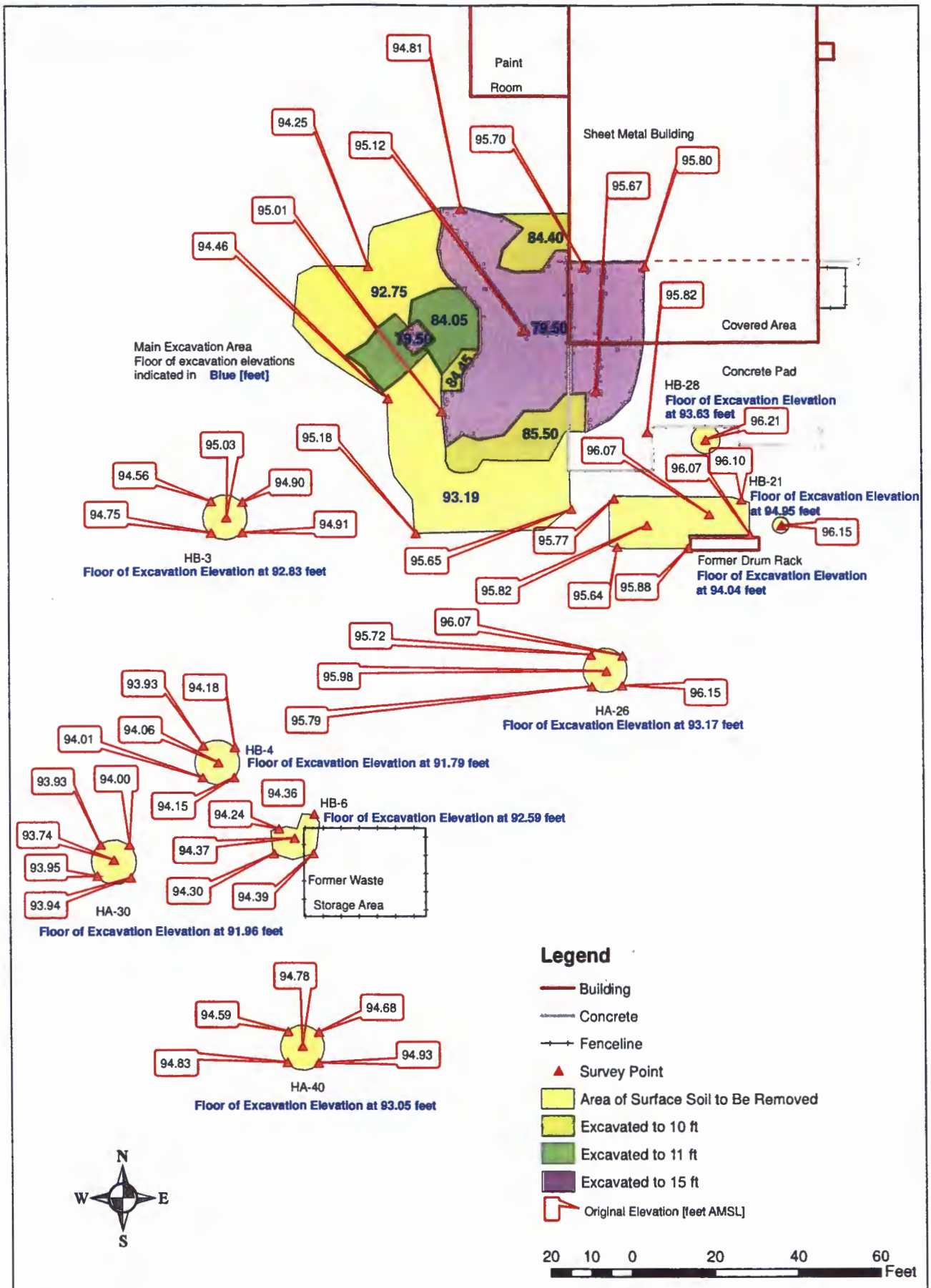


FIGURE No.: **Figure 8**	Title: **ORIGINAL AND POST EXCAVATION ELEVATION MAP**		Date: **1 March 2006** Job No.: **3-4915-0021**
Project:	**FORMER GE APPARATUS SERVICE CENTER ALBUQUERQUE, NEW MEXICO**		Client **GE ENERGY, SCHENECTADY, NY**
DWN By: Akemi Bauer		DATUM:	AMEC Earth & Environmental 8519 Jefferson Boulevard NE Albuquerque, New Mexico USA 87113
CHKD By: Peter Guerra		PROJECTION:	

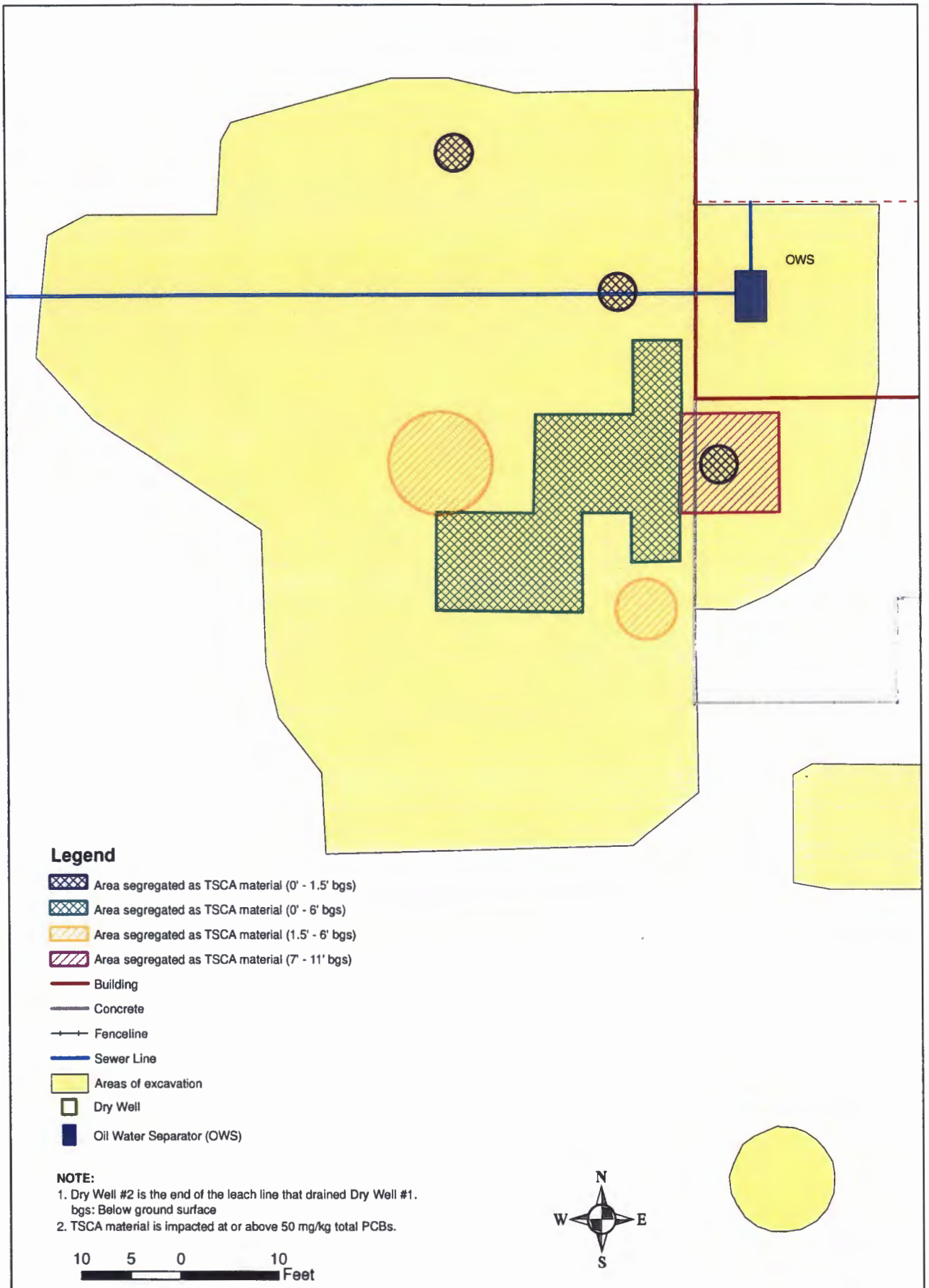


FIGURE No.: **Figure 9**	Title: **WASTE MATERIAL SEGREGATION PLAN**		Date: **1 March 2006**
			Job No.: **3-4915-0021**
Project: **FORMER GE APPARATUS SERVICE CENTER ALBUQUERQUE, NEW MEXICO**			Client **GE ENERGY, SCHENECTADY, NY**
DWN By: Akemi Bauer	DATUM:		AMEC Earth & Environmental 8519 Jefferson Boulevard NE Albuquerque, New Mexico USA 87113
CHKD By: Peter Guerra	PROJECTION:		

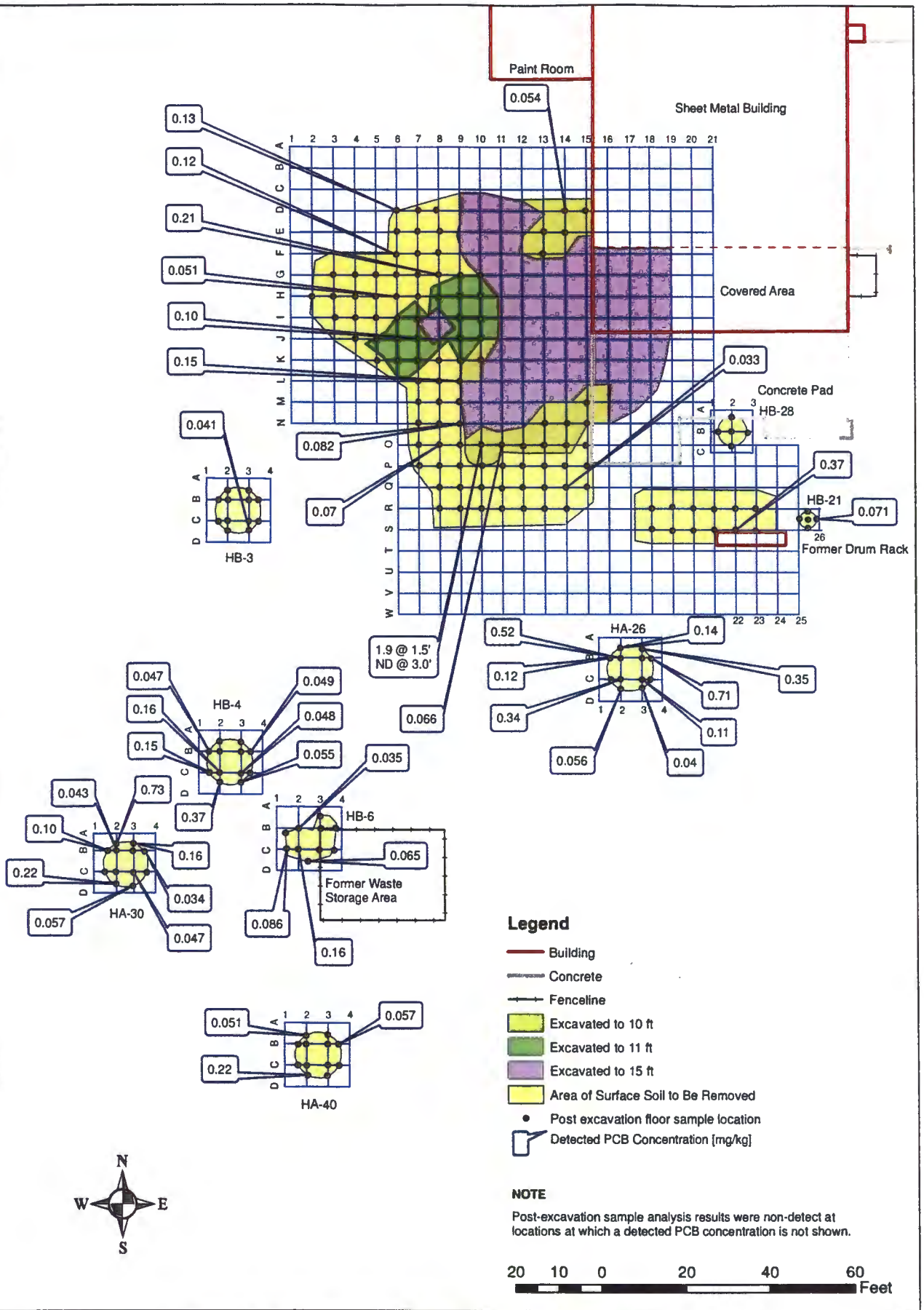


FIGURE No.: **Figure 10**	Title: **POST EXCAVATION SAMPLING LOCATIONS AND PCB CONCENTRATION MAP**	Date: **1 March 2006**	
		Job No.: **3-4915-0021**	
Project: **FORMER GE APPARATUS SERVICE CENTER ALBUQUERQUE, NEW MEXICO**		Client **GE ENERGY, SCHENECTADY, NY**	
DWN By: Akemi Bauer	DATUM:	AMEC Earth & Environmental 8519 Jefferson Boulevard NE Albuquerque, New Mexico USA 87113	amec
CHKD By: Peter Guerra	PROJECTION:		

APPENDIX A

FUGITIVE DUST CONTROL PERMIT APPLICATION AND PERMIT

APPENDIX B

PHOTOGRAPHIC LOG

Continued removal of Leachfield Area (view north)

Blow-up view of Leachfield Area

Project No.: 3-4915-0021	Remedial Action	amec
November 29, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Area Identified as Dry Well #2 (view northwest)

View of leachfield area identified by above circle

Project No.: 3-4915-0021	Remedial Action	amec
November 29, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Completed Removal of Dry Well #3

Project No.: 3-4915-0021	Remedial Action	amec
November 29, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Continued removal of Dry Well #3 (view southeast)

Completed Removal of Dry Well #3 (view east-northeast)

Project No.: 3-4915-0021	Remedial Action	amec
November 29, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Main Excavation Area (view north)

Main Excavation Area (view north)

Project No.: 3-4915-0021	Remedial Action	amec
November 28, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Circular, 15-foot deep area in western portion f the Main Excavation Area (view east)

Circular, 15-foot deep area in western portion f the Main Excavation Area

Loading of TSCA Soil (view south)

Loading of TSCA Soil (view southeast)

Project No.: 3-4915-0021	Remedial Action	amec
November 18, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Main Excavation at 10' (view south)

Site area with roll-off bins in background (view southeast)

Project No.: 3-4915-0021	Remedial Action	amec
November 17, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Sample Locations 11' Depth of Main Excavation (view north)

Main Excavation 10' and 11' Depths (view west)

Project No.: 3-4915-0021	Remedial Action	amec
November 18, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Main excavation area (view east)

Main excavation area with DECON Pad at right (view north)

Project No.: 3-4915-0021	Remedial Action	amec
November 16, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Site entrance main gate (view south)

Main entrance with signage (view south)

Project No.: 3-4915-0021	Remedial Action	amec
November 16, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Shoring of 15' Excavation at Southwest corner of Building (view north)

Main Excavation and Shoring (view east)

Project No.: 3-4915-0021	Remedial Action	amec
November 17, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Dry Well No. 1 removed from main excavation(view west)

Main excavation area (view southeast)

Project No.: 3-4915-0021	Remedial Action	amec
November 16, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Removal of Dry Well No. 1 from main excavation (view north)

Dry Well No. 1 removal (view west)

Project No.: 3-4915-0021	Remedial Action	amec
November 16, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Removal of non-TSCA soil from main excavation for loading (view south)

Removal of non-TSCA from main excavation (view west)

Project No.: 3-4915-0021	Remedial Action	amec
November 15, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Installation of Tie Backs and tightening of walers (view east)

Installation of lower Tie Backs (view north0

Project No.: 3-4915-0021	Remedial Action	amec
November 14, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Installation of lagging and walers for braced excavation (view north)

Loading of non-TSCA soil into haul trucks (view southwest

Project No.: 3-4915-0021	Remedial Action	amec
November 15, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Installation of lagging and walers for braced excavation (view north)

Tightening of Walers (view north-northeast)

Project No.: 3-4915-0021	Remedial Action	amec
November 14, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Haul truck being loaded from Main Excavation Area (view west)

Haul truck at decon pad being inspected prior to leaving for Waste Management Facility, Rio Rancho, NM

Project No.: 3-4915-0021	Remedial Action	amec
November 11, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Installation of lagging and walers for braced excavation (view north)

Braced excavation (view north-northeast)

Project No.: 3-4915-0021	Remedial Action	amec
November 11, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Removal of Dry Well #1 structure (view southwest)

Loading Dry Well #1 materials into Baker Tank Rolloff Bin (view south)

Project No.: 3-4915-0021	Remedial Action	amec
November 10, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Removal of Dry Well #1 structure (view north-northwest)

Sludge in Dry Well #1

Project No.: 3-4915-0021	Remedial Action	amec
November 10, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Installation of lagging for braced excavation (view east)

Braced excavation (view north)

Project No.: 3-4915-0021	Remedial Action	amec
November 10, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Installation of lagging for braced excavation (view northeast)

Braced excavation (view north-northeast)

Project No.: 3-4915-0021	Remedial Action	amec
November 9, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Installation of tie-backs for braced excavation support (view east)

Debris removed from the area identified as Dry Well #2 resembles 'leachfield materials'

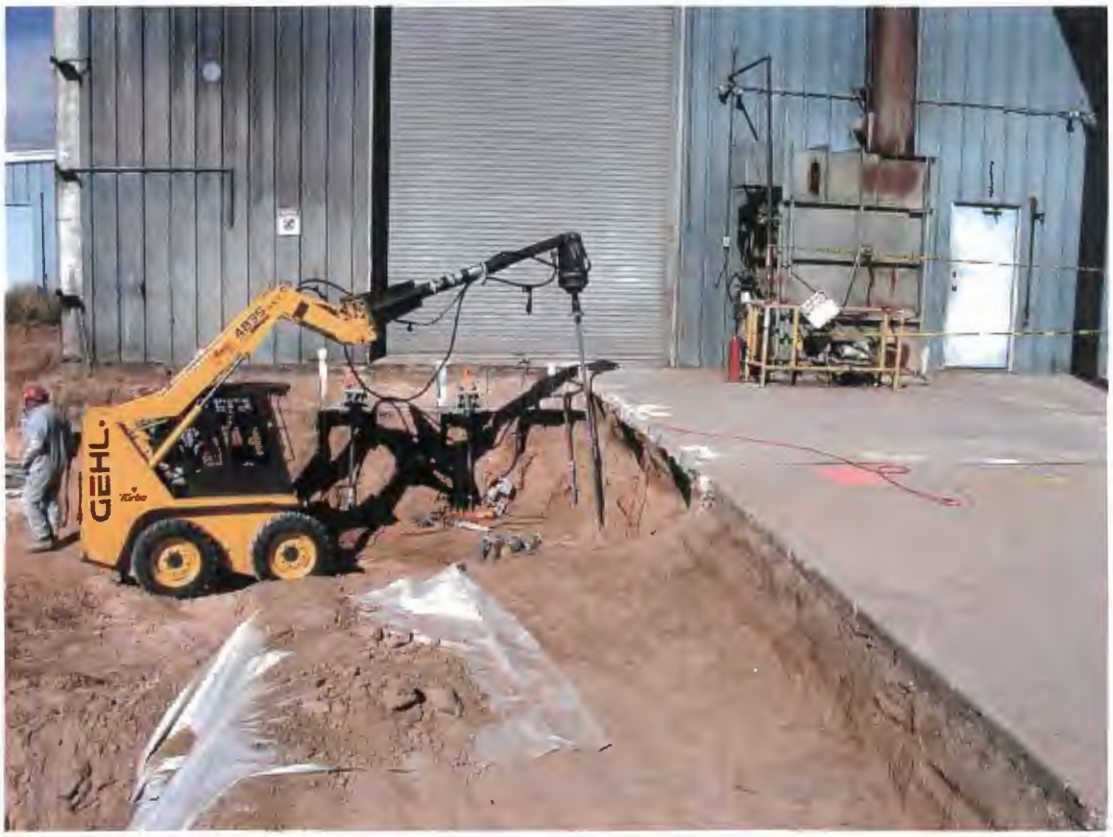
Project No.: 3-4915-0021	Remedial Action	amec
November 8, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Helical anchors at west side of building (view east)

Excavation of non-TSCA soils from south side of building (view north)

Project No.: 3-4915-0021	Remedial Action	amec
November 8, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Installation of helical anchors for braced excavation (view north)



Installation of helical anchors for braced excavation (view north)

Project No.: 3-4915-0021	Remedial Action	amec
November 7, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Preparation of excavation for bracing, orange lines indicate proposed helical anchor location (view north)

Completed preparation of excavation for bracing (view north)

Project No.: 3-4915-0021	Remedial Action	amec
November 4, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Non-TSCA Impacted Soil Stockpile (view south)

TSCA Impacted Soil Stockpile (view south)

Project No.: 3-4915-0021	Remedial Action	amec
November 4, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Excavating TSCA Impacted Area in the center portion of the Main Excavation Area (view west)

Uncovering of Dry Well #3 located at the east end of the TSCA Impacted Soil Area (view west)

Project No.: 3-4915-0021	Remedial Action	amec
November 1, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

TSCA Impacted Soil excavation progress (view west-southwest)

Uncovering of Dry Well #3

Project No.: 3-4915-0021	Remedial Action	amec
November 1, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Dry Well #3 (note cast iron pipe appearing to drain into the Dry Well)

Bottom of Dry Well #3

Project No.: 3-4915-0021	Remedial Action	amec
November 1, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

TSCA Impacted Soil excavation progress (view west-northwest)

TSCA Impacted Soil excavation progress (view north)

Project No.: 3-4915-0021	Remedial Action	amec
November 1, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

TSCA Impacted Soil excavation progress (view north)

TSCA Impacted Soil excavation progress (view east)

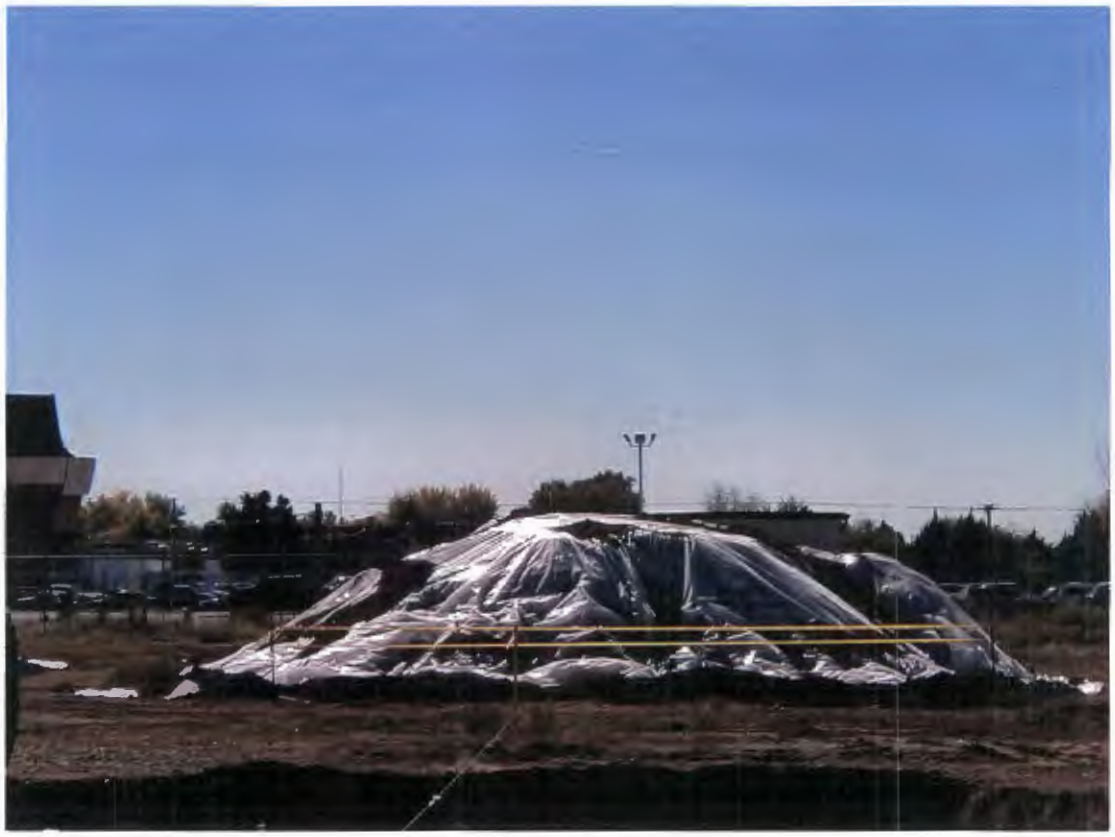
Project No.: 3-4915-0021	Remedial Action	amec
November 1, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Shallow soil sampling grid at west end of the Main Excavation Area (view south)

Shallow soil sampling grid at north end of the Main Excavation Area (view south)

Project No.: 3-4915-0021	Remedial Action	amec
November 1, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Non-TSCA (<50 ppm) soil waste stockpile (view southwest)



Non-TSCA (<50 ppm) soil waste stockpile (view south)

Project No.: 3-4915-0021	Remedial Action	amec
November 1, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Preparation of TSCA (>50 ppm PCB) Impacted Soil Staging Area (view south)

Sampling grid layout for shallow (1.5-feer deep) excavation at southern end of Main Excavation Area (view west)

Project No.: 3-4915-0021	Remedial Action	amec
October 31, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

West end of the shallow excavation in the Main Excavation Area (view west)

East end of the shallow excavation in the Main Excavation Area (view west)

Project No.: 3-4915-0021	Remedial Action	amec
October 31, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Shallow excavation at north end of Main Excavation Area (view west-northwest)
Cast iron sewer line removed from area indicated by arrow (see below for blow up)

Blow up of area from which cast iron sewer line was removed

Project No.: 3-4915-0021	Remedial Action	amec
October 31, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Cast iron sewer pipe being moved to TSCA Impacted Area (view south)

TSCA Impacted Area with sewer pipe

Project No.: 3-4915-0021	Remedial Action	amec
October 31, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Cast-iron sewer line sample collection location (view south-southeast)

Blow-up of sewer line sample port

Project No.: 3-4915-0021	Remedial Action	amec
October 31, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Shallow excavation at south end of Main Excavation Area (view north)

Shallow excavation at east end of Main Excavation Area (view west-northwest)

Project No.: 3-4915-0021	Remedial Action	amec
October 28, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Shallow excavation at west end of Main Excavation Area (view south-southeast)

Shallow excavation at north end of Main Excavation Area (view east)

Project No.: 3-4915-0021	Remedial Action	amec
October 28, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Shallow excavation at Main Excavation Area showing location of Dry Well #1 (view north-northeast)

Dry Well #1 Surface Structure

Project No.: 3-4915-0021	Remedial Action	amec
October 28, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Preparation of braced excavation faces along building, exposed footing and grade beam (view east)

Preparation of braced excavation faces along building, exposed footing and grade beam (view north)

Project No.: 3-4915-0021	Remedial Action	amec
October 28, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Completed excavation at Drum Rack Area (view west)

Completed excavation at HB-28 Area, Drum Rack Area in background (view northeast)

Project No.: 3-4915-0021	Remedial Action	amec
October 27, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Completed excavation at HA-26 Area with sampling grid layout (view east)

Completed excavation at HB-4 Area (view south)

Project No.: 3-4915-0021	Remedial Action	amec
October 27, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Completed excavation at HB-6 Area (view southeast)

Completed excavation at HA-30 Area (view south)

Project No.: 3-4915-0021	Remedial Action	amec
October 27, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Completed excavation at HA-40 Area, non-TSCA staging area in background (view east-northeast)

Completed excavation at HB-3 Area (view south)

Project No.: 3-4915-0021	Remedial Action	amec
October 27, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Beginning of shallow non-TSCA excavation at Main Excavation Area (view north)

Beginning of shallow non-TSCA excavation at Main Excavation Area (view west)

Project No.: 3-4915-0021	Remedial Action	amec
October 27, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Removal of 'separator/sump' formerly located at west end of covered area (view south)

Removal of 'separator/sump' formerly located at west end of covered area (view north)

Project No.: 3-4915-0021	Remedial Action	amec
October 27, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

West end of 'separator/sump' showing discharge pipe.

Hole left by removal of 'separator/sump' - depth 3.5-feet below original grade (view east)

Project No.: 3-4915-0021	Remedial Action	amec
October 27, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Completing excavation at Drum Rack Area (view southwest)

Almost completed excavation at Drum Rack Area, white line on left identifies remaining excavation (view west)

Project No.: 3-4915-0021	Remedial Action	amec
October 26, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Checking excavation depth at Drum Rack Area (view southwest)

Completed excavation at HA-26 Area (view northwestt)

Project No.: 3-4915-0021	Remedial Action	amec
October 26, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

View of non-TSCA staging area, excavating at HA-40 Area (view southwest)

View of site (north)

Project No.: 3-4915-0021	Remedial Action	amec
October 26, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Beginning of excavation at HB-21 Area (view south)

Completed of excavation at HB-21, Start of Drum Rack Area Excavation (view west)

Project No.: 3-4915-0021	Remedial Action	amec
October 25, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

Excavation at Drum Rack Area (view west)

Beginning of excavation at HB-28 Area (view south)

Project No.: 3-4915-0021	Remedial Action	amec
October 25, 2005	GE-Energy – Former Apparatus Service Center Albuquerque, New Mexico	

APPENDIX C

ANALYTICAL DATA REPORTS

STATE OF NEW MEXICO — DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2571

REPORT TO CLIENT: ☑

Baird Swanson
NMED District #1
Ground Water Bureau
5500 San Antonio Dr. NE
Albuquerque, NM 87109

SLD No.: OR- 200501956

REQUEST ID No.: 2379969

RECEIVED AT SLD: 11/30/05

☐ SLD COPY

USER 55410

SAMPLE COLLECTION: DATE: 11/30/05 TIME: 11:45 BY: SALEM

FACILITY NAME: GE Small Apparatus SVC Center McLeod

SAMPLING LOCATION: DRY WELL #1

Soil

REPORTING UNITS: µg/kg

Remarks: Sample Extracted in Methanol at time of Collection.

EPA METHOD 8260 Volatile Organic Compounds in Soil by Purge and Trap Gas Chromatography Mass Spectrometry

ANALYSIS No.: OR- 200501956

DATE EXTRACTED:	11/30/05	0 Days: Within EPA Analysis Time		SLD BATCH No.:	234
DATE ANALYZED:	11/30/05	0 Days: Within EPA Analysis Time		DILUTION FACTOR:	160.8
Weight of Sample (g):	13.74	Volume of Extract Analyzed (mL):	0.025	REQUEST ID No.:	2379969
Percent Moisture of Sample:	9.50	Equivalent Sample Dry Weight (g):	12.44		

SAMPLE PRESERVATION: Sample collected in methanol.

CAS #	ANALYTE NAME	CONC. (ug/kg)	QUAL.	SDL ug/kg
71-43-2	Benzene		U	44
108-86-1	Bromobenzene		U	29
74-97-5	Bromochloromethane		U	41
75-27-4	Bromodichloromethane*		U	37
75-25-2	Bromoform*		U	60
74-83-9	Bromomethane		U	40
78-93-3	2-Butanone (MEK)		U	33
104-51-8	n-Butylbenzene		U	50
135-98-8	sec-Butylbenzene		U	48
98-06-6	tert-Butylbenzene		U	37
1634-04-4	tert-Butyl methyl ether (MTBE)		U	35
56-23-5	Carbon tetrachloride		U	35
108-90-7	Chlorobenzene		U	16
75-00-3	Chloroethane		U	39
67-66-3	Chloroform*		U	33
74-87-3	Chloromethane		U	39
95-49-8	2-Chlorotoluene		U	27
106-43-4	4-Chlorotoluene		U	27
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		U	50
124-48-1	Dibromochloromethane*		U	37
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))		U	22
74-95-3	Dibromomethane		U	28
95-50-1	1,2-Dichlorobenzene		U	22
541-73-1	1,3-Dichlorobenzene		U	24
106-46-7	1,4-Dichlorobenzene		U	20
75-71-8	Dichlorodifluoromethane		U	75
75-34-3	1,1-Dichloroethane		U	30
107-06-2	1,2-Dichloroethane		U	33
75-35-4	1,1-Dichloroethene		U	43
156-59-2	cis-1,2-Dichloroethene		U	30
156-60-5	trans-1,2-Dichloroethene		U	37
78-87-5	1,2-Dichloropropane		U	26
142-28-9	1,3-Dichloropropane		U	30
594-20-7	2,2-Dichloropropane		U	43
563-58-6	1,1-Dichloropropene		U	37
10061-01-5	cis-1,3-Dichloropropene		U	37
10061-02-6	trans-1,3-Dichloropropene		U	35
100-41-4	Ethylbenzene		U	29
87-68-3	Hexachlorobutadiene		U	83
98-82-8	Isopropylbenzene		U	40
99-87-6	4-Isopropyltoluene		U	40

[1] Request ID No. 2379969

ORGANIC CHEMISTRY ANALYTICAL REQUEST FO

OR

Scientific Laboratory Division
700 Camino de Salud, NE (P.O. Box 4700)
Albuquerque, NM 87106 (87196-4700)
Phone: 505-841-2500/ -2570/ -2566

OR

No. OR0501956
OR-___-___

[3] User Code: 55410

Date & Time of Receipt at SLD: 05 NOV 30 PM 12: 32

[4] Sample Priority: 3 — If 1 or 2 call SLD

[5] Submitter Code: 0600 WSS Code: NM35 - User's Site ID:

[6] Sample Temp. Receipt @ SLD: 13 °C

[7] Facility or WSS Name: GE SMALL APPARATUS SUC CENTER MCLEOD

Facility/WSS Location: If No WSS Code Complete 8, 9 & 10

[8] County: BERNALILLO

[9] City: ALBQ

[10] State: or CHANGE NM TO

[11] Sampling Location: Dry well #1

[12] Sample Collection: On: 11/30/05 (Date: MM / DD / YY) By: SALIEM (Last Name)

At: 11:45 (Time: 24:00 Hour Clock) BRIAN (First Name)

[13] Sample Info. Contact: Ph: 845-5932

If not collector, per box 12, Please print name here:

[14] Reports are mailed to the address specified by the Submitter Code and WSS Code (when present). However, if one of the following applies, please check ☒ appropriate boxes below and complete address form.

☐ Send additional Report to:
☐ New Address for:
☐ Submitter
☐ WSS / Client

Name: BAIRD SWANSON
Address: 5500 SAN ANTONIO NE
City: ALBUQUERQUE State: NE Zip: 87109

[15] Sampling Documentation: (Check)
☐ Confirmation ☐ NMED Monitoring
☐ Resample ☐ Raw Water
☐ Split w/ Facility ☐ Finished Water
☐ Grab Sample
☐ Other:

[16a] Field Data: (When appropriate)
☐ Sample is Chlorinated
Chlorine Residual: ___ mG/L
Conductivity: ___ uMhos/cm
Sulfate: ___ mG/L
Temperature on Collection: ___ °C

[16b] Field Remarks: (Optional)

SDWA Comments:
☐ Compliance
SDWA Compositing:
☐ No Compositing
☐ Within This System Only
☐ Within All Systems

[17] Sample Type: (Check ☒ only one)
☐ Water ☐ Vapor ☐ Tissue ☐ Other: ☐ Liquid:
☒ Soil ☐ Plant ☐ Blood ☐ Solid:

[18] Preservation: (Check ☒ all that apply)
☐ Preserved with HCl to pH < 2 ☐ No Preservation
☐ Stored at 4°C ☒ Other: MEOH

Number of Containers Submitted: Bottles: Vials: 3 Jars:

[19] Analyses Requested: Please Check ☒ the appropriate box(es) below to indicate your analytical request(s);

Volatile Analyses:
☐-(754) Aromatic & Halogenated Volatiles (EPA 8021)
☒-(765) Mass Spectrometer Volatiles (EPA 8260 or 524.2)
☐-(764) Appendix IX Mass Spectrometer VOCs (EPA 8260)
☐-(774) Volatile Organic Compounds [VOC's] (EPA 502.2)
☐-(766) SDWA Trihalomethanes (EPA 502.2)

Special Extractions\Analyses:
☐-(784) TCLP Extraction, Volatiles (Method 1311)
☐-(785) TCLP Extraction, Semivolatiles (Method 1311)
☐-(790) Pharmaceuticals
☐-(792) Air Toxics, Carbonyls (Compendium TO-11)
☐-(795) Air Toxics, VOCs (Compendium TO-15)

Remarks or Other Specific Compounds or Classes:
☐-(__) METHOD 8015 for VOC'S IN SOIL
☐-(__)

Semivolatile Analyses:
☐-(789) Drinking Water Semivolatile Analyses (Indented list)
☐-(775) EDB, DBCP & TCP (EPA 504.1)
☐-(758) Acid Herbicides (EPA 515.2)
☐-(772) Carbamates (EPA 531.1)
☐-(781) Glyphosate (EPA 547)
☐-(782) Endothall (EPA 548.1)
☐-(783) Diquat (EPA 549.1)
☐-(788) Synthetic Organic Compounds (SOCs) (EPA 525/508)
☐-(771) Haloacetic Acids in Drinking Water (EPA 552.2)
☐-(750) Hydrocarbon Fuel Screen, GRO (Modified EPA 8015)
☐-(751) Hydrocarbon Fuel Screen, GRO/DRO (Mod. EPA 8015)
☐-(752) Hydrocarbon Fuel Screen, DRO (Mod. EPA 8015)
☐-(755) Base/Neutral Semivolatiles (No Phenols) (EPA 8270)
☐-(756) Base/Neutral/Acids Semivolatiles (EPA 625/8270)
☐-(759) Polychlorinated Biphenyls (PCBs) (EPA 8082)
☐-(760) Organochlorine Pesticides (EPA 608/8081)
☐-(786) Explosives Screen (Aberdeen Method)

STATE OF NEW MEXICO | DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2571

REPORT TO CLIENT: ☑

Baird Swanson
NMED District #1
Ground Water Bureau
5500 San Antonio Dr. NE
Albuquerque, NM 87109

SLD No.: OR- 200501954

REQUEST ID No.: 2379967

RECEIVED AT SLD: 11/30/05

☐ SLD COPY

USER 55410

SAMPLE COLLECTION: DATE: 11/30/05 TIME: 12:05 BY: SALEM

FACILITY NAME: GE Small Apparatus SVC Center McLeod

SAMPLING LOCATION: DRY WELL #3

Soil

REPORTING UNITS: µg/kg

Remarks: Sample Extracted in Methanol at time of Collection.

EPA METHOD 8260 Volatile Organic Compounds in Soil by Purge and Trap Gas Chromatography Mass Spectrometry

ANALYSIS No.: OR- 200501954

DATE EXTRACTED:	11/30/05	0 Days: Within EPA Analysis Time		SLD BATCH No.:	234
DATE ANALYZED:	11/30/05	0 Days: Within EPA Analysis Time			
Weight of Sample (g):	13.34	Volume of Extract Analyzed (mL):	0.025	DILUTION FACTOR:	161.7
Percent Moisture of Sample:	7.30	Equivalent Sample Dry Weight (g):	12.37	REQUEST ID No.:	2379967

SAMPLE PRESERVATION: Sample collected in methanol.

CAS #	ANALYTE NAME	CONC. (ug/kg)	QUAL.	SDL ug/kg
71-43-2	Benzene		U	44
108-86-1	Bromobenzene		U	29
74-97-5	Bromochloromethane		U	42
75-27-4	Bromodichloromethane*		U	37
75-25-2	Bromoform*		U	60
74-83-9	Bromomethane		U	40
78-93-3	2-Butanone (MEK)		U	33
104-51-8	n-Butylbenzene		U	50
135-98-8	sec-Butylbenzene		U	49
98-06-6	tert-Butylbenzene		U	37
1634-04-4	tert-Butyl methyl ether (MTBE)		U	35
56-23-5	Carbon tetrachloride		U	35
108-90-7	Chlorobenzene		U	16
75-00-3	Chloroethane		U	39
67-66-3	Chloroform*		U	33
74-87-3	Chloromethane		U	39
95-49-8	2-Chlorotoluene		U	27
106-43-4	4-Chlorotoluene		U	27
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		U	50
124-48-1	Dibromochloromethane*		U	37
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))		U	23
74-95-3	Dibromomethane		U	28
95-50-1	1,2-Dichlorobenzene		U	22
541-73-1	1,3-Dichlorobenzene		U	24
106-46-7	1,4-Dichlorobenzene		U	20
75-71-8	Dichlorodifluoromethane		U	76
75-34-3	1,1-Dichloroethane		U	30
107-06-2	1,2-Dichloroethane		U	33
75-35-4	1,1-Dichloroethene		U	44
156-59-2	cis-1,2-Dichloroethene		U	30
156-60-5	trans-1,2-Dichloroethene		U	37
78-87-5	1,2-Dichloropropane		U	26
142-28-9	1,3-Dichloropropane		U	30
594-20-7	2,2-Dichloropropane		U	43
563-58-6	1,1-Dichloropropene		U	37
10061-01-5	cis-1,3-Dichloropropene		U	37
10061-02-6	trans-1,3-Dichloropropene		U	35
100-41-4	Ethylbenzene		U	29
87-68-3	Hexachlorobutadiene		U	83
98-82-8	Isopropylbenzene		U	40
99-87-6	4-Isopropyltoluene		U	40
75-09-2	Methylene chloride (Dichloromethane)	290	B	115

[1] Request ID No. 2379967

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

[2] SLD's Accession No. OR0501954

OR

Scientific Laboratory Division
700 Camino de Salud, NE (P.O. Box 4700)
Albuquerque, NM 87106 (87196-4700)
Phone: 505-841-2500/ -2570/ -2566

OR

9

[3] User Code: 55410

Date & Time of Receipt at SLD: 05 NOV 30 PM 12:32

[4] Sample Priority: 2 — If 1 or 2 call SLD

[5] Submitter Code: 060 WSS Code: NM35 - User's Site ID:

[6] Sample Temp. Receipt @ SLD: 16 °C

[7] Facility or WSS Name: GE SMALL APPARATUS SUC CENTER MCLEOD

Facility/WSS Location: If No WSS Code Complete 8, 9 & 10

[8] County: BERNALILLO

[9] City: ALBQ

[10] State: or CHANGE TO NM

[11] Sampling Location: DRY WELL #3

[12] Sample Collection: On: 11/30/05 (Date: MM / DD / YY) By: SALIEM (Last Name) BRIAN (First Name)

At: 12:05 (Time: 24:00 Hour Clock)

[13] Sample Info. Contact: Ph: [845] - 5932

If not collector, per box 12, Please print name here:

[14] Reports are mailed to the address specified by the Submitter Code and WSS Code (when present). However, if one of the following applies, please check ☒ appropriate boxes below and complete address form.

☐ Send additional Report to:

☐ New Address for:
☐ Submitter
☐ WSS / Client

Name: BAIRD SWANSON
Address: 5500 SAN ANTONIO NE
City: ALBUQUERQUE State: NE Zip: 87109

[15] Sampling Documentation: (Check)
☐ Confirmation ☐ NMED Monitoring
☐ Resample ☐ Raw Water
☐ Split w/ Facility ☐ Finished Water
☐ Grab Sample
☐ Other:

[16a] Field Data: (When appropriate)
☐ Sample is Chlorinated
Chlorine Residual: mG/L
Conductivity: uMhos/cm
Sulfate: mG/L
Temperature on Collection: °C

[16b] Field Remarks: (Optional)

SDWA Comments:
☐ Compliance
SDWA Compositing:
☐ No Compositing
☐ Within This System Only
☐ Within All Systems

[17] Sample Type: (Check ☒ only one)
☐ Water ☐ Vapor ☐ Tissue ☐ Other: ☐ Liquid:
☒ Soil ☐ Plant ☐ Blood ☐ Solid:

[18] Preservation: (Check ☒ all that apply)
☐ Preserved with HCl to pH < 2 ☐ No Preservation
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Number of Containers Submitted: Bottles: Vials: 3 Jars:

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☐-(785) TCLP Extraction, Semivolatiles (Method 1311)
☐-(790) Pharmaceuticals
☐-(792) Air Toxics, Carbonyls (Compendium TO-11)
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Remarks or Other Specific Compounds or Classes:
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☐-(782) Endothall (EPA 548.1)
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☐-(751) Hydrocarbon Fuel Screen, GRO/DRO (Mod. EPA 8015)
☐-(752) Hydrocarbon Fuel Screen, DRO (Mod. EPA 8015)
☐-(755) Base/Neutral Semivolatiles (No Phenols) (EPA 8270)
☐-(756) Base/Neutral/Acids Semivolatiles (EPA 625/8270)
☐-(759) Polychlorinated Biphenyls (PCBs) (EPA 8082)
☐-(760) Organochlorine Pesticides (EPA 608/8081)
☐-(786) Explosives Screen (Aberdeen Method)

APPENDIX D

WASTE PROFILE SHEETS

APPENDIX E

WASTE SHIPMENT RECORDS