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SUPPLEMENTAL SUBSURFACE INVESTIGATION RD INVESTIGATIVE ACTIVITIES WASTE DISPOSAL, INC. SUPERFUND SITE VOLUME I (REVISION 1.0)

Prepared for

United States Environmental Protection Agency

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1.0 INTRODUCTION

1.1 BACKGROUND

1. The Supplemental Subsurface Investigation (SSI) - Remedial Design (RD) Investigative Activities Report (Report) is a compilation of field and laboratory data collected during the second half of 2000 at the Waste Disposal, Inc. (WDI) Superfund Site (the Site) located in Santa Fe Springs, California. The Waste Disposal, Inc. Group (WDIG), which consists of 21 Potentially Responsible Parties (PRPs), is submitting this Report as a follow up to the workplan submitted in September 2000 (TRC, 2000). This Report also serves as an addendum to the Remedial Design Investigation Activities Summary Report (TRC, 1999).

2. The Site is located in Santa Fe Springs, Los Angeles County, California on an approximate 38-acre parcel of land (see Figure 1.1). The Site is currently bordered on the northwest by Santa Fe Springs Road, on the northeast by a commercial distribution center and St. Paul High School, on the southwest by Los Nietos Road, and on the southeast by Greenleaf Avenue.

3. The Site is currently comprised of 22 parcels on which various businesses, such as machine shops, auto repair shops, small commercial businesses and light industrial complexes have been developed. Areas 1 and 8 of the Site, parallel to Los Nietos Road and Santa Fe Springs Road, are occupied by several light industrial complexes and small commercial businesses. The property along Greenleaf Avenue, has one existing structure (located in Area 5) used for commercial business. Areas 6 and 7 contain several concrete foundations which remain from previous structures. The Site contains a buried 42-million-gallon-capacity reservoir originally constructed above grade for petroleum storage located in Area 2. The northwestern portion of the reservoir area is covered with an asphalt parking lot, used for recreational vehicle (RV) storage. The remainder of the reservoir area (Area 2), and Areas 3 and 4 are undeveloped.

4. The Site has been the subject of various investigative activities from the early 1970s through 1999. These activities have included the investigation of the physical and chemical characteristics of the soil, ground water, soil gas, liquids and in-business air at the Site. A complete description of the objectives and findings of these investigations and data collected by the EPA during the 1988-1989 RI and 1997-1998 RD Investigative Activities, has been included and summarized in the Remedial Design Investigative Activities Summary Report (TRC, 1999).

1.2 PURPOSE

1. The objective of this Report is to provide critical site-specific data regarding the characteristics of the fill material, buried waste and native soils in Site Areas 1 and 8. This includes the extent of buried waste near and beneath onsite structures, and the chemical and physical characteristics of the fill, buried waste and native soils.

2. It was originally intended that the data reported herein would be used as the basis of a bidding document for the proposed TM No. 14 - Focused Excavation Treatability Study. TM No. 14 was to be a focused project that would generate critical performance and cost data to assist in the definition and evaluation of excavation based remedial alternatives in the Supplemental Feasibility Study (SFS). However, as discussed in Chapters 2.0 and 3.0 of this Report, data on the extent of buried waste at the Site and new building code information obtained from the City of Santa Fe Springs during performance of this investigation, indicated that TM No. 14 was not a viable Treatability Study. Hence, the purpose of this report evolved into one of documenting the additional subsurface information generated for the Site. The information gathered during this investigation and presented in this report will be used in defining alternatives in the Supplemental Feasibility Study.

1.3 REPORT ORGANIZATION

1. The remainder of this Report is organized in the following chapters:
   - Chapter 2.0: Supplemental Subsurface Investigation Activities
   - Chapter 3.0: Summary of Site Conditions
   - Chapter 4.0: Findings
   - Chapter 5.0: References

2.0 SUPPLEMENTAL SUBSURFACE INVESTIGATION ACTIVITIES

2.1 SUMMARY OF PLANNED INVESTIGATION

1. The planned subsurface investigations activities were described in the SSI Workplan (TRC, 2000) that was approved by the EPA on September 29, 2000. The planned activities included:
   - Fifty-eight (58) continuously sampled direct push test borings to depths of 20 feet below ground surface (bgs). Twenty-four of these borings were to be placed inside of existing onsite buildings.
   - Eight hollow-stem auger test borings drilled and sampled to depths of 35 to 40 feet bgs.
   - An analytical laboratory testing program. During this program, selected soil and waste samples would be analyzed for volatile organic compounds (VOC) by EPA Methods 5035 and 8260; semivolatile organic compounds (SVOC) by EPA Method 8270; metals by EPA Methods 6010A, 7060, 7421, 7470 and 7740; pesticides and Polychlorinated Biphyenyls (PCB) by EPA Method 8081; and Total Recoverable Petroleum Hydrocarbons (TRPH) by EPA Method 418.1.
   - A geotechnical laboratory testing program. During this program, selected soil and waste samples would be analyzed for moisture content and density by American Society for Testing and Materials (ASTM) Procedure D 2216; grain size analysis by ASTM Procedure D 2216; Atterberg Limits by ASTM Procedure D 4318; unconfined compressive strength by ASTM Procedure D 2166; direct shear strength by ASTM Procedure D 3080; and triaxial shear strength by ASTM Procedure D 2850.

2. The scope of the investigation activities was adjusted as field data became available. Additional direct push test borings were performed to further define the limits of buried waste encountered in the initially planned test borings. Ultimately, 63 direct push test borings, of which 20 were located inside of existing buildings, and eight hollow-stem auger test borings were performed.

3. The methods used in the field exploration and laboratory testing programs are described in the following sections.

2.2 SUPPLEMENTAL SUBSURFACE INVESTIGATION

2.2.1 RESEARCH OF EXISTING INFORMATION

1. The City of Santa Fe Springs, the Site property owners and the tenants were contacted to inquire if they had information available on the types of foundations used to support the existing buildings. The City of Santa Fe Springs did not have any information of file, nor did the tenants.

2. One property owner did provide a copy of a geotechnical report prepared when the building on his property was constructed. This report appears to indicate that the waste materials were excavated, dried (and possibly mixed with nonwaste soils) and placed back into the excavation as a compacted fill. According to the geotechnical report, if this grading procedure was followed, the building could be supported on shallow foundations. A copy of this report is included in Appendix E.

3. Due to the decision not to proceed with TM No. 14, the planned documentation of the interior and exterior conditions of the existing buildings in Areas 1 and 8 was not performed.

2.2.2 DIRECT PUSH TEST BORINGS

2.2.2.1 Outside Buildings

1. A total of 43 direct push test borings (borings) located outside of buildings were completed. Figure 2.1 shows the approximate locations of these borings. Logs for these borings are presented in Appendix A.

2. The purpose of these borings was to further evaluate the extent of buried waste in Areas 1 and 8, and to obtain samples for geochemical analyses. Particular emphasis was placed on defining subsurface conditions adjacent to existing buildings. Locations were selected based upon examination of existing subsurface data summarized in Figure 5.2 of the Remedial Design Investigative Activities Summary Report (TRC, 1999).

3. The borings were drilled to a depth of approximately 20 feet bgs after hand augering the first 5 feet. This depth was selected based on existing data, which indicated the maximum depth of buried waste in Areas 1 and 8 was approximately 18 feet bgs, while the average depth was approximately 12 feet bgs. The thickness of the buried waste ranged from approximately 1.4 feet thick to 17 feet thick with 5.4 feet being the average waste thickness (TRC, 1999).

4. Primary methods for soil sampling were the use of a hydraulic push boring (HPB) system using a polyacrylate inner sleeve and a hollow-stem auger using a 2-1/2-inch inside-diameter split-spoon sampler and 3-inch diameter thin-walled tube sampler. During sampling, the soils were evaluated and logged as indicated in SOP A for soil type and characteristics. (See Revised Supplemental QAPP [TRC, 1997]).

5. Soil samples for chemical analysis were collected from the polyacrylate sleeve, immediately upon retrieval from the subsurface using an EnCore™ sampler. Care was taken to avoid disturbing the sample in order to minimize the loss of the volatile components. Soil samples were analyzed using EPA Method 5035 (closed system purge and trap extraction for VOCs in soil and waste samples) and consisted of the following elements:
   - Retrieval of samples.
   - Laboratory completion of extraction and analysis.

   Because the sealed sample could not be opened to remove a sample aliquot without compromising the integrity of the sample, three sample aliquots were collected to allow for screening and reanalysis. A copy of EPA Method 5035 is provided in the QAPP (TRC, 1997) as SOP O.

6. Portions of the polyacrylate tube samples were selected for laboratory analysis for SVOCs, pesticides, PCBs, and total metals. The tubes were cut using a hand saw and the ends of the cut tubes were covered with plastic caps. The samples were labeled and placed in an iced cooler. A chain-of-custody form was completed prior to delivery to the laboratory.

7. Samples for analytical testing were cooled to approximately 4 degrees Celsius (°C), packed in appropriate containers and delivered to the laboratory on ice as discussed in SOP H in the Revised Supplemental QAPP and ASTM Procedure D-4220.

8. Each boring was backfilled with hydrated bentonite to the ground surface. If the ground surface at the boring location was covered with pavement, it was patched with the appropriate material. The locations were cleaned and restored to the condition they were in prior to drilling.

9. Drilling equipment was decontaminated prior to and between drilling at each borehole location by steam cleaning or pressure washing. Decontamination fluids were contained in 55-gallon Department of Transportation (DOT)-approved drums and staged in Area 2 of the Site for future disposal with quarterly ground water sampling decontamination and purge water. Refer to Standard Operating Procedure (SOP) G in the Revised Supplemental Quality Assurance Project Plan (QAPP Rev. 2.0) (TRC, 1997) for specific details regarding decontamination procedures.

2.2.2.2 Inside Buildings

1. Twenty borings were installed inside existing buildings. The purpose of these borings was to determine the extent of buried waste beneath buildings in Areas 1 and 8 and to obtain samples

for geochemical analyses. Locations were selected based on examination of existing subsurface data summarized in Figure 5.2 of the Remedial Design Investigative Activities Summary Report (TRC, 1999). Figure 2.1 shows the approximate locations of these borings. Logs for these borings are presented in Appendix B.

2. These borings were drilled and sampled using a limited access direct push drill rig to a depth of approximately 20 feet bgs. Access holes for the drilling equipment, approximately 6 inches in diameter, were cut through the concrete floor slabs using coring equipment. These holes expedited the work so that it was completed in a manner that minimized the impact on the building occupants. Care was taken to restore the locations to the condition that existed prior to drilling. The holes were patched using a high-strength concrete grout that was quick drying.

3. Samples were collected as described in Section 2.2.2.1.

4. The indoor borings were abandoned as described in Section 2.2.2.1.

2.2.3 HOLLOW-STEM AUGER BORINGS

1. A total of eight hollow-stem auger test borings (hollow-stem borings) were completed. Figure 2.1 shows the locations of the hollow-stem borings. Logs for these borings are presented in Appendix C.

2. The purpose of these hollow-stem borings was to further evaluate the extent of buried waste in Areas 1 and 8 and to obtain soil samples for geotechnical laboratory analyses. Particular emphasis was placed on defining subsurface conditions adjacent to existing buildings. Locations were selected based upon examination of existing subsurface data summarized in Figure 5.2 of the Remedial Design Investigative Activities Summary Report (TRC, 1999), and the locations of the borings described in the previous section.

3. The hollow-stem borings were drilled to a depth of approximately 35 to 40 feet bgs. This depth was selected based on the maximum anticipated excavation depth of 18 feet bgs to remove buried waste in Areas 1 and 8, to obtain sufficient subsurface soil geotechnical data to support design of shoring and underpinning systems, and to keep the borings from penetrating into the ground water. The hollow-stem borings were sampled at approximately 5-foot vertical increments to the boring termination depth. Soil samples collected from the hollow-stem

borings consist of relatively undisturbed drive and thin-wall tube samples. Soil samples were handled as described in the Revised Supplemental Field Sampling and Analysis Plan (FSAP Rev. 2.0) (TRC, 1997a).

4. Samples were obtained at 5-foot intervals using a split-spoon sampler, lined with brass rings, and thin-walled tube samplers for waste samples (described below). The split-spoon sampler rings were thin-walled, and had a 2-1/2-inch inside-diameter. They fit snugly inside the sampler with no discernible free play in any direction. The sampler and rings were free of protrusions, dents, scratches, rust, dirt and corrosion.

5. The split-spoon sampler was driven 18 inches into the soil using a 140-pound hammer falling 30 inches. The number of blows applied for each 6-inch increment was counted and recorded on the boring logs.

6. Following driving the split-spoon sampler was disassembled in such a manner as to minimize soil disturbance as much as possible. The percent recovery or length of sample recovered was recorded. The soil was trimmed flush with the ends of the sampling barrel. A PVC container was slipped over the specimen-filled rings and both ends capped, being certain that there was no movement of the specimen-filled rings inside the container and that the specimen was not disturbed while being removed from the barrel and placed in the container.

7. The soil remaining in the split-spoon sampler shoe was examined for structure, consistency, color and condition. These observations were recorded on the boring log.

8. A 3-inch-diameter thin-walled tube sampler was used for obtaining waste samples. It was pushed 30 inches into the waste using the hydraulic system on the drill rig. The sampler was withdrawn from the formation as carefully as possible in order to minimize disturbance of the sample. Upon removal of the tube, the length of sample in the tube was measured. The upper end of the tube was sealed with a plastic cap and duct tape. At least 1 inch of material was removed from the lower end of the tube for soil description. The lower end of the tube was then sealed with a plastic cap and duct tape.

9. The ring and tube samples were labeled and transported according to ASTM Procedure D-4220 and SOP H in the Revised Supplemental QAPP (TRC, 1997).

10. Each hollow-stem boring was backfilled with bentonite grout to the ground surface. If the ground surface at the boring location was covered with pavement, it was patched with the appropriate material. The locations were cleaned and restored to the condition they were in prior to drilling. Drill cuttings were placed into 55-gallon DOT-approved drums and staged in Area 2 for future disposal.

11. Augers and sampling equipment were decontaminated according to procedures outlined in SOP G in the QAPP (TRC, 1997). Decontamination fluids were contained in 55-gallon DOT-approved drums and staged in Area 2 of the Site for future disposal with quarterly ground water sampling decontamination and purge water.

2.2.4 LABORATORY TESTING PROGRAM

2.2.4.1 Analytical Laboratory Testing

1. Select soil samples were delivered to a state-certified analytical laboratory for evaluation of their chemical characteristics. Select samples were analyzed by the following EPA methods:
   - Volatile Organic Compounds (VOCs) by Methods 5035 and 8260 (Refer to SOP O in the QAPP for details regarding Method 5035).
   - Semivolatile Organic Compounds (SVOC) by Method 8270.
   - Metals by Methods 6010A, 7060, 7421, 7470 and 7740.
   - Pesticides and Polychlorinated Biphenyls (PCBs) by Method 8081.
   - Total Recoverable Petroleum Hydrocarbons (TRPH) by Method 418.1.

   The results of TRPH and VOC analyses performed on samples from direct push and indoor direct push borings are summarized in Tables 2.1A and 2.2A, respectively. The results of SVOC analyses performed on samples from direct push and indoor direct push borings are summarized in Tables 2.1B and 2.2B, respectively. The results of PCB, pesticides and metals analyses performed on samples from direct push and indoor direct push borings are summarized in Tables 2.1C and 2.2C, respectively. Analytical laboratory reports are presented on disk in Appendix D.

2. Analyzed samples included samples from the fill material overlying the buried waste, the buried waste and from native soils underlying the waste. This testing was performed to verify that the concentration of any Chemicals of Concern (COCs) in these materials are below remediation goals for the Site. Hence, verifying that, from a geochemical standpoint, the overlying fill soils can be reused for backfilling the excavations and that the native soils can be left in place. Sample selection for laboratory analysis was based on visual observations of the available samples, their location and on field measurements such as photoionization detector (PID) readings.

3. During the investigation, soil samples were analyzed using EPA Method 418.1 for total TRPH. This data was used to determine if a correlation exists between TRPH and other constituents (i.e., VOCs, benzene, etc.).

4. Those samples that were not selected for analysis were placed in 55-gallon DOT-approved drums and staged in Area 2 for future disposal.

2.2.4.2 Geotechnical Laboratory Testing

1. As described in Section 1.2, the purpose for performing the SSI changed during the investigation. As a result, the originally planned geotechnical laboratory testing program described in Section 2.1 was reduced. The reduced program consisted of the following tests:
   - Moisture content and density determinations.
   - Grain-size analyses.
   - Unconfined compressive strength measurements.
   - Direct shear strength measurements.

   These tests were performed on selected samples obtained from the hollow-stem borings. The samples analyzed are tabulated in Tables 2.3A and 2.3B. The results of the analyses are summarized in Table 2.4. The geotechnical laboratory reports are included in Appendix F.

3.0 SUMMARY OF SITE CONDITIONS

3.1 EXTENT OF BURIED WASTE

1. The extent of buried waste is shown in Figures 3.1 to 3.3. As can be seen in Figure 3.1, the buried waste underlies a larger area than had been interpreted from previous explorations at the Site. The increases were found primarily on Parcels 28, 29, 32, 37 and 41. However, the depths at which buried waste was encountered were similar to those measured in previous explorations.

2. The revised volume of buried waste in Areas 1 and 8 is approximately 21,000 cubic yards (cy). Of this, approximately 2,600 cy is estimated to be within the footprints of existing buildings and approximately 18,400 cy is estimated to be outside of the building footprints.

3.2 CHARACTERIZATION OF FILL MATERIAL

3.2.1 PHYSICAL CHARACTERISTICS

1. The fill material ranges from 1 to 14 feet in thickness in Areas 1 and 8 (Refer to Table 3.1). The fill material is comprised of sand to clay. Pieces of broken concrete, asphalt, bricks, wood and sawdust were also found within the fill material. The fill material was in a firm to stiff condition.

3.2.2 CHEMICAL CHARACTERISTICS

1. The fill material samples were analyzed by a state-certified analytical laboratory for the following constituents:
   - TRPH
   - VOCs
   - SVOCs
   - Pesticides
   - PCBs
   - Total Metals

2. TRPH concentrations ranged from 7.0 milligrams per kilogram (mg/kg) to a maximum of 14,000 mg/kg measured in sample DP-6-8.

3. VOCs were detected in the following four samples:
   - Sample DP-22-3
     - PCE-2.7 micrograms per kilogram (μg/kg) (the 1994 ROD did not establish standards for this compound but the October 1, 1999 EPA Preliminary Remediation Goal [PRG] for industrial soil is 19,000 μg/kg).
   - Sample DP-27-3
     - Benzene - 15 μg/kg (the 1994 ROD established standard for this compound is 2,700 μg/kg).
     - Ethylbenzene - 120 μg/kg (the 1994 ROD did not establish standards for this compound but the PRG for industrial soil is 230,000 μg/kg).
     - m and p-xylenes - 100 μg/kg (the 1994 ROD did not establish standards for this compound but the PRG for industrial soil is 210,000 μg/kg).
     - PCE - 2.7 μg/kg (the 1994 ROD did not establish standards for this compound but the PRG for industrial soil is 19,000 μg/kg).
     - TCE - 22 μg/kg (the 1994 ROD did not establish standards for this compound but the PRG for industrial soil is 6,100 μg/kg).
   - Sample IDP-10-6
     - Acetone - 11 μg/kg (the 1994 ROD did not establish standards for this compound but the PRG for industrial soil is 6,200,000 μg/kg).

4. Sample DP-27-3 showed concentrations of the following SVOC compounds:
   - 2-methylnaphthalene - 17,000 μg/kg (the 1994 ROD did not established a standard for this compound and no PRG has been established).
   - fluorene - 2,200 μg/kg (the 1994 ROD did not established a standard for this compound but the PRG for industrial soil is 33,000,000 μg/kg).
   - naphthalene - 4,500 μg/kg (the 1994 ROD did not established a standard for this compound but the PRG for industrial soil is 190,000 μg/kg).
   - phenanthrene - 4,700 μg/kg (the 1994 ROD did not established a standard for this compound and no PRG has been established).

5. Pesticides were detected in one sample. Sample DP-23-3 showed concentrations of the following compounds:
   - 4,4' - DDE - 150 μg/kg (the 1994 ROD did not established a standard for this compound but the PRG for industrial soil is 12,000 μg/kg).
   - 4,4' - DDT - 320 μg/kg (the 1994 ROD established a 5,000 μg/kg standard for this compound).

6. PCBs were not detected in any of the fill samples.

7. The following metals were detected in the fill samples:
   - Aluminum ranged from 10,000 mg/kg to 33,000 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).
   - Antimony was not detected in the fill samples.

- Arsenic ranged from 2.8 mg/kg to 8 mg/kg (the 1994 ROD established a standard of 10 mg/kg for this metal).
- Barium ranged from 100 mg/kg to 200 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 10,000 mg/kg).
- Beryllium ranged from 0.50 mg/kg to 0.59 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 2,200 mg/kg).
- Cadmium ranged from 0.51 mg/kg to 1.1 mg/kg (the 1994 ROD established a standard of 39 mg/kg for this metal).
- Calcium ranged from 3,500 mg/kg to 16,000 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Chromium ranged from 20 mg/kg to 39 mg/kg (the 1994 ROD established a standard of 44 mg/kg for this metal).
- Cobalt ranged from 5.8 mg/kg to 18 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).
- Iron ranged from 16,000 mg/kg to 37,000 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).
- Lead ranged from 3.8 mg/kg to 22 mg/kg (the 1994 ROD established a standard of 500 mg/kg for this metal).
- Magnesium ranged from 4,800 mg/kg to 9,300 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Manganese ranged from 220 mg/kg to 950 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 32,000 mg/kg).
- Mercury ranged from 0.033 mg/kg to 0.29 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 610 mg/kg).
- Nickel ranged from 14 mg/kg to 31 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Selenium was not detected in any of the samples.
- Sodium ranged from 280 mg/kg to 2,500 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Thallium was not detected in any of the samples.
- Vanadium ranged from 36 mg/kg to 82 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 14,000 mg/kg).
- Zinc ranged from 44 mg/kg to 300 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).

3.3 CHARACTERIZATION OF BURIED WASTE

3.3.1 PHYSICAL CHARACTERISTICS

1. The buried waste ranges in thickness from 1 foot to 14.5 feet and is located from 1 foot below ground surface (bgs) to 14 feet bgs. The waste encountered was black to gray and comprised of a matrix of clay or sandy clay. The waste found in Parcels 32, 37, 41 and 42 was drier and denser than waste found in other areas. This could be indicative of reworking of the buried waste at the time of building construction as discussed in Section 2.2.1.

3.3.2 CHEMICAL CHARACTERISTICS

1. The waste samples were analyzed by a state-certified analytical laboratory for the following constituents:
   - TRPH
   - VOCs
   - SVOCs
   - Pesticides
   - PCBs
   - Total Metals

2. TRPH concentrations ranged from 9.1 mg/kg to a maximum of 3,700 mg/kg measured in sample IDP-5-6.

3. The following VOCs were detected in the waste samples:
   - Acetone ranged from 8.6 μg/kg to 56 μg/kg (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 6,200,000 μg/kg).
   - Benzene ranged from 4.2 μg/kg to 140 μg/kg (the 1994 ROD established a standard of 2,700 μg/kg for this compound).
   - Chlorobenzene ranged from 2.5 μg/kg to 8.9 μg/kg (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 540,000 μg/kg).
   - Ethylbenzene ranged from 2.3 μg/kg to 49 μg/kg (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 230,000 μg/kg).
   - Xylenes ranged from 1.7 μg/kg to 4.2 μg/kg (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 210,000 μg/kg).
   - 1,2-Dichloropropane ranged from 2.4 μg/kg to 3.1 μg/kg (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 770 μg/kg).

Single detections were measured for:

- Cis-1,2-Dichloroethene - 2.3 μg/kg in sample DP-22-8 (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 150,000 μg/kg).
- 2-Butanone - 19 μg/kg in sample DP-24-9 (the 1994 ROD did not establish a standard for this compound and there is no PRG).
- 4-methyl-2-pentanone - 6.9 μg/kg in sample DP-24-9 (the 1994 ROD did not establish a standard for this compound and there is no PRG).
- Toluene - 2.9 μg/kg in sample DP-24-9 (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 520,000 μg/kg).

4. SVOCs were not detected in any of the waste samples.

5. The following pesticides were detected only in waste sample DP-22-8:
   - 4,4'-DDE - 87 μg/kg (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 12,000 μg/kg).
   - 4,4'-DDD - 150 μg/kg (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 17,000 μg/kg).
   - 4,4'-DDT - 170 μg/kg (the 1994 ROD established a standard of 5,000 μg/kg for this compound).

6. PCBs were not detected in any of the waste samples.

7. The following metals were detected in the waste samples:
   - Aluminum ranged from 7,300 mg/kg to 36,000 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).
   - Antimony was not detected in the waste samples.
   - Arsenic ranged from 2.7 mg/kg to 11 mg/kg (the 1994 ROD established a standard of 10 mg/kg for this metal).
   - Barium ranged from 72 mg/kg to 1,300 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 10,000 mg/kg).
   - Beryllium ranged from 0.50 mg/kg to 0.68 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 2,200 mg/kg).
   - Cadmium ranged from 0.52 mg/kg to 1.6 mg/kg (the 1994 ROD established a standard of 39 mg/kg for this metal).
   - Calcium ranged from 2,500 mg/kg to 77,000 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
   - Chromium ranged from 16 mg/kg to 44 mg/kg (the 1994 ROD established a standard of 44 mg/kg for this metal).

- Cobalt ranged from 2.5 mg/kg to 16 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).
- Iron ranged from 8,900 mg/kg to 34,000 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).
- Lead ranged from 5 mg/kg to 470 mg/kg (the 1994 ROD established a standard of 500 mg/kg for this metal).
- Magnesium ranged from 4,300 mg/kg to 9,100 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Manganese ranged from 170 mg/kg to 750 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 32,000 mg/kg).
- Mercury ranged from 0.022 mg/kg to 0.20 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 610 mg/kg).
- Nickel ranged from 8.3 mg/kg to 29 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Selenium was not detected in any of the samples.
- Sodium ranged from 350 mg/kg to 1,100 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Thallium was not detected in any of the samples.
- Vanadium ranged from 24 mg/kg to 81 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 14,000 mg/kg).
- Zinc ranged from 39 mg/kg to 210 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).

3.4 CHARACTERIZATION OF NATIVE SOIL

3.4.1 PHYSICAL CHARACTERISTICS

1. Native soil was encountered from 2.5 feet bgs to 20 feet bgs. It is comprised of a red-brown clay and sandy clay and is underlain by brown silty sand and sand. These materials are typically in a stiff or dense condition and are moist.

3.4.2 CHEMICAL CHARACTERISTICS

1. The native soil samples were analyzed by a state-certified analytical laboratory for the following constituents:
   - TRPH
   - VOCs
   - SVOCs

- Pesticides
- PCBs
- Total Metals

2. TRPH concentrations ranged from 5.1 mg/kg to 2,400 mg/kg with the maximum concentration measured in sample DP-20-20.

3. Ethylbenzene (2.2 μg/kg) was detected only in sample DP-31-20 (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 230,000 μg/kg).

4. 2-Methylnaphthalene (250 μg/kg) and Phenanthrene (2,700 μg/kg) were detected in samples DP-27-3 and IDP-14-20, respectively (the 1994 ROD did not establish standards for these compounds and no PRGs have been established).

5. Pesticides were detected only in the following native soil samples:
   - Sample DP-4-6
     - 4,4'-DDD - 20 μg/kg (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 17,000 μg/kg).
     - 4,4'-DDE - 900 μg/kg (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 12,000 μg/kg).
   - Sample IDP-2-20
     - Toxaphene - 3,900 μg/kg (the 1994 ROD did not establish a standard for this compound but the PRG for industrial soil is 2,200 μg/kg).

6. PCBs were not detected in any of the native soil samples.

7. The following metals were detected in the following native soil samples:
   - Aluminum ranged from 5,300 mg/kg to 31,000 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).
   - Antimony was not detected in any of the native soil samples.
   - Arsenic ranged from 2.2 mg/kg to 31 mg/kg (the 1994 ROD established a standard of 10 mg/kg for this metal).
   - Barium ranged from 45 mg/kg to 2,800 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 10,000 mg/kg).
   - Beryllium ranged from 0.51 mg/kg to 1.0 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 2,200 mg/kg).
   - Cadmium ranged from 0.50 mg/kg to 2.2 mg/kg (the 1994 ROD established a standard of 39 mg/kg for this metal).

- Calcium ranged from 1,700 mg/kg to 39,000 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Chromium ranged from 8.8 mg/kg to 67 mg/kg (the 1994 ROD established a standard of 44 mg/kg for this metal).
- Cobalt ranged from 3.9 mg/kg to 21 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).
- Iron ranged from 10,000 mg/kg to 35,000 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).
- Lead ranged from 2.4 mg/kg to 320 mg/kg (the 1994 ROD established a standard of 500 mg/kg for this metal).
- Magnesium ranged from 3,000 mg/kg to 15,000 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Manganese ranged from 150 mg/kg to 1,100 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 32,000 mg/kg).
- Mercury ranged from 0.026 mg/kg to 8.1 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 610 mg/kg).
- Nickel ranged from 7.2 mg/kg to 260 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Selenium (2.2 mg/kg) was detected only in sampled DP-16-16.
- Sodium ranged from 200 mg/kg to 2,500 mg/kg (the 1994 ROD did not establish a standard for this metal and no PRG has been established).
- Thallium was not detected in any of the samples.
- Vanadium ranged from 25 mg/kg to 85 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 14,000 mg/kg).
- Zinc ranged from 24 mg/kg to 210 mg/kg (the 1994 ROD did not establish a standard for this metal but the PRG for industrial soil is 100,000 mg/kg).

3.5 COMPLIANCE WITH CITY OF SANTA FE SPRINGS BUILDING CODE

1. At a number of parcels, primarily in Area 8, the existing parcel structures do not conform to the current City of Santa Fe Springs building code. The nonconformance items are typically building setbacks from property lines, type of building construction, parking to floor space ratios and minimum lot size. During the SSI, the WDIG was informed by the City of Santa Fe Springs that if the existing structures were removed during the performance of TM No. 14, their reconstruction would likely not be permitted.

4.0 FINDINGS

1. The subsurface conditions encountered in test borings performed for the SSI were generally consistent with conditions encountered in previous investigations performed at the Site. A layer of fill soil was encountered in each test boring. The thickness of the fill soil ranged from 1 to 14 feet with an average of 5 feet. Buried waste was encountered in 54 of the 71 test borings. The buried waste ranged from 0.5 to 14-1/2 feet in thickness with an average of approximately 6-1/2 feet. The maximum depth at which buried waste was encountered was 20 feet bgs. Native site soils were encountered beneath the buried waste in each test boring performed.

2. Of the geochemical analyses performed on samples of the fill material, none exceeded either the 1994 WDI ROD standards and/or the EPA's Preliminary Remediation Goals (PRGs) for industrial soil. However, it should be noted that, due to matrix interference, the laboratory detection limits for analyses of some of the samples exceeded the ROD standards and/or PRGs. Of the geochemical analyses performed on samples of the buried waste, the only constituent for which exceedances of the ROD standards and/or PRGs were measured was arsenic at a maximum concentration of 18 mg/kg in sample IDP-14-10 (WDI ROD standard for arsenic is 10 mg/kg). Of the geochemical analyses performed on samples of the native site soils, the only constituents for which exceedances of the ROD standards and/or PRGs were measured were arsenic at a maximum concentration of 31 mg/kg in sample IDP-2-20, chromium at a maximum concentration of 67 in sample DP-4-6 (WDI ROD standard is 44 mg/kg), and toxaphene is one sample at a concentration of 3.9 mg/kg in sample IDP-2-20 (EPA PRG is 2.2 mg/kg).

3. Buried waste was found to underlie a larger area than estimated from previous investigations performed at the Site. Based on the results of the SSI explorations, there is buried waste underlying the buildings or structures on the following parcels:
   - 3
   - 21
   - 22
   - 24
   - 29
   - 32
   - 37
   - 41
   - 43
   - 44

Based on the results of the SSI, the revised estimate of the volume of waste in Areas 1 and 8 (i.e., approximately 21,000 cy), is more than double what had been estimated from previous investigations at the Site.

4. Documentary evidence was found during the SSI (Appendix E) which shows that the buried waste beneath Parcel 37 was excavated, moisture conditioned and replaced as a compacted fill during construction of the buildings located on this parcel. Conversations with longtime occupants of the Site area and observations of the structural conditions of the buildings suggests that a similar procedure may have been followed at a number of the other parcels in Areas 1 and 8.

5. To excavate the buried waste from Areas 1 and 8 would require demolition of a number of the existing buildings. The City of Santa Fe Springs has indicated that permits would likely not be issued for reconstruction of these buildings as they do not meet current City building and planning codes.

5.0 REFERENCES

Advanced Foundation Engineering, Inc. 1971. *Foundation Investigation Proposed Industrial Building 12707 East Los Nietos Road, Santa Fe Springs, California.* October 22, 1971.

Dames & Moore. 1984. *Summary of Findings Preliminary Site Characterization, Waste Disposal, Inc.*, for Redevelopment Agency, City of Santa Fe Springs, California. Dames & Moore Job No. 13262-005-01. December 7, 1984.

Dames & Moore. 1985. *Summary of Findings Phase II Investigation, Waste Disposal, Inc. Site,* for Redevelopment Agency City of Santa Fe Springs, California. March 14, 1985.

Dames & Moore. 1986a. *Draft Summary of Findings Field Investigation Campbell Property,* Greenleaf Avenue and Los Nietos Road, Santa Fe Springs, California. Dames & Moore Job No. 13262-011-42. May 20, 1986.

Dames & Moore. 1986b. *Report Cone Penetrometer Survey, Shallow Vapor Survey, Campbell Property*, Greenleaf Avenue and Los Nietos Road, Santa Fe Springs, California. Dames & Moore Job No. 13262-014-42. August 14, 1986.

Dames & Moore. 1986d. *Report Soil Sampling Program, Toxo Spray-Dust, Inc. Site*, Santa Fe Springs, California. Dames & Moore Job No. 13262-017-042. November 5, 1986.

EPA. 1993c. *Feasibility Study Report for Soils and Subsurface Gas Waste Disposal, Inc. Superfund Site,* Santa Fe Springs, California. August 2, 1993.

EPA. 1993d. *Record of Decision (ROD) - Soils and Subsurface Gas Operable Unit.* December 22, 1993.

EPA. 1997a. *Docket No. 97-09 - Amended Administrative Order for Remedial Design and Other Response Actions (Amending Docket No. 94-17).* 1997.

EPA. 1997b. *Attachment 2 - Amended Scope of Work for Remedial Design.* Waste Disposal, Inc. Superfund Site Soil and Subsurface Gas Operable Unit, Santa Fe Springs, California. March 1997.

HSE (Hammond Soils Engineering). 1975. *Fill Investigation and Preliminary Soils Study,* Proposed Industrial Building Located at 12707 East Los Nietos Road, Santa Fe Springs, California. August 4, 1975.

Hunter, J.L. and Associates, Inc. 1987. Soil Investigation. December 1987.

Moore and Taber. 1981. Foundation Investigation. 1981.

TRC. 1995. *Predesign and Intermediate (60%) Design Report, Soils and Subsurface Gas Remedial Design, Waste Disposal, Inc. Superfund Site,* Santa Fe Springs, California. October 1995.

TRC. 1996. *Prefinal (90%) Design Report Soils and Subsurface Gas Remedial Design.* April 1996.

TRC. 1997a. *Revised Supplemental Field Sampling and Analysis Plan (Rev. 2.0).* November 1997.

TRC. 1997b. *Revised Supplemental Quality Assurance Project Plan (Rev. 2.0)* November 1997.

TRC. 1999. *Remedial Design Investigative Activities Summary Report (Revision 1.0).* August 1999.

TRC, 2000. Supplemental Subsurface Investigation - RD Investigative Activities, Waste Disposal, Inc. Superfund Site. September 29, 2000.

TABLES

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Subsurface Supplemental Investigation
Table 2.1A

Total Recoverable Petroleum Hydrocarbons and Volatile Organic Compounds Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 21			Parcel 21			Parcel 21			Parcel 22			Parcel 22			Parcel 41			Parcel 41			Parcel 22			Parcel 22		
Sample Number	WDI-SB-DP-2-6			WDI-SB-DP-2-5			WDI-SB-DP-2-19			WDI-SB-DP-4-6			WDI-SB-DP-4-15			WDI-SB-DP-6-8			WDI-SB-DP-6-20			WDI-SB-DP-8-11			WDI-SB-DP-8-23		
Sample Type	Fill			Fill			Native			Native			Native			Fill			Native			Fill			Native		
Sample Depth	6			5			19			6			15			8			20			11			23		
Sample Date	10/2/00			10/2/00			10/2/00			10/2/00			10/2/00			10/3/00			10/3/00			10/3/00			10/3/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0031-01			IJJ0031-02			IJJ0031-03			IJJ0031-04			IJJ0031-05			IJJ0087-01			IJJ0087-02			IJJ0087-03			IJJ0087-04		
Analysis Date				10/5/00			10/5/00			10/5/00			10/5/00			10/5/00			10/5/00			10/5/00			10/5/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
				mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Total Recoverable Hydrocarbons				**2,700**		250	5.0	U	5.0	**420**		5.0	5.0	U	5.0	**14,000**		300	**5.1**		5.0	**7.0**		5.0	5.0	U	5.0
Analysis Date	10/4/00						10/4/00			10/5/00			10/4/00			10/4/00			10/4/00			10/4/00			10/4/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg						ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,1,1-Trichloroethane	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
1,1,2,2-Tetrachloroethane	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
1,1,2-Trichloroethane	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
1,1-Dichloroethane	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
1,1-Dichloroethene	5.0	U	5.0				5.0	U	5.0	5.6	H,U	5.6	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.0	U	4.0	5.0	U	5.0
1,2-Dibromoethane (EDB)	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
1,2-Dichloroethane	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
1,2-Dichloropropane	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
2-Butanone (MEK)	10	U	10				10	U	10	11	H,U	11	8.3	U	8.3	10	U	10	10	U	10	8.0	U	8.0	10	U	10
2-Hexanone	10	U	10				10	U	10	11	H,U	11	8.3	U	8.3	10	U	10	10	U	10	8.0	U	8.0	10	U	10
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0				5.0	U	5.0	5.6	H,U	5.6	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.0	U	4.0	5.0	U	5.0
Acetone	10	U	10				10	U	10	11	H,U	11	8.3	U	8.3	10	U	10	10	U	10	8.0	U	8.0	10	U	10
Benzene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Bromodichloromethane	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Bromoform	5.0	U	5.0				5.0	U	5.0	5.6	H,U	5.6	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.0	U	4.0	5.0	U	5.0
Bromomethane	5.0	U	5.0				5.0	U	5.0	5.6	H,U	5.6	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.0	U	4.0	5.0	U	5.0
Carbon Disulfide	5.0	U	5.0				5.0	U	5.0	5.6	H,U	5.6	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.0	U	4.0	5.0	U	5.0
Carbon tetrachloride	5.0	U	5.0				5.0	U	5.0	5.6	H,U	5.6	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.0	U	4.0	5.0	U	5.0
Chlorobenzene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Chloroethane	5.0	U	5.0				5.0	U	5.0	5.6	H,U	5.6	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.0	U	4.0	5.0	U	5.0
Chloroform	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Chloromethane	5.0	U	5.0				5.0	U	5.0	5.6	H,U	5.6	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.0	U	4.0	5.0	U	5.0
cis-1,2-Dichloroethene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
cis-1,3-Dichloropropene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Dibromochloromethane	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Ethylbenzene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
m,p-Xylenes	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Methylene chloride	20	U	20				20	U	20	22	H,U	22	17	U	17	20	U	20	20	U	20	16	U	16	20	U	20
o-Xylene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Styrene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Tetrachloroethene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Toluene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
trans-1,2-Dichloroethene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
trans-1,3-Dichloropropene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Trichloroethene	2.0	U	2.0				2.0	U	2.0	2.2	H,U	2.2	1.7	U	1.7	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	2.0	U	2.0
Vinyl acetate	5.0	U	5.0				5.0	U	5.0	5.6	H,U	5.6	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.0	U	4.0	5.0	U	5.0
Vinyl chloride	5.0	U	5.0				5.0	U	5.0	5.6	H,U	5.6	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.0	U	4.0	5.0	U	5.0

Notes:

H= Sample analysis performed past method-specified holding time.

H1= Sample analysis performed past the method-specified holding time per client's request.

RL-2= Reporting limit raised due to high concentrations of hydrocarbons.

U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
. Table 2.1A

Total Recoverable Petroleum Hydrocarbons and Volatile Organic Compounds Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 32			Parcel 32			Parcel 28			Parcel 28			Parcel 28			Parcel 28			Parcel 28			Parcel 12			Parcel 12		
Sample Number	WDI-SB-DP-9-7			WDI-SB-DP-9-20			WDI-SB-DP-13-8			WDI-SB-DPFD-13-8			WDI-SB-DP-13-20			WDI-SB-DP-16-6			WDI-SB-DP-16-16			WDI-SB-DP-20-10			WDI-SB-DPFD-20-10		
Sample Type	Waste			Native			Native			Native			Native			Fill			Native			Waste			Waste		
Sample Depth	7			20			8			8			20			6			16			10			10		
Sample Date	10/4/00			10/4/00			10/5/00			10/5/00			10/5/00			10/5/00			10/5/00			10/10/00			10/10/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0127-01			IJJ0127-02			IJJ0197-01			IJJ0197-02			IJJ0197-03			IJJ0197-04			IJJ0197-05			IJJ0315-03			IJJ0315-04		
Analysis Date	10/13/00			10/13/00			10/17/00			10/17/00			10/17/00			10/17/00			10/17/00			10/17/00			10/17/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Total Recoverable Hydrocarbons	**2,000**		25	5.0	U	5.0	5.0	U	5.0	**12**		5.0	**14**		5.0	5.0	U	5.0	**42**	M	5.0	**820**		15	**200**		57
Analysis Date	10/11/00			10/5/00			10/11/00			10/11/00			10/11/00			10/11/00			10/11/00			10/12/00			10/13/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,1,1-Trichloroethane	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
1,1,2,2-Tetrachloroethane	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
1,1,2-Trichloroethane	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
1,1-Dichloroethane	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
1,1-Dichloroethene	5.0	U	5.0	4.4	U	4.4	4.1	U	4.1	4.1	U	4.1	4.3	U	4.3	4.2	U	4.2	3.8	U	3.8	5.0	U	5.0	230	RL-2,U	230
1,2-Dibromoethane (EDB)	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
1,2-Dichloroethane	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
1,2-Dichloropropane	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
2-Butanone (MEK)	10	U	10	8.9	U	8.9	8.3	U	8.3	8.1	U	8.1	8.6	U	8.6	8.4	U	8.4	7.7	U	7.7	10	U	10	470	RL-2,U	470
2-Hexanone	10	U	10	8.9	U	8.9	8.3	U	8.3	8.1	U	8.1	8.6	U	8.6	8.4	U	8.4	7.7	U	7.7	10	U	10	470	RL-2,U	470
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	4.4	U	4.4	4.1	U	4.1	4.1	U	4.1	4.3	U	4.3	4.2	U	4.2	3.8	U	3.8	5.0	U	5.0	230	RL-2,U	230
Acetone	10	U	10	8.9	U	8.9	8.3	U	8.3	8.1	U	8.1	8.6	U	8.6	8.4	U	8.4	7.7	U	7.7	**22**		10	470	RL-2,U	470
Benzene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Bromodichloromethane	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Bromoform	5.0	U	5.0	4.4	U	4.4	4.1	U	4.1	4.1	U	4.1	4.3	U	4.3	4.2	U	4.2	3.8	U	3.8	5.0	U	5.0	230	RL-2,U	230
Bromomethane	5.0	U	5.0	4.4	U	4.4	4.1	U	4.1	4.1	U	4.1	4.3	U	4.3	4.2	U	4.2	3.8	U	3.8	5.0	U	5.0	230	RL-2,U	230
Carbon Disulfide	5.0	U	5.0	4.4	U	4.4	4.1	U	4.1	4.1	U	4.1	4.3	U	4.3	4.2	U	4.2	3.8	U	3.8	5.0	U	5.0	230	RL-2,U	230
Carbon tetrachloride	5.0	U	5.0	4.4	U	4.4	4.1	U	4.1	4.1	U	4.1	4.3	U	4.3	4.2	U	4.2	3.8	U	3.8	5.0	U	5.0	230	RL-2,U	230
Chlorobenzene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Chloroethane	5.0	U	5.0	4.4	U	4.4	4.1	U	4.1	4.1	U	4.1	4.3	U	4.3	4.2	U	4.2	3.8	U	3.8	5.0	U	5.0	230	RL-2,U	230
Chloroform	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Chloromethane	5.0	U	5.0	4.4	U	4.4	4.1	U	4.1	4.1	U	4.1	4.3	U	4.3	4.2	U	4.2	3.8	U	3.8	5.0	U	5.0	230	RL-2,U	230
cis-1,2-Dichloroethene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
cis-1,3-Dichloropropene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Dibromochloromethane	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Ethylbenzene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	**9.8**		2.0	93	RL-2,U	93
m,p-Xylenes	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Methylene chloride	20	U	20	18	U	18	17	U	17	16	U	16	17	U	17	17	U	17	15	U	15	20	U	20	930	RL-2,U	930
o-Xylene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Styrene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Tetrachloroethene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Toluene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
trans-1,2-Dichloroethene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
trans-1,3-Dichloropropene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Trichloroethene	2.0	U	2.0	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	1.7	U	1.7	1.7	U	1.7	1.5	U	1.5	2.0	U	2.0	93	RL-2,U	93
Vinyl acetate	5.0	U	5.0	4.4	U	4.4	4.1	U	4.1	4.1	U	4.1	4.3	U	4.3	4.2	U	4.2	3.8	U	3.8	5.0	U	5.0	230	RL-2,U	230
Vinyl chloride	5.0	U	5.0	4.4	U	4.4	4.1	U	4.1	4.1	U	4.1	4.3	U	4.3	4.2	U	4.2	3.8	U	3.8	5.0	U	5.0	230	RL-2,U	230

Notes:

H= Sample analysis performed past method-specified holding time.

H1= Sample analysis performed past the method-specified holding time per client's request.

RL-2= Reporting limit raised due to high concentrations of hydrocarbons.

U= Constituent not detected above laboratory's reporting limits.

TRC
Customer Focused Solutions

Subsurface Supplemental Investigation
Table 2.1A

Total Recoverable Petroleum Hydrocarbons and Volatile Organic Compounds Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 12			Parcel 11			Parcel 11			Parcel 11			Parcel 24			Parcel 24			Parcel 30			Parcel 30		
Sample Number	WDI-SB-DP-20-20			WDI-SB-DP-22-3			WDI-SB-DP-22-8			WDI-SB-DPFD-22-8			WDI-SB-DP-24-9			WDI-SB-DP-24-15			WDI-SB-DP-25-10			WDI-SB-DP-25-20		
Sample Type	Native			Fill			Waste			Waste			Waste			Native			Waste			Native		
Sample Depth	20			3			8			8			9			15			10			20		
Sample Date	10/10/00			10/10/00			10/10/00			10/10/00			10/12/00			10/12/00			10/12/00			10/12/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0315-05			IJJ0315-08			IJJ0315-06			IJJ0315-07			IJJ0445-06			IJJ0445-07			IJJ0445-08			IJJ0445-09		
Analysis Date	10/17/00			10/17/00			10/17/00			10/17/00			10/23/00			10/23/00			10/23/00			10/23/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Total Recoverable Hydrocarbons	**2,400**		100	**80**		5.0	**100**		5.0	**190**		5.0	**1,200**		15	5.0	U	5.0	**12**		5.0	5.0	U	5.0
Analysis Date	10/12/00			10/12/00			10/12/00			10/12/00			10/19/00			10/19/00			10/19/00			10/19/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,1,1-Trichloroethane	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
1,1,2,2-Tetrachloroethane	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
1,1,2-Trichloroethane	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
1,1-Dichloroethane	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
1,1-Dichloroethene	5.0	U	5.0	4.5	U	4.5	4.4	U	4.4	5.0	U	5.0	6.7	U	6.7	5.0	U	5.0	4.4	U	4.4	4.4	U	4.4
1,2-Dibromoethane (EDB)	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
1,2-Dichloroethane	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
1,2-Dichloropropane	2.0	U	2.0	1.8	U	1.8	**2.4**		1.8	**3.1**		2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
2-Butanone (MEK)	10	U	10	9.0	U	9.0	8.8	U	8.8	10	U	10	**19**		13	10	U	10	8.8	U	8.8	8.8	U	8.8
2-Hexanone	10	U	10	9.0	U	9.0	8.8	U	8.8	10	U	10	13	U	13	10	U	10	8.8	U	8.8	8.8	U	8.8
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	4.5	U	4.5	4.4	U	4.4	5.0	U	5.0	**6.9**		6.7	5.0	U	5.0	4.4	U	4.4	4.4	U	4.4
Acetone	10	U	10	9.0	U	9.0	**14**		8.8	**18**		10	**56**		13	10	U	10	8.8	U	8.8	8.8	U	8.8
Benzene	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Bromodichloromethane	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Bromoform	5.0	U	5.0	4.5	U	4.5	4.4	U	4.4	5.0	U	5.0	6.7	U	6.7	5.0	U	5.0	4.4	U	4.4	4.4	U	4.4
Bromomethane	5.0	U	5.0	4.5	U	4.5	4.4	U	4.4	5.0	U	5.0	6.7	U	6.7	5.0	U	5.0	4.4	U	4.4	4.4	U	4.4
Carbon Disulfide	5.0	U	5.0	4.5	U	4.5	4.4	U	4.4	5.0	U	5.0	6.7	U	6.7	5.0	U	5.0	4.4	U	4.4	4.4	U	4.4
Carbon tetrachloride	5.0	U	5.0	4.5	U	4.5	4.4	U	4.4	5.0	U	5.0	6.7	U	6.7	5.0	U	5.0	4.4	U	4.4	4.4	U	4.4
Chlorobenzene	2.0	U	2.0	1.8	U	1.8	**2.5**		1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Chloroethane	5.0	U	5.0	4.5	U	4.5	4.4	U	4.4	5.0	U	5.0	6.7	U	6.7	5.0	U	5.0	4.4	U	4.4	4.4	U	4.4
Chloroform	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Chloromethane	5.0	U	5.0	4.5	U	4.5	4.4	U	4.4	5.0	U	5.0	6.7	U	6.7	5.0	U	5.0	4.4	U	4.4	4.4	U	4.4
cis-1,2-Dichloroethene	2.0	U	2.0	1.8	U	1.8	**2.3**		1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
cis-1,3-Dichloropropene	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Dibromochloromethane	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Ethylbenzene	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
m,p-Xylenes	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	**4.2**		2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Methylene chloride	20	U	20	18	U	18	18	U	18	20	U	20	27	U	27	20	U	20	18	U	18	18	U	18
o-Xylene	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Styrene	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Tetrachloroethene	2.0	U	2.0	**2.7**		1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Toluene	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	**2.9**		2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
trans-1,2-Dichloroethene	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
trans-1,3-Dichloropropene	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Trichloroethene	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8	2.0	U	2.0	2.7	U	2.7	2.0	U	2.0	1.8	U	1.8	1.8	U	1.8
Vinyl acetate	5.0	U	5.0	4.5	U	4.5	4.4	U	4.4	5.0	U	5.0	6.7	U	6.7	5.0	U	5.0	4.4	U	4.4	4.4	U	4.4
Vinyl chloride	5.0	U	5.0	4.5	U	4.5	4.4	U	4.4	5.0	U	5.0	6.7	U	6.7	5.0	U	5.0	4.4	U	4.4	4.4	U	4.4

Notes:

H= Sample analysis performed past method-specified holding time.

H1= Sample analysis performed past the method-specified holding time per client's request.

RL-2= Reporting limit raised due to high concentrations of hydrocarbons.

U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.1A

Total Recoverable Petroleum Hydrocarbons and Volatile Organic Compounds Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 30			Parcel 30			Parcel 43			Parcel 43			Parcel 43			Parcel 43			Parcel 43			Parcel 43		
Sample Number	WDI-SB-DP-27-3			WDI-SB-DP-27-15			WDI-SB-DP-29-6			WDI-SB-DP-29-20			WDI-SB-DP-31-5			WDI-SB-DPFD-31-5			WDI-SB-DP-31-20			WDI-SB-DP-34-8		
Sample Type	Fill			Native			Waste			Native			Waste			Waste			Native			Waste		
Sample Depth	3			15			6			20			5			5			20			8		
Sample Date	10/13/00			10/13/00			10/14/00			10/14/00			10/14/00			10/14/00			10/14/00			10/20/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0523-01			IJJ0523-02			IJJ0531-05			IJJ0531-06			IJJ0531-07			IJJ0531-08			IJJ0531-09			IJJ0733-03		
Analysis Date	10/23/00			10/23/00			10/25/00			10/25/00			10/25/00			10/25/00			10/25/00			11/6/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Total Recoverable Hydrocarbons	**1,200**		50	**9.7**		5.0	**990**		25	**13**		5.0	**9.1**		5.0	**9.1**		4.2	**94**		5.0	**34**		5.0
Analysis Date	10/17/00			10/17/00			10/17/00			10/17/00			10/18/00			10/18/00			10/18/00			11/3/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,1,1-Trichloroethane	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
1,1,2,2-Tetrachloroethane	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
1,1,2-Trichloroethane	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
1,1-Dichloroethane	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
1,1-Dichloroethene	6.4	U	6.4	4.1	U	4.1	4.1	U	4.1	5.0	U	5.0	4.0	U	4.0	4.1	U	4.1	4.5	U	4.5	4.1	H1,U	4.1
1,2-Dibromoethane (EDB)	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
1,2-Dichloroethane	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
1,2-Dichloropropane	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
2-Butanone (MEK)	13	U	13	8.1	U	8.1	8.1	U	8.1	10	U	10	7.9	U	7.9	8.1	U	8.1	9.1	U	9.1	8.2	H1,U	8.2
2-Hexanone	13	U	13	8.1	U	8.1	8.1	U	8.1	10	U	10	7.9	U	7.9	8.1	U	8.1	9.1	U	9.1	8.2	H1,U	8.2
4-Methyl-2-pentanone (MIBK)	6.4	U	6.4	4.1	U	4.1	4.1	U	4.1	5.0	U	5.0	4.0	U	4.0	4.1	U	4.1	4.5	U	4.5	4.1	H1,U	4.1
Acetone	13	U	13	8.1	U	8.1	8.1	U	8.1	10	U	10	7.9	U	7.9	8.1	U	8.1	9.1	U	9.1	**16**	H1	8.2
Benzene	**15**		2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Bromodichloromethane	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Bromoform	6.4	U	6.4	4.1	U	4.1	4.1	U	4.1	5.0	U	5.0	4.0	U	4.0	4.1	U	4.1	4.5	U	4.5	4.1	H1,U	4.1
Bromomethane	6.4	U	6.4	4.1	U	4.1	4.1	U	4.1	5.0	U	5.0	4.0	U	4.0	4.1	U	4.1	4.5	U	4.5	4.1	H1,U	4.1
Carbon Disulfide	6.4	U	6.4	4.1	U	4.1	4.1	U	4.1	5.0	U	5.0	4.0	U	4.0	4.1	U	4.1	4.5	U	4.5	4.1	H1,U	4.1
Carbon tetrachloride	6.4	U	6.4	4.1	U	4.1	4.1	U	4.1	5.0	U	5.0	4.0	U	4.0	4.1	U	4.1	4.5	U	4.5	4.1	H1,U	4.1
Chlorobenzene	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Chloroethane	6.4	U	6.4	4.1	U	4.1	4.1	U	4.1	5.0	U	5.0	4.0	U	4.0	4.1	U	4.1	4.5	U	4.5	4.1	H1,U	4.1
Chloroform	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Chloromethane	6.4	U	6.4	4.1	U	4.1	4.1	U	4.1	5.0	U	5.0	4.0	U	4.0	4.1	U	4.1	4.5	U	4.5	4.1	H1,U	4.1
cis-1,2-Dichloroethene	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
cis-1,3-Dichloropropene	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Dibromochloromethane	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Ethylbenzene	**120**		2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	**2.2**		1.8	1.6	H1,U	1.6
m,p-Xylenes	**100**		2.5	1.6	U	1.6	**1.7**		1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Methylene chloride	25	U	25	16	U	16	16	U	16	20	U	20	16	U	16	16	U	16	18	U	18	16	H1,U	16
o-Xylene	**2.9**		2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Styrene	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Tetrachloroethene	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Toluene	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
trans-1,2-Dichloroethene	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
trans-1,3-Dichloropropene	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Trichloroethene	2.5	U	2.5	1.6	U	1.6	1.6	U	1.6	2.0	U	2.0	1.6	U	1.6	1.6	U	1.6	1.8	U	1.8	1.6	H1,U	1.6
Vinyl acetate	6.4	U	6.4	4.1	U	4.1	4.1	U	4.1	5.0	U	5.0	4.0	U	4.0	4.1	U	4.1	4.5	U	4.5	4.1	H1,U	4.1
Vinyl chloride	6.4	U	6.4	4.1	U	4.1	4.1	U	4.1	5.0	U	5.0	4.0	U	4.0	4.1	U	4.1	4.5	U	4.5	4.1	H1,U	4.1

Notes:

H= Sample analysis performed past method-specified holding time.

H1= Sample analysis performed past the method-specified holding time per client's request.

RL-2= Reporting limit raised due to high concentrations of hydrocarbons.

U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.1B

Semi-Volatile Organic Compounds Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 21			Parcel 21			Parcel 22			Parcel 22			Parcel 41			Parcel 41			Parcel 22			Parcel 22			Parcel 32		
Sample Number	WDI-SB-DP-2-5			WDI-SB-DP-2-19			WDI-SB-DP-4-6			WDI-SB-DP-4-15			WDI-SB-DP-6-8			WDI-SB-DP-6-20			WDI-SB-DP-8-11			WDI-SB-DP-8-23			WDI-SB-DP-9-7		
Sample Type	Fill			Native			Native			Native			Fill			Native			Fill			Native			Waste		
Sample Depth	5			19			6			15			8			20			11			23			7		
Sample Date	10/2/00			10/2/00			10/2/00			10/2/00			10/3/00			10/3/00			10/3/00			10/3/00			10/4/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0031-02			IJJ0031-03			IJJ0031-04			IJJ0031-05			IJJ0087-01			IJJ0087-02			IJJ0087-03			IJJ0087-04			IJJ0127-01		
Analysis Date	10/3/00			10/3/00			10/3/00			10/3/00			10/5/00			10/4/00			10/5/00			10/5/00			10/11/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,2,4-Trichlorobenzene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
1,2-Dichlorobenzene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
1,3-Dichlorobenzene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
1,4-Dichlorobenzene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
2,4,5-Trichlorophenol	150	U	150	150	U	150	7,500	RL-2,U	7,500	150	U	150	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	7,500	RL-2,U	7,500
2,4,6-Trichlorophenol	150	U	150	150	U	150	7,500	RL-2,U	7,500	150	U	150	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	7,500	RL-2,U	7,500
2,4-Dichlorophenol	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
2,4-Dinitrophenol	250	U	250	250	U	250	13,000	RL-2,U	13,000	250	U	250	13,000	RL-2,U	13,000	250	U	250	250	U	250	250	U	250	13,000	RL-2,U	13,000
2,4-Dinitrotoluene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
2,6-Dinitrotoluene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
2-Chloronaphthalene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
2-Methylnaphthalene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
2-Methylphenol	150	U	150	150	U	150	7,500	RL-2,U	7,500	150	U	150	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	7,500	RL-2,U	7,500
2-Nitroaniline	200	U	200	200	U	200	10,000	RL-2,U	10,000	200	U	200	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	10,000	RL-2,U	10,000
2-Nitrophenol	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
3,3-Dichlorobenzidine	500	U	500	500	U	500	25,000	RL-2,U	25,000	500	U	500	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	25,000	RL-2,U	25,000
4,6-Dinitro-2-methylphenol	250	U	250	250	U	250	13,000	RL-2,U	13,000	250	U	250	13,000	RL-2,U	13,000	250	U	250	250	U	250	250	U	250	13,000	RL-2,U	13,000
4-Bromophenyl phenyl ether	150	U	150	150	U	150	7,500	RL-2,U	7,500	150	U	150	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	7,500	RL-2,U	7,500
4-Chloro-3-methylphenol	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
4-Chloroaniline	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
4-Chlorophenyl phenyl ether	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
4-Methylphenol	150	U	150	150	U	150	7,500	RL-2,U	7,500	150	U	150	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	7,500	RL-2,U	7,500
4-Nitroaniline	500	U	500	500	U	500	25,000	RL-2,U	25,000	500	U	500	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	25,000	RL-2,U	25,000
Acenaphthene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Acenaphthylene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Anthracene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Benzo(a)anthracene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Benzo(a)pyrene	200	U	200	200	U	200	10,000	RL-2,U	10,000	200	U	200	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	10,000	RL-2,U	10,000
Benzo(b)fluoranthene	200	U	200	200	U	200	10,000	RL-2,U	10,000	200	U	200	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	10,000	RL-2,U	10,000
Benzo(g,h,i)perylene	150	U	150	150	U	150	7,500	RL-2,U	7,500	150	U	150	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	7,500	RL-2,U	7,500
Benzo(k)fluoranthene	200	U	200	200	U	200	10,000	RL-2,U	10,000	200	U	200	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	10,000	RL-2,U	10,000
Bis(2-chloroethyl)ether	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Bis(2-chloroisopropyl)ether	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Bis(2-ethylhexyl)phthalate	500	U	500	500	U	500	25,000	RL-2,U	25,000	500	U	500	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	25,000	RL-2,U	25,000
Butyl benzyl phthalate	500	U	500	500	U	500	25,000	RL-2,U	25,000	500	U	500	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	25,000	RL-2,U	25,000
Chrysene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Di-n-butyl phthalate	250	U	250	250	U	250	13,000	RL-2,U	13,000	250	U	250	13,000	RL-2,U	13,000	250	U	250	250	U	250	250	U	250	13,000	RL-2,U	13,000
Di-n-octyl phthalate	500	U	500	500	U	500	25,000	RL-2,U	25,000	500	U	500	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	25,000	RL-2,U	25,000
Dibenz(a,h)anthracene	250	U	250	250	U	250	13,000	RL-2,U	13,000	250	U	250	13,000	RL-2,U	13,000	250	U	250	250	U	250	250	U	250	13,000	RL-2,U	13,000
Dibenzofuran	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Dimethyl phthalate	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Fluoranthene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Fluorene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Indeno(1,2,3-cd)pyrene	200	U	200	200	U	200	10,000	RL-2,U	10,000	200	U	200	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	10,000	RL-2,U	10,000
Isophorone	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
n-Nitroso-di-n-propylamine	150	U	150	150	U	150	7,500	RL-2,U	7,500	150	U	150	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	7,500	RL-2,U	7,500
n-Nitrosodiphenylamine	200	U	200	200	U	200	10,000	RL-2,U	10,000	200	U	200	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	10,000	RL-2,U	10,000
Naphthalene	150	U	150	150	U	150	7,500	RL-2,U	7,500	150	U	150	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	R,U	150	7,500	RL-2,U	7,500
Nitrobenzene	500	U	500	500	U	500	25,000	RL-2,U	25,000	500	U	500	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	25,000	RL-2,U	25,000
Pentachlorophenol	500	U	500	500	U	500	25,000	RL-2,U	25,000	500	U	500	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	25,000	RL-2,U	25,000
Phenanthrene	100	U	100	100	U	100	5,000	RL-2,U	5,000	100	U	100	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	5,000	RL-2,U	5,000
Phenol	150	U	150	150	U	150	7,500	RL-2,U	7,500	150	U	150	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	7,500	RL-2,U	7,500
Pyrene	150	U	150	150	U	150	7,500	RL-2,U	7,500	150	U	150	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	7,500	RL-2,R,U	7,500

Notes:
R= The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
RL-2= Reporting limit raised due to high concentrations of hydrocarbons and by a clean-up procedure for Method 418.1 which reduces the total hydrocarbon concentration. This procedure results in the loss of semi-volatiles due to a loss of target analytes.
U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.1B

Semi-Volatile Organic Compounds Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 32			Parcel 28			Parcel 28			Parcel 28			Parcel 28			Parcel 28			Parcel 12			Parcel 12			Parcel 12		
Sample Number	WDI-SB-DP-9-20			WDI-SB-DP-13-8			WDI-SB-DPFD-13-8			WDI-SB-DP-13-20			WDI-SB-DP-16-6			WDI-SB-DP-16-16			WDI-SB-DP-20-10			WDI-SB-DPFD-20-10			WDI-SB-DP-20-20		
Sample Type	Native			Native			Native			Native			Fill			Native			Waste			Waste			Native		
Sample Depth	20			8			8			20			6			16			10			10			20		
Sample Date	10/4/00			10/5/00			10/5/00			10/5/00			10/5/00			10/5/00			10/10/00			10/10/00			10/10/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0127-02			IJJ0197-01			IJJ0197-02			IJJ0197-03			IJJ0197-04			IJJ0197-05			IJJ0315-03			IJJ0315-04			IJJ0315-05		
Analysis Date	10/11/00			10/11/00			10/11/00			10/11/00			10/16/00			10/16/00			10/20/00			10/20/00			10/20/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,2,4-Trichlorobenzene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
1,2-Dichlorobenzene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
1,3-Dichlorobenzene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
1,4-Dichlorobenzene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
2,4,5-Trichlorophenol	150	U	150	150	U	150	150	U	150	150	U	150	150	U	150	3,800	RL-2,U	3,800	750	RL-2,U	750	1,500	RL-2,U	1,500	300	U	300
2,4,6-Trichlorophenol	150	U	150	150	U	150	150	U	150	150	U	150	150	U	150	3,800	RL-2,U	3,800	750	RL-2,U	750	1,500	RL-2,U	1,500	300	U	300
2,4-Dichlorophenol	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
2,4-Dinitrophenol	250	U	250	250	U	250	250	U	250	250	U	250	250	U	250	6,300	RL-2,U	6,300	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	500	U	500
2,4-Dinitrotoluene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
2,6-Dinitrotoluene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
2-Chloronaphthalene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
2-Methylnaphthalene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	250		200
2-Methylphenol	150	U	150	150	U	150	150	U	150	150	U	150	150	U	150	3,800	RL-2,U	3,800	750	RL-2,U	750	1,500	RL-2,U	1,500	300	U	300
2-Nitroaniline	200	U	200	200	U	200	200	U	200	200	U	200	200	U	200	5,000	RL-2,U	5,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	400	U	400
2-Nitrophenol	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
3,3-Dichlorobenzidine	500	U	500	500	U	500	500	U	500	500	U	500	500	U	500	13,000	RL-2,U	13,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,000	U	1,000
4,6-Dinitro-2-methylphenol	250	U	250	250	U	250	250	U	250	250	U	250	250	U	250	6,300	RL-2,U	6,300	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	500	U	500
4-Bromophenyl phenyl ether	150	U	150	150	U	150	150	U	150	150	U	150	150	U	150	3,800	RL-2,U	3,800	750	RL-2,U	750	1,500	RL-2,U	1,500	300	U	300
4-Chloro-3-methylphenol	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
4-Chloroaniline	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
4-Chlorophenyl phenyl ether	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
4-Methylphenol	150	U	150	150	U	150	150	U	150	150	U	150	150	U	150	3,800	RL-2,U	3,800	750	RL-2,U	750	1,500	RL-2,U	1,500	300	U	300
4-Nitroaniline	500	U	500	500	U	500	500	U	500	500	U	500	500	U	500	13,000	RL-2,U	13,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,000	U	1,000
Acenaphthene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Acenaphthylene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Anthracene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Benzo(a)anthracene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Benzo(a)pyrene	200	U	200	200	U	200	200	U	200	200	U	200	200	U	200	5,000	RL-2,U	5,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	400	U	400
Benzo(b)fluoranthene	200	U	200	200	U	200	200	U	200	200	U	200	200	U	200	5,000	RL-2,U	5,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	400	U	400
Benzo(g,h,i)perylene	150	U	150	150	U	150	150	U	150	150	U	150	150	U	150	3,800	RL-2,U	3,800	750	RL-2,U	750	1,500	RL-2,U	1,500	300	U	300
Benzo(k)fluoranthene	200	U	200	200	U	200	200	U	200	200	U	200	200	U	200	5,000	RL-2,U	5,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	400	U	400
Bis(2-chloroethyl)ether	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Bis(2-chloroisopropyl)ether	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Bis(2-ethylhexyl)phthalate	500	U	500	500	U	500	500	U	500	500	U	500	500	U	500	13,000	RL-2,U	13,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,000	U	1,000
Butyl benzyl phthalate	500	U	500	500	U	500	500	U	500	500	U	500	500	U	500	13,000	RL-2,U	13,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,000	U	1,000
Chrysene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Di-n-butyl phthalate	250	U	250	250	U	250	250	U	250	250	U	250	250	U	250	6,300	RL-2,U	6,300	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	500	U	500
Di-n-octyl phthalate	500	U	500	500	U	500	500	U	500	500	U	500	500	U	500	13,000	RL-2,U	13,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,000	U	1,000
Dibenz(a,h)anthracene	250	U	250	250	U	250	250	U	250	250	U	250	250	U	250	6,300	RL-2,U	6,300	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	500	U	500
Dibenzofuran	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Dimethyl phthalate	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Fluoranthene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Fluorene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Indeno(1,2,3-cd)pyrene	200	U	200	200	U	200	200	U	200	200	U	200	200	U	200	5,000	RL-2,U	5,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	400	U	400
Isophorone	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
n-Nitroso-di-n-propylamine	150	U	150	150	U	150	150	U	150	150	U	150	150	U	150	3,800	RL-2,U	3,800	750	RL-2,U	750	1,500	RL-2,U	1,500	300	U	300
n-Nitrosodiphenylamine	200	U	200	200	U	200	200	U	200	200	U	200	200	U	200	5,000	RL-2,U	5,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	400	U	400
Naphthalene	150	U	150	150	U	150	150	U	150	150	U	150	150	U	150	3,800	RL-2,U	3,800	750	RL-2,U	750	1,500	RL-2,U	1,500	300	U	300
Nitrobenzene	500	U	500	500	U	500	500	U	500	500	U	500	500	U	500	13,000	RL-2,U	13,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,000	U	1,000
Pentachlorophenol	500	U	500	500	U	500	500	U	500	500	U	500	500	U	500	13,000	RL-2,U	13,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,000	U	1,000
Phenanthrene	100	U	100	100	U	100	100	U	100	100	U	100	100	U	100	2,500	RL-2,U	2,500	500	RL-2,U	500	1,000	RL-2,U	1,000	200	U	200
Phenol	150	U	150	150	U	150	150	U	150	150	U	150	150	U	150	3,800	RL-2,U	3,800	750	RL-2,U	750	1,500	RL-2,U	1,500	300	U	300
Pyrene	150	R,U	150	150	U	150	150	U	150	150	U	150	150	U	150	3,800	RL-2,U	3,800	750	RL-2,U	750	1,500	RL-2,U	1,500	300	U	300

Notes:
R= The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
RL-2= Reporting limit raised due to high concentrations of hydrocarbons and by a clean-up procedure for Method 418.1 which reduces the total hydrocarbon concentration. This procedure results in the loss of semi-volatiles due to a loss of target analytes.
U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.1B

Semi-Volatile Organic Compounds Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 11			Parcel 11			Parcel 11			Parcel 24			Parcel 24			Parcel 30			Parcel 30			Parcel 30		
Sample Number	WDI-SB-DP-22-8			WDI-SB-DPFD-22-8			WDI-SB-DP-22-3			WDI-SB-DP-24-9			WDI-SB-DP-24-15			WDI-SB-DP-25-10			WDI-SB-DP-25-20			WDI-SB-DP-27-3		
Sample Type	Waste			Waste			Fill			Waste			Native			Waste			Native			Fill		
Sample Depth	8			8			3			9			15			10			20			3		
Sample Date	10/10/00			10/10/00			10/10/00			10/12/00			10/12/00			10/12/00			10/12/00			10/13/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0315-06			IJJ0315-07			IJJ0315-08			IJJ0445-06			IJJ0445-07			IJJ0445-08			IJJ0445-09			IJJ0523-01		
Analysis Date	10/23/00			10/23/00			10/23/00			10/23/00			10/23/00			10/23/00			10/23/00			10/24/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,2,4-Trichlorobenzene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
1,2-Dichlorobenzene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
1,3-Dichlorobenzene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
1,4-Dichlorobenzene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
2,4,5-Trichlorophenol	1,500	RL-2,U	1,500	3,000	RL-2,U	3,000	750	RL-2,U	750	1,500	RL-2,U	1,500	150	U	150	750	RL-2,U	750	150	U	150	3,000	U	3,000
2,4,6-Trichlorophenol	1,500	RL-2,U	1,500	3,000	RL-2,U	3,000	750	RL-2,U	750	1,500	RL-2,U	1,500	150	U	150	750	RL-2,U	750	150	U	150	3,000	U	3,000
2,4-Dichlorophenol	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
2,4-Dinitrophenol	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	250	U	250	1,300	RL-2,U	1,300	250	U	250	5,000	U	5,000
2,4-Dinitrotoluene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
2,6-Dinitrotoluene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
2-Chloronaphthalene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
2-Methylnaphthalene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	**17,000**		2,000
2-Methylphenol	1,500	RL-2,U	1,500	3,000	RL-2,U	3,000	750	RL-2,U	750	1,500	RL-2,U	1,500	150	U	150	750	RL-2,U	750	150	U	150	3,000	U	3,000
2-Nitroaniline	2,000	RL-2,U	2,000	4,000	RL-2,U	4,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	4,000	U	4,000
2-Nitrophenol	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
3,3-Dichlorobenzidine	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	10,000	U	10,000
4,6-Dinitro-2-methylphenol	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	250	U	250	1,300	RL-2,U	1,300	250	U	250	5,000	U	5,000
4-Bromophenyl phenyl ether	1,500	RL-2,U	1,500	3,000	RL-2,U	3,000	750	RL-2,U	750	1,500	RL-2,U	1,500	150	U	150	750	RL-2,U	750	150	U	150	3,000	U	3,000
4-Chloro-3-methylphenol	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
4-Chloroaniline	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
4-Chlorophenyl phenyl ether	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
4-Methylphenol	1,500	RL-2,U	1,500	3,000	RL-2,U	3,000	750	RL-2,U	750	1,500	RL-2,U	1,500	150	U	150	750	RL-2,U	750	150	U	150	3,000	U	3,000
4-Nitroaniline	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	10,000	U	10,000
Acenaphthene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
Acenaphthylene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
Anthracene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
Benzo(a)anthracene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
Benzo(a)pyrene	2,000	RL-2,U	2,000	4,000	RL-2,U	4,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	4,000	U	4,000
Benzo(b)fluoranthene	2,000	RL-2,U	2,000	4,000	RL-2,U	4,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	4,000	U	4,000
Benzo(g,h,i)perylene	1,500	RL-2,U	1,500	3,000	RL-2,U	3,000	750	RL-2,U	750	1,500	RL-2,U	1,500	150	U	150	750	RL-2,U	750	150	U	150	3,000	U	3,000
Benzo(k)fluoranthene	2,000	RL-2,U	2,000	4,000	RL-2,U	4,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	4,000	U	4,000
Bis(2-chloroethyl)ether	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
Bis(2-chloroisopropyl)ether	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
Bis(2-ethylhexyl)phthalate	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	10,000	U	10,000
Butyl benzyl phthalate	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	10,000	U	10,000
Chrysene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
Di-n-butyl phthalate	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	250	U	250	1,300	RL-2,U	1,300	250	U	250	5,000	U	5,000
Di-n-octyl phthalate	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	10,000	U	10,000
Dibenz(a,h)anthracene	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	250	U	250	1,300	RL-2,U	1,300	250	U	250	5,000	U	5,000
Dibenzofuran	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
Dimethyl phthalate	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
Fluoranthene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
Fluorene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	**2,200**		2,000
Indeno(1,2,3-cd)pyrene	2,000	RL-2,U	2,000	4,000	RL-2,U	4,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	4,000	U	4,000
Isophorone	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	2,000	U	2,000
n-Nitroso-di-n-propylamine	1,500	RL-2,U	1,500	3,000	RL-2,U	3,000	750	RL-2,U	750	1,500	RL-2,U	1,500	150	U	150	750	RL-2,U	750	150	U	150	3,000	U	3,000
n-Nitrosodiphenylamine	2,000	RL-2,U	2,000	4,000	RL-2,U	4,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	4,000	U	4,000
Naphthalene	1,500	RL-2,U	1,500	3,000	RL-2,U	3,000	750	RL-2,U	750	1,500	RL-2,U	1,500	150	U	150	750	RL-2,U	750	150	U	150	**4,500**		3,000
Nitrobenzene	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	10,000	U	10,000
Pentachlorophenol	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	10,000	U	10,000
Phenanthrene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	500	RL-2,U	500	1,000	RL-2,U	1,000	100	U	100	500	RL-2,U	500	100	U	100	**4,700**		2,000
Phenol	1,500	RL-2,U	1,500	3,000	RL-2,U	3,000	750	RL-2,U	750	1,500	RL-2,U	1,500	150	U	150	750	RL-2,U	750	150	U	150	3,000	U	3,000
Pyrene	1,500	RL-2,U	1,500	3,000	RL-2,U	3,000	750	RL-2,U	750	1,500	RL-2,U	1,500	150	U	150	750	RL-2,U	750	150	U	150	3,000	U	3,000

Notes:
R - The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
RL-2= Reporting limit raised due to high concentrations of hydrocarbons and by a clean-up procedure for Method 418.1 which reduces the total hydrocarbon concentration. This procedure results in the loss of semi-volatiles due to a loss of target analytes.
U= Constituent not detected above laboratory's reporting limits

TRC
Customer-Focused Solutions

Subsurface Supplemental Investigation
Table 2.1B

Semi-Volatile Organic Compounds Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 30			Parcel 43			Parcel 43			Parcel 43			Parcel 43			Parcel 43			Parcel 43		
Sample Number	WDI-SB-DP-27-15			WDI-SB-DP-29-6			WDI-SB-DP-29-20			WDI-SB-DP-31-5			WDI-SB-DPFD-31-5			WDI-SB-DP-31-20			WDI-SB-DP-34-8		
Sample Type	Native			Waste			Native			Waste			Waste			Native			Waste		
Sample Depth	15			6			20			5			5			20			8		
Sample Date	10/13/00			10/14/00			10/14/00			10/14/00			10/14/00			10/14/00			10/20/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0523-02			IJJ0531-05			IJJ0531-06			IJJ0531-07			IJJ0531-08			IJJ0531-09			IJJ0733-03		
Analysis Date	10/24/00			10/25/00			10/25/00			10/25/00			10/25/00			10/25/00			11/9/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,2,4-Trichlorobenzene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
1,2-Dichlorobenzene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
1,3-Dichlorobenzene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
1,4-Dichlorobenzene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
2,4,5-Trichlorophenol	150	U	150	1,500	RL-2,U	1,500	150	U	150	150	U	150	150	U	150	150	U	150	3,000	U	3,000
2,4,6-Trichlorophenol	150	U	150	1,500	RL-2,U	1,500	150	U	150	150	U	150	150	U	150	150	U	150	3,000	U	3,000
2,4-Dichlorophenol	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
2,4-Dinitrophenol	250	U	250	2,500	RL-2,U	2,500	250	U	250	250	U	250	250	U	250	250	U	250	5,000	U	5,000
2,4-Dinitrotoluene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
2,6-Dinitrotoluene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
2-Chloronaphthalene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
2-Methylnaphthalene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
2-Methylphenol	150	U	150	1,500	RL-2,U	1,500	150	U	150	150	U	150	150	U	150	150	U	150	3,000	U	3,000
2-Nitroaniline	200	U	200	2,000	RL-2,U	2,000	200	U	200	200	U	200	200	U	200	200	U	200	4,000	U	4,000
2-Nitrophenol	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
3,3-Dichlorobenzidine	500	U	500	5,000	RL-2,U	5,000	500	U	500	500	U	500	500	U	500	500	U	500	10,000	U	10,000
4,6-Dinitro-2-methylphenol	250	U	250	2,500	RL-2,U	2,500	250	U	250	250	U	250	250	U	250	250	U	250	5,000	U	5,000
4-Bromophenyl phenyl ether	150	U	150	1,500	RL-2,U	1,500	150	U	150	150	U	150	150	U	150	150	U	150	3,000	U	3,000
4-Chloro-3-methylphenol	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
4-Chloroaniline	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
4-Chlorophenyl phenyl ether	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
4-Methylphenol	150	U	150	1,500	RL-2,U	1,500	150	U	150	150	U	150	150	U	150	150	U	150	3,000	U	3,000
4-Nitroaniline	500	U	500	5,000	RL-2,U	5,000	500	U	500	500	U	500	500	U	500	500	U	500	10,000	U	10,000
Acenaphthene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Acenaphthylene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Anthracene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Benzo(a)anthracene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Benzo(a)pyrene	200	U	200	2,000	RL-2,U	2,000	200	U	200	200	U	200	200	U	200	200	U	200	4,000	U	4,000
Benzo(b)fluoranthene	200	U	200	2,000	RL-2,U	2,000	200	U	200	200	U	200	200	U	200	200	U	200	4,000	U	4,000
Benzo(g,h,i)perylene	150	U	150	1,500	RL-2,U	1,500	150	U	150	150	U	150	150	U	150	150	U	150	3,000	U	3,000
Benzo(k)fluoranthene	200	U	200	2,000	RL-2,U	2,000	200	U	200	200	U	200	200	U	200	200	U	200	4,000	U	4,000
Bis(2-chloroethyl)ether	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Bis(2-chloroisopropyl)ether	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Bis(2-ethylhexyl)phthalate	500	U	500	5,000	RL-2,U	5,000	500	U	500	500	U	500	500	U	500	500	U	500	10,000	U	10,000
Butyl benzyl phthalate	500	U	500	5,000	RL-2,U	5,000	500	U	500	500	U	500	500	U	500	500	U	500	10,000	U	10,000
Chrysene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Di-n-butyl phthalate	250	U	250	2,500	RL-2,U	2,500	250	U	250	250	U	250	250	U	250	250	U	250	5,000	U	5,000
Di-n-octyl phthalate	500	U	500	5,000	RL-2,U	5,000	500	U	500	500	U	500	500	U	500	500	U	500	10,000	U	10,000
Dibenz(a,h)anthracene	250	U	250	2,500	RL-2,U	2,500	250	U	250	250	U	250	250	U	250	250	U	250	5,000	U	5,000
Dibenzofuran	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Dimethyl phthalate	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Fluoranthene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Fluorene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Indeno(1,2,3-cd)pyrene	200	U	200	2,000	RL-2,U	2,000	200	U	200	200	U	200	200	U	200	200	U	200	4,000	U	4,000
Isophorone	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
n-Nitroso-di-n-propylamine	150	U	150	1,500	RL-2,U	1,500	150	U	150	150	U	150	150	U	150	150	U	150	3,000	U	3,000
n-Nitrosodiphenylamine	200	U	200	2,000	RL-2,U	2,000	200	U	200	200	U	200	200	U	200	200	U	200	4,000	U	4,000
Naphthalene	150	U	150	1,500	RL-2,U	1,500	150	U	150	150	U	150	150	U	150	150	U	150	3,000	U	3,000
Nitrobenzene	500	U	500	5,000	RL-2,U	5,000	500	U	500	500	U	500	500	U	500	500	U	500	10,000	U	10,000
Pentachlorophenol	500	U	500	5,000	RL-2,U	5,000	500	U	500	500	U	500	500	U	500	500	U	500	10,000	U	10,000
Phenanthrene	100	U	100	1,000	RL-2,U	1,000	100	U	100	100	U	100	100	U	100	100	U	100	2,000	U	2,000
Phenol	150	U	150	1,500	RL-2,U	1,500	150	U	150	150	U	150	150	U	150	150	U	150	3,000	U	3,000
Pyrene	150	U	150	1,500	RL-2,U	1,500	150	U	150	150	U	150	150	U	150	150	U	150	3,000	U	3,000

Notes:
R= The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
RL-2= Reporting limit raised due to high concentrations of hydrocarbons and by a clean-up procedure for Method 418.1 which reduces the total hydrocarbon concentration. This procedure results in the loss of semi-volatiles due to a loss of target analytes.
U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.1C

Polychlorinated Biphenyls, Pesticides, and Metal
Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 21			Parcel 21			Parcel 22			Parcel 22			Parcel 41			Parcel 41			Parcel 22			Parcel 22		
Sample Number	WDI-SB-DP-2-5			WDI-SB-DP-2-19			WDI-SB-DP-4-6			WDI-SB-DP-4-15			WDI-SB-DP-6-8			WDI-SB-DP-6-20			WDI-SB-DP-8-11			WDI-SB-DP-8-23		
Sample Type	Fill			Native			Native			Native			Fill			Native			Fill			Native		
Sample Depth	5			19			6			15			8			20			11			23		
Sample Date	10/2/00			10/2/00			10/2/00			10/2/00			10/3/00			10/3/00			10/3/00			10/3/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0031-02			IJJ0031-03			IJJ0031-04			IJJ0031-05			IJJ0087-01			IJJ0087-02			IJJ0087-03			IJJ0087-04		
Analysis Date	10/4/00			10/3/00			10/4/00			10/3/00			10/9/00			10/6/00			10/6/00			10/6/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
4,4'-DDD	250	RL-1,C1,U	250	5.0	U	5.0	720	C1	250	5.0	U	5.0	130	RL-1,C1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
4,4'-DDE	250	RL-1,U	250	5.0	U	5.0	900		250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
4,4'-DDT	250	RL-1,C2,U	250	5.0	U	5.0	250	C2,U	250	5.0	U	5.0	130	RL-1,C2,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Aldrin	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,C1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
alpha-BHC	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,C1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
beta-BHC	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Chlordane	2,500	RL-1,U	2,500	50	U	50	2,500	U	2,500	50	U	50	1,300	RL-1,U	1,300	50	U	50	50	U	50	50	U	50
delta-BHC	500	RL-1,U	500	10	U	10	500	U	500	10	U	10	250	RL-1,C1,U	250	10	U	10	10	U	10	10	U	10
Dieldrin	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Endosulfan I	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Endosulfan II	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Endosulfan sulfate	500	RL-1,U	500	10	U	10	500	U	500	10	U	10	250	RL-1,U	250	10	U	10	10	U	10	10	U	10
Endrin	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Endrin aldehyde	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Endrin ketone	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
gamma-BHC (Lindane)	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Heptachlor	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Heptachlor epoxide	250	RL-1,U	250	5.0	U	5.0	250	U	250	5.0	U	5.0	130	RL-1,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Methoxychlor	250	RL-1,C2,U	250	5.0	U	5.0	250	C2,U	250	5.0	U	5.0	130	RL-1,C2,U	130	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Toxaphene	10,000	RL-1,U	10,000	200	U	200	10,000	U	10,000	200	U	200	5,000	RL-1,U	5,000	200	U	200	200	U	200	200	U	200
Analysis Date	10/4/00			10/4/00			10/4/00			10/4/00			10/4/00			10/4/00			10/4/00			10/4/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
Aroclor 1016	250	RL-3,U	250	50	U	50	250	RL-3,U	250	50	U	50	130	RL-1,U	130	50	U	50	50	U	50	50	U	50
Aroclor 1221	250	RL-3,U	250	50	U	50	250	RL-3,U	250	50	U	50	130	RL-1,U	130	50	U	50	50	U	50	50	U	50
Aroclor 1232	250	RL-3,U	250	50	U	50	250	RL-3,U	250	50	U	50	130	RL-1,U	130	50	U	50	50	U	50	50	U	50
Aroclor 1242	250	RL-3,U	250	50	U	50	250	RL-3,U	250	50	U	50	130	RL-1,U	130	50	U	50	50	U	50	50	U	50
Aroclor 1248	250	RL-3,U	250	50	U	50	250	RL-3,U	250	50	U	50	130	RL-1,U	130	50	U	50	50	U	50	50	U	50
Aroclor 1254	250	RL-3,U	250	50	U	50	250	RL-3,U	250	50	U	50	130	RL-1,U	130	50	U	50	50	U	50	50	U	50
Aroclor 1260	250	RL-3,U	250	50	U	50	250	RL-3,U	250	50	U	50	130	RL-1,U	130	50	U	50	50	U	50	50	U	50
Analysis Date	10/4/00			10/4/00			10/4/00			10/4/00			10/4/00			10/4/00			10/5/00			10/4/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Aluminum	14,000		10	8,000		10	12,000		10	16,000		10	13,000		10	20,000		10	33,000	RL-3	20	11,000		10
Antimony	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	20	RL-3,U	20	10	U	10
Arsenic	2.8		2.0	6.6		2.0	18		2.0	3.6		2.0	7.1		2.0	14		2.0	5.8	RL-3	4.0	3.3		2.0
Barium	130		1.0	96		1.0	2,800		2.0	120		1.0	190		1.0	550		1.0	200	RL-3	2.0	92		1.0
Beryllium	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.63		0.50	1.0	RL-3,U	1.0	0.50	U	0.50
Cadmium	0.50	U	0.50	0.50	U	0.50	2.2		0.50	0.50	U	0.50	1.1		0.50	0.50	U	0.50	1.0	RL-3,U	1.0	0.50	U	0.50
Calcium	3500		15	3,300		15	24,000		15	3,300		15	10,000		15	32,000		15	3,900	RL-3	30	4,100		15
Chromium	22		1.0	13		1.0	67		1.0	24		1.0	27		1.0	31		1.0	39	RL-3	2.0	20		1.0
Cobalt	11		1.0	6.6		1.0	5.0		1.0	7.6		1.0	18		1.0	14		1.0	16	RL-3	2.0	7.1		1.0
Iron	19,000		5.0	14,000		5.0	18,000		5.0	20,000		5.0	22,000		5.0	25,000		5.0	37,000	RL-3	10	17,000		5.0
Lead	5.1		2.0	3.3		2.0	320		2.0	5.2		2.0	22		2.0	11		2.0	11	RL-3	4.0	4.2		2.0
Magnesium	4,800		10	4,800		10	5,100		10	5,200		10	7,400		10	11,000		10	9,300	RL-3	20	5,600		10
Manganese	480		1.0	190		1.0	300		1.0	380		1.0	660		1.0	870		1.0	950	RL-3	2.0	230		1.0
Mercury	0.020	U	0.020	0.045		0.020	1.4		0.020	0.020	U	0.020	0.046		0.020	0.040		0.020	0.044		0.020	0.035		0.020
Nickel	18		1.0	11		1.0	61		1.0	18		1.0	24		1.0	30		1.0	31	RL-3	2.0	14		1.0
Selenium	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	4.0	RL-3,U	4.0	2.0	U	2.0
Sodium	460		10	220		10	270		10	200		10	430		10	1,700		10	910	RL-3	20	520		10
Thallium	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	20	RL-3,U	20	10	U	10
Vanadium	43		1.0	31		1.0	37		1.0	47		1.0	40		1.0	57		1.0	82	RL-3	2.0	38		1.0
Zinc	46		5.0	37		5.0	210		5.0	54		5.0	300		5.0	69		5.0	87	RL-3	10	44		5.0

Notes:
A-01= Sample used for MS/MSD was subcontracted to Del Mar Analytical, Colton Laboratory. Therefore MS/MSD results were not reported.
B1 = Sodium was detected in the Method Blank of batch IOJ0539. Sodium concentration in the samples are greater than 10X the concentration found in the method blank.
C1= Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form 131
C2= Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form 51
M-HA= Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
RL-1= Reporting limit raised due to sample matrix interference.
RL-3= Reporting limit raised due to high concentrations of non-target analytes.
U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.1C

Polychlorinated Biphenyls, Pesticides, and Metal
Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 32			Parcel 32			Parcel 28			Parcel 28			Parcel 28			Parcel 28			Parcel 28			Parcel 12			Parcel 12		
Sample Number	WDI-SB-DP-9-7			WDI-SB-DP-9-20			WDI-SB-DP-13-8			WDI-SB-DPFD-13-8			WDI-SB-DP-13-20			WDI-SB-DP-16-6			WDI-SB-DP-16-16			WDI-SB-DP-20-10			WDI-SB-DPFD-20-10		
Sample Type	Waste			Native			Native			Native			Native			Fill			Native			Waste			Waste		
Sample Depth	7			20			8			8			20			6			16			10			10		
Sample Date	10/4/00			10/4/00			10/5/00			10/5/00			10/5/00			10/5/00			10/5/00			10/10/00			10/10/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0127-01			IJJ0127-02			IJJ0197-01			IJJ0197-02			IJJ0197-03			IJJ0197-04			IJJ0197-05			IJJ0315-03			IJJ0315-04		
Analysis Date	10/11/00			10/11/00			10/12/00			10/12/00			10/17/00			10/12/00			10/12/00			10/15/00			10/15/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
4,4'-DDD	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,U	50	50	RL-1,U	50
4,4'-DDE	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,C2,U	50	50	RL-1,C2,U	50
4,4'-DDT	50	RL-1,C2,U	50	5.0	C2,U	5.0	5.0	C1,U	5.0	5.0	C1,U	5.0	5.0	U	5.0	5.0	C1,U	5.0	25	RL-1,C1,C2,U	25	50	RL-1,C2,U	50	50	RL-1,C2,U	50
Aldrin	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,U	50	50	RL-1,U	50
alpha-BHC	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,U	50	50	RL-1,U	50
beta-BHC	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,U	50	50	RL-1,U	50
Chlordane	500	RL-1,U	500	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	250	RL-1,U	250	500	RL-1,U	500	500	RL-1,U	500
delta-BHC	100	RL-1,U	100	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	50	RL-1,U	50	100	RL-1,U	100	100	RL-1,U	100
Dieldrin	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,U	50	50	RL-1,U	50
Endosulfan I	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,U	50	50	RL-1,U	50
Endosulfan II	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,C2,U	50	50	RL-1,C2,U	50
Endosulfan sulfate	100	RL-1,U	100	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	50	RL-1,U	50	100	RL-1,C2,U	100	100	RL-1,C2,U	100
Endrin	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,U	50	50	RL-1,U	50
Endrin aldehyde	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,C2,U	25	50	RL-1,C2,U	50	50	RL-1,C2,U	50
Endrin ketone	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,C2,U	50	50	RL-1,C2,U	50
gamma-BHC (Lindane)	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,U	50	50	RL-1,U	50
Heptachlor	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,U	50	50	RL-1,U	50
Heptachlor epoxide	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	25	RL-1,U	25	50	RL-1,U	50	50	RL-1,U	50
Methoxychlor	50	RL-1,C2,U	50	5.0	C2,U	5.0	5.0	C1,U	5.0	5.0	C1,U	5.0	5.0	C2,U	5.0	5.0	C1,U	5.0	25	RL-1,C1,C2,U	25	50	RL-1,C2,U	50	50	RL-1,C2,U	50
Toxaphene	2,000	RL-1,U	2,000	200	U	200	200	U	200	200	U	200	200	U	200	200	U	200	1,000	RL-1,U	1,000	2,000	RL-1,U	2,000	2,000	RL-1,U	2,000
Analysis Date	10/5/00			10/5/00			10/10/00			10/10/00			10/12/00			10/10/00			10/11/00			10/12/00			10/12/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
Aroclor 1016	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1221	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1232	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1242	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1248	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1254	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1260	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Analysis Date	10/9/00			10/11/00			10/13/00			10/16/00			10/15/00			10/15/00			10/15/00			10/18/00			10/18/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Aluminum	**16,000**		10	**23,000**	RL-3	20	**14,000**	M-HA	10	**21,000**	RL-1	20	**20,000**		10	**19,000**		10	**22,000**		10	**9,500**		10	**11,000**		10
Antimony	10	U	10	20	RL-3,U	20	10	U	10	20	RL-3,U	20	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10
Arsenic	**7.0**		2.0	**7.1**	RL-3	4.0	**2.2**		2.0	4.0	RL-3,U	4.0	**13**		2.0	**3.3**		2.0	**3.1**		2.0	**3.2**		2.0	**4.7**		2.0
Barium	**650**		1.0	**220**	RL-3	2.0	**150**	M	1.0	**190**	RL-3	2.0	**130**		1.0	**140**		1.0	**150**		1.0	**72**		1.0	**79**		1.0
Beryllium	0.50	U	0.50	1.0	RL-3,U	1.0	0.50	U	0.50	1.0	RL-3,U	1.0	0.50	U	0.50	**0.50**		0.50	**0.52**		0.50	0.50	U	0.50	0.50	U	0.50
Cadmium	**0.96**		0.50	1.0	RL-3,U	1.0	0.50	U	0.50	1.0	RL-3,U	1.0	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50
Calcium	**15,000**		15	**17,000**	RL-3	30	**2,200**	M-HA	15	**3,600**	RL-3	30	**17,000**		15	**4,600**		15	**6,200**		15	**3,900**		15	**5,100**		15
Chromium	**44**		1.0	**36**	RL-3	2.0	**25**		1.0	**30**	RL-3	2.0	35		1.0	**28**		1.0	**33**		1.0	**16**		1.0	**19**		1.0
Cobalt	**16**		1.0	**15**	RL-3	2.0	**9.4**		1.0	**9.6**	RL-3	2.0	**10**		1.0	**9.2**		1.0	**11**		1.0	**4.9**		1.0	**6.4**		1.0
Iron	**20,000**		5.0	**27,000**	RL-3	10	**21,000**	M-HA	5.0	**27,000**	RL-3	10	**23,000**		5.0	**22,000**		5.0	**27,000**		5.0	**13,000**		5.0	**15,000**		5.0
Lead	**110**		2.0	**13**	RL-3	4.0	**6.5**		2.0	**7.3**	RL-3	4.0	**7.2**		2.0	**6.6**		2.0	**8.2**		2.0	**5.0**		2.0	**6.3**		2.0
Magnesium	**7,300**		10	**12,000**	RL-3	20	**6,000**	M-HA	10	**6,700**	RL-3	20	**11,000**		10	**6,800**		10	**9,800**		10	**4,300**		10	**4,500**		10
Manganese	**300**		1.0	**860**	RL-3	2.0	**440**		1.0	**500**	RL-3	2.0	**380**		1.0	**500**		1.0	**550**		1.0	**200**		1.0	**210**		1.0
Mercury	**0.11**		0.020	**0.15**		0.020	0.020	U	0.020	**8.1**		0.40	**1.8**		0.040	**0.29**		0.020	**0.15**		0.020	**0.030**		0.020	**0.022**		0.020
Nickel	**22**		1.0	**32**	RL-3	2.0	**18**		1.0	**23**	RL-3	2.0	**26**		1.0	**20**		1.0	**25**		1.0	**12**		1.0	**15**		1.0
Selenium	2.0	U	2.0	4.0	RL-3,U	4.0	2.0	U	2.0	4.0	RL-3,U	4.0	2.0	U	2.0	2.0	U	2.0	**2.2**		2.0	2.0	U	2.0	2.0	U	2.0
Sodium	**510**	B1	10	**1,300**	RL-3,B1	20	**410**		10	**480**		20	**710**		10	**350**		10	**550**		10	**410**		10	**480**		10
Thallium	10	U	10	20	RL-3,U	20	10	U	10	20	RL-3,U	20	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10
Vanadium	**48**		1.0	**59**	RL-3	2.0	**48**		1.0	**54**	RL-3	2.0	**48**		1.0	**48**		1.0	**55**		1.0	**28**		1.0	**30**		1.0
Zinc	**150**		5.0	**75**	RL-3	10	**53**		5.0	**58**	RL-3	10	**64**		5.0	**58**		5.0	**67**		5.0	**39**		5.0	**59**		5.0

Notes:
A-01= Sample used for MS/MSD was subcontracted to Del Mar Analytical, Colton Laboratory. Therefore MS/MSD results were not reported.
B1 = Sodium was detected in the Method Blank of batch IOJ0539. Sodium concentration in the samples are greater than 10X the concentration found in the method blank.
C1= Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 131
C2= Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 51
M-HA= Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS)
RL-1= Reporting limit raised due to sample matrix interference.
RL-3= Reporting limit raised due to high concentrations of non-target analytes.
U= Constituent not detected above laboratory's reporting limits.

TRC
Customer-Focused Solutions

Subsurface Supplemental Investigation
Table 2.1C

Polychlorinated Biphenyls, Pesticides, and Metal
Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 12			Parcel 11			Parcel 11			Parcel 11			Parcel 24			Parcel 24			Parcel 30			Parcel 30		
Sample Number	WDI-SB-DP-20-20			WDI-SB-DP-22-8			WDI-SB-DPFD-22-8			WDI-SB-DP-22-3			WDI-SB-DP-24-9			WDI-SB-DP-24-15			WDI-SB-DP-25-10			WDI-SB-DP-25-20		
Sample Type	Native			Waste			Waste			Fill			Waste			Native			Waste			Native		
Sample Depth	20			8			8			3			9			15			10			20		
Sample Date	10/10/00			10/10/00			10/10/00			10/10/00			10/12/00			10/12/00			10/12/00			10/12/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0315-05			IJJ0315-06			IJJ0315-07			IJJ0315-08			IJJ0445-06			IJJ0445-07			IJJ0445-08			IJJ0445-09		
Analysis Date	10/15/00			10/19/00			10/15/00			10/24/00			10/19/00			10/19/00			10/20/00			10/19/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
4,4'-DDD	5.0	U	5.0	**87**		50	50	RL-1,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
4,4'-DDE	5.0	U	5.0	**150**		50	50	RL-1,C2,U	50	**150**		50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
4,4'-DDT	5.0	U	5.0	**170**	C2	50	50	RL-1,C2,U	50	**320**		50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Aldrin	5.0	U	5.0	50	U	50	50	RL-1,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
alpha-BHC	5.0	U	5.0	50	U	50	50	RL-1,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
beta-BHC	5.0	U	5.0	50	U	50	50	RL-1,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Chlordane	50	U	50	500	U	500	500	RL-1,U	500	**500**	U	500	50	U	50	50	U	50	100	A-01,U	100	50	U	50
delta-BHC	10	U	10	100	U	100	100	RL-1,U	100	**100**	U	100	10	U	10	10	U	10	20	A-01,U	20	10	U	10
Dieldrin	5.0	U	5.0	50	U	50	50	RL-1,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Endosulfan I	5.0	U	5.0	50	U	50	50	RL-1,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Endosulfan II	5.0	U	5.0	50	U	50	50	RL-1,C2,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Endosulfan sulfate	10	U	10	100	U	100	100	RL-1,C2,U	100	**100**	U	100	10	U	10	10	U	10	20	A-01,U	20	10	U	10
Endrin	5.0	U	5.0	50	U	50	50	RL-1,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Endrin aldehyde	5.0	U	5.0	50	U	50	50	RL-1,C2,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Endrin ketone	5.0	U	5.0	50	U	50	50	RL-1,C2,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
gamma-BHC (Lindane)	5.0	U	5.0	50	U	50	50	RL-1,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Heptachlor	5.0	U	5.0	50	U	50	50	RL-1,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Heptachlor epoxide	5.0	U	5.0	50	U	50	50	RL-1,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Methoxychlor	5.0	U	5.0	50	C2,U	50	50	RL-1,C2,U	50	**50**	U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	5.0	U	5.0
Toxaphene	200	U	200	2,000	U	2,000	2,000	RL-1,U	2,000	**2,000**	U	2,000	200	U	200	200	U	200	400	A-01,U	400	200	U	200
Analysis Date	10/12/00			10/12/00			10/12/00			10/12/00			10/24/00			10/20/00			10/20/00			10/20/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
Aroclor 1016	50	U	50	50	U	50	50	U	50	**50**	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1221	50	U	50	50	U	50	50	U	50	**50**	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1232	50	U	50	50	U	50	50	U	50	**50**	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1242	50	U	50	50	U	50	50	U	50	**50**	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1248	50	U	50	50	U	50	50	U	50	**50**	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1254	50	U	50	50	U	50	50	U	50	**50**	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1260	50	U	50	50	U	50	50	U	50	**50**	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Analysis Date	10/18/00			10/18/00			10/18/00			10/18/00			10/23/00			10/23/00			10/23/00			10/23/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Aluminum	**16,000**		10	**15,000**		10	**16,000**		10	**14,000**		10	**9,200**	RL-3	20	**19,000**		10	**20,000**		10	**11,000**		10
Antimony	10	U	10	10	U	10	10	U	10	10	U	10	20	RL-3,U	20	10	U	10	10	U	10	10	U	10
Arsenic	**5.3**		2.0	**5.6**		2.0	**5.2**		2.0	**5.5**		2.0	**6.9**	RL-3	4.0	**12**		2.0	**2.7**		2.0	**5.8**		2.0
Barium	**110**		1.0	**110**		1.0	**110**		1.0	**130**		1.0	**120**	RL-3	2.0	**190**		1.0	**160**		1.0	**94**		1.0
Beryllium	0.50	U	0.50	0.50	U	0.50	**0.50**		0.50	0.50	U	0.50	1.0	RL-3,U	1.0	**0.51**		0.50	**0.68**		0.50	0.50	U	0.50
Cadmium	0.50	U	0.50	**0.71**		0.50	**0.67**		0.50	0.50	U	0.50	1.0	RL-3,U	1.0	**0.50**		0.50	**0.53**		0.50	0.50	U	0.50
Calcium	**2,000**		15	**11,000**		15	**13,000**		15	**12,000**		15	**77,000**	RL-3	30	**39,000**		15	**3,600**		15	**4,400**		15
Chromium	**20**		1.0	**26**		1.0	**27**		1.0	**22**		1.0	**19**	RL-3	2.0	**38**		1.0	**29**		1.0	**26**		1.0
Cobalt	**6.9**		1.0	**8.9**		1.0	**7.6**		1.0	**8.9**		1.0	**2.5**	RL-3	2.0	**13**		1.0	**11**		1.0	**6.4**		1.0
Iron	**19,000**		5.0	**20,000**		5.0	**19,000**		5.0	**20,000**		5.0	**8,900**	RL-3	10	**26,000**		5.0	**24,000**		5.0	**19,000**		5.0
Lead	**11**		2.0	**6.5**		2.0	**6.6**		2.0	**15**		2.0	**35**	RL-3	4.0	**10**		2.0	**8.0**		2.0	**4.5**		2.0
Magnesium	**4,900**		10	**7,500**		10	**7,600**		10	**9,100**		10	**5,100**	RL-3	20	**15,000**		10	**6,000**		10	**5,600**		10
Manganese	**610**		1.0	**320**		1.0	**270**		1.0	**410**		1.0	**170**	RL-3	2.0	**730**		1.0	**540**		1.0	**240**		1.0
Mercury	**0.053**		0.020	**0.033**		0.020	**0.051**		0.020	**0.13**		0.020	**0.053**		0.020	**0.12**		0.020	**0.027**		0.020	**0.14**		0.020
Nickel	**17**		1.0	**19**		1.0	**19**		1.0	**17**		1.0	**8.3**	RL-3	2.0	**33**		1.0	**21**		1.0	**18**		1.0
Selenium	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	4.0	RL-3,U	4.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Sodium	**580**		10	**590**		10	**570**		10	**400**		10	**400**		10	**2,000**		10	**1,100**		10	**460**		10
Thallium	10	U	10	10	U	10	10	U	10	10	U	10	20	RL-3,U	20	10	U	10	10	U	10	10	U	10
Vanadium	**41**		1.0	**45**		1.0	**47**		1.0	**46**		1.0	**24**	RL-3	2.0	**50**		1.0	**55**		1.0	**40**		1.0
Zinc	**51**		5.0	**86**		5.0	**89**		5.0	**63**		5.0	**40**	RL-3	10	**73**		5.0	**60**		5.0	**45**		5.0

Notes:
A-01= Sample used for MS/MSD was subcontracted to Del Mar Analytical, Colton Laboratory. Therefore MS/MSD results were not reported.
B1 = Sodium was detected in the Method Blank of batch IOJ0539. Sodium concentration in the samples are greater than 10X the concentration found in the method blank.
C1= Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 131
C2= Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 51
M-HA= Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
RL-1= Reporting limit raised due to sample matrix interference.
RL-3= Reporting limit raised due to high concentrations of non-target analytes.
U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.1C

Polychlorinated Biphenyls, Pesticides, and Metal
Concentrations in Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 30			Parcel 30			Parcel 43			Parcel 43			Parcel 43			Parcel 43			Parcel 43			Parcel 43		
Sample Number	WDI-SB-DP-27-3			WDI-SB-DP-27-15			WDI-SB-DP-29-6			WDI-SB-DP-29-20			WDI-SB-DP-31-5			WDI-SB-DPFD-31-5			WDI-SB-DP-31-20			WDI-SB-DP-34-8		
Sample Type	Fill			Native			Waste			Native			Waste			Waste			Native			Waste		
Sample Depth	3			15			6			20			5			5			20			8		
Sample Date	10/13/00			10/13/00			10/14/00			10/14/00			10/14/00			10/14/00			10/14/00			10/20/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0523-01			IJJ0523-02			IJJ0531-05			IJJ0531-06			IJJ0531-07			IJJ0531-08			IJJ0531-09			IJJ0733-03		
Analysis Date	10/20/00			10/19/00			10/19/00			10/20/00			10/20/00			10/20/00			10/20/00			11/3/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
4,4'-DDD	100	RL-1,C1,U	100	5.0	U	5.0	50	RL-1,C1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,C1,U	50	5.0	U	5.0
4,4'-DDE	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
4,4'-DDT	100	RL-1,C2,U	100	5.0	U	5.0	50	RL-1,C2,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,C2,U	50	5.0	U	5.0
Aldrin	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
alpha-BHC	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
beta-BHC	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
Chlordane	1,000	RL-1,U	1,000	50	U	50	500	RL-1,U	500	50	U	50	50	U	50	100	A-01,U	100	500	RL-1,U	500	50	U	50
delta-BHC	200	RL-1,U	200	10	U	10	100	RL-1,U	100	10	U	10	10	U	10	20	A-01,U	20	100	RL-1,U	100	10	U	10
Dieldrin	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
Endosulfan I	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
Endosulfan II	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
Endosulfan sulfate	200	RL-1,U	200	10	U	10	100	RL-1,U	100	10	U	10	10	U	10	20	A-01,U	20	100	RL-1,U	100	10	U	10
Endrin	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
Endrin aldehyde	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
Endrin ketone	100	RL-1,C2,U	100	5.0	U	5.0	50	RL-1,C2,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,C2,U	50	5.0	U	5.0
gamma-BHC (Lindane)	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
Heptachlor	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
Heptachlor epoxide	100	RL-1,U	100	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,U	50	5.0	U	5.0
Methoxychlor	100	RL-1,C2,U	100	5.0	U	5.0	50	RL-1,C2,U	50	5.0	U	5.0	5.0	U	5.0	10	A-01,U	10	50	RL-1,C2,U	50	5.0	U	5.0
Toxaphene	4,000	RL-1,U	4,000	200	U	200	2,000	RL-1,U	2,000	200	U	200	200	U	200	400	A-01,U	400	2,000	RL-1,U	2,000	200	U	200
Analysis Date	10/21/00			10/21/00			10/21/00			10/21/00			10/21/00			10/20/00			10/21/00			11/7/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
Aroclor 1016	50	U	50	50	U	50	100	RL-3,U	100	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1221	50	U	50	50	U	50	100	RL-3,U	100	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1232	50	U	50	50	U	50	100	RL-3,U	100	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1242	50	U	50	50	U	50	100	RL-3,U	100	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1248	50	U	50	50	U	50	100	RL-3,U	100	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1254	50	U	50	50	U	50	100	RL-3,U	100	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1260	50	U	50	50	U	50	100	RL-3,U	100	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Analysis Date	10/26/00			10/26/00			10/26/00			10/25/00			10/26/00			10/26/00			10/26/00			11/12/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Aluminum	**19,000**	RL-3	20	**22,000**	RL-3	20	**18,000**	RL-3	20	**8,000**		10	**36,000**	RL-3	20	**28,000**	RL-3	40	**28,000**	RL-3	20	**14,000**		10
Antimony	20	RL-3,U	20	20	RL-3,U	20	20	RL-3,U	20	10	U	10	20	RL-3,U	20	40	RL-3,U	40	20	RL-3,U	20	10	U	10
Arsenic	4.0	RL-3,U	4.0	**4.7**	RL-3	4.0	4.0	RL-3,U	4.0	**3.4**		2.0	4.0	RL-3,U	4.0	8.0	RL-3,U	8.0	**15**	RL-3	4.0	**4.0**		2.0
Barium	**140**	RL-3	2.0	**130**	RL-3	2.0	**130**	RL-3	2.0	**53**		1.0	**190**	RL-3	2.0	**150**	RL-3	4.0	**230**	RL-3	2.0	**150**		1.0
Beryllium	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	0.50	U	0.50	1.0	RL-3,U	1.0	2.0	RL-3,U	2.0	**1.0**	RL-3	1.0	0.50	U	0.50
Cadmium	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	0.50	U	0.50	1.0	RL-3,U	1.0	2.0	RL-3,U	2.0	1.0	RL-3,U	1.0	0.50	U	0.50
Calcium	**4,700**	RL-3	30	**5,100**	RL-3	30	**4,900**	RL-3	30	**4,000**		15	**3,700**	RL-3	30	**3,700**	RL-3	60	**11,000**	RL-3	30	**2,500**		15
Chromium	**23**	RL-3	2.0	**38**	RL-3	2.0	**24**	RL-3	2.0	**13**		1.0	**41**	RL-3	2.0	**32**	RL-3	4.0	**38**	RL-3	2.0	**26**		1.0
Cobalt	**7.8**	RL-3	2.0	**7.2**	RL-3	2.0	**7.4**	RL-3	2.0	**4.2**		1.0	**12**	RL-3	2.0	**8.9**	RL-3	4.0	**12**	RL-3	2.0	**11**		1.0
Iron	**22,000**	RL-3	10	**23,000**	RL-3	10	**19,000**	RL-3	10	**12,000**		5.0	**34,000**	RL-3	10	**26,000**	RL-3	20	**34,000**	RL-3	10	**22,000**		5.0
Lead	**5.5**	RL-3	4.0	**5.9**	RL-3	4.0	**5.4**	RL-3	4.0	**3.2**		2.0	**9.9**	RL-3	4.0	**8.0**	RL-3	8.0	**10**	RL-3	4.0	**6.3**		2.0
Magnesium	**5,300**	RL-3	20	**6,200**	RL-3	20	**5,100**	RL-3	20	**3,600**		10	**7,900**	RL-3	20	**5,800**	RL-3	40	**12,000**	RL-3	20	**6,100**		10
Manganese	**480**	RL-3	2.0	**410**	RL-3	2.0	**430**	RL-3	2.0	**220**		1.0	**640**	RL-3	2.0	**490**	RL-3	4.0	**620**	RL-3	2.0	**450**		1.0
Mercury	**0.090**		0.020	**0.22**		0.020	0.020	U	0.020	**0.026**		0.020	**0.024**		0.020	**0.10**		0.020	**0.071**		0.020	**0.041**		0.020
Nickel	**17**	RL-3	2.0	**21**	RL-3	2.0	**16**	RL-3	2.0	**8.1**		1.0	**29**	RL-3	2.0	**20**	RL-3	4.0	**28**	RL-3	2.0	**19**		1.0
Selenium	4.0	RL-3,U	4.0	4.0	RL-3,U	4.0	4.0	RL-3,U	4.0	2.0	U	2.0	4.0	RL-3,U	4.0	8.0	RL-3,U	8.0	4.0	RL-3,U	4.0	2.0	U	2.0
Sodium	**860**	RL-3	20	**710**	RL-3	20	**350**		10	**460**		10	**840**		10	**690**		10	**1,200**		10	**740**		10
Thallium	20	RL-3,U	20	20	RL-3,U	20	20	RL-3,U	20	10	U	10	20	RL-3,U	20	40	RL-3,U	40	20	RL-3,U	20	10	U	10
Vanadium	**50**	RL-3	2.0	**58**	RL-3	2.0	**52**	RL-3	2.0	**31**		1.0	**81**	RL-3	2.0	**66**	RL-3	4.0	**85**	RL-3	2.0	**50**		1.0
Zinc	**50**	RL-3	10	**49**	RL-3	10	**70**	RL-3	10	**80**		5.0	**72**	RL-3	10	**55**	RL-3	20	**130**	RL-3	10	**54**		5.0

Notes:
A-01= Sample used for MS/MSD was subcontracted to Del Mar Analytical, Colton Laboratory. Therefore MS/MSD results were not reported
B1 = Sodium was detected in the Method Blank of batch IOJ0539. Sodium concentration in the samples are greater than 10X the concentration found in the method blank.
C1= Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 131
C2= Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 51
M-HA= Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
RL-1= Reporting limit raised due to sample matrix interference.
RL-3= Reporting limit raised due to high concentrations of non-target analytes.
U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.2A

Total Recoverable Petroleum Hydrocarbons and Volatile Organic Compounds Concentrations in Indoor Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 41			Parcel 41			Parcel 41			Parcel 41			Parcel 42			Parcel 42			Parcel 32			Parcel 32			Parcel 32		
Sample Number	WDI-SB-IDP-1-5			WDI-SB-IDP-2-9			WDI-SB-IDPFD-2-9			WDI-SB-IDP-2-20			WDI-SB-IDP-3-5			WDI-SB-IDP-3-20			WDI-SB-IDP-4-4			WDI-SB-IDP-4-20			WDI-SB-IDP-5-6		
Sample Type	Waste			Waste			Waste			Native			Fill			Native			Waste			Native			Waste		
Sample Depth	5			9			9			20			5			20			4			20			6		
Sample Date	10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0283-01			IJJ0283-02			IJJ0283-03			IJJ0283-04			IJJ0283-05			IJJ0283-06			IJJ0283-07			IJJ0283-08			IJJ0283-09		
Analysis Date	10/17/00			10/17/00			10/17/00			10/17/00			10/17/00			10/17/00			10/17/00			10/17/00			10/17/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Total Recoverable Hydrocarbons	**150**		5.0	**2,200**		25	**1,200**		25	**11**		5.7	**450**		5.0	5.0	U	5.0	**3,300**		35	**770**		10	**3,700**		50
Analysis Date	10/11/00			10/11/00			10/11/00			10/11/00			10/12/00			10/12/00			10/12/00			10/12/00			10/12/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,1,1-Trichloroethane	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,1,2,2-Tetrachloroethane	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,1,2-Trichloroethane	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,1-Dichloroethane	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,1-Dichloroethene	5.0	U	5.0	4.3	U	4.3	4.2	U	4.2	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.5	U	4.5
1,2-Dibromoethane (EDB)	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,2-Dichloroethane	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,2-Dichloropropane	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
2-Butanone (MEK)	10	U	10	8.7	U	8.7	8.3	U	8.3	8.9	U	8.9	10	U	10	10	U	10	8.9	U	8.9	10	U	10	9.0	U	9.0
2-Hexanone	10	U	10	8.7	U	8.7	8.3	U	8.3	8.9	U	8.9	10	U	10	10	U	10	8.9	U	8.9	10	U	10	9.0	U	9.0
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	4.3	U	4.3	4.2	U	4.2	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.5	U	4.5
Acetone	10	U	10	8.7	U	8.7	**8.6**		8.3	8.9	U	8.9	10	U	10	10	U	10	**45**		8.9	10	U	10	**11**		9.0
Benzene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Bromodichloromethane	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Bromoform	5.0	U	5.0	4.3	U	4.3	4.2	U	4.2	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.5	U	4.5
Bromomethane	5.0	U	5.0	4.3	U	4.3	4.2	U	4.2	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.5	U	4.5
Carbon Disulfide	5.0	U	5.0	4.3	U	4.3	4.2	U	4.2	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.5	U	4.5
Carbon tetrachloride	5.0	U	5.0	4.3	U	4.3	4.2	U	4.2	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.5	U	4.5
Chlorobenzene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Chloroethane	5.0	U	5.0	4.3	U	4.3	4.2	U	4.2	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.5	U	4.5
Chloroform	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Chloromethane	5.0	U	5.0	4.3	U	4.3	4.2	U	4.2	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.5	U	4.5
cis-1,2-Dichloroethene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
cis-1,3-Dichloropropene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Dibromochloromethane	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Ethylbenzene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
m,p-Xylenes	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Methylene chloride	20	U	20	17	U	17	17	U	17	18	U	18	20	U	20	20	U	20	18	U	18	20	U	20	18	U	18
o-Xylene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Styrene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Tetrachloroethene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	**2.7**		2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Toluene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
trans-1,2-Dichloroethene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
trans-1,3-Dichloropropene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Trichloroethene	2.0	U	2.0	1.7	U	1.7	1.7	U	1.7	1.8	U	1.8	**22**		2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Vinyl acetate	5.0	U	5.0	4.3	U	4.3	4.2	U	4.2	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.5	U	4.5
Vinyl chloride	5.0	U	5.0	4.3	U	4.3	4.2	U	4.2	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.5	U	4.5

Notes: M = The MS and/or MSD were outside of the acceptance limits due to sample matrix interference See Blank Spike (LCS).
U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.2A

Total Recoverable Petroleum Hydrocarbons and Volatile Organic Compounds Concentrations in Indoor Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 32			Parcel 12			Parcel 12			Parcel 21			Parcel 21			Parcel 21			Parcel 44			Parcel 44			Parcel 24		
Sample Number	WDI-SB-IDP-5-15			WDI-SB-IDP-6-5			WDI-SB-IDP-6-15			WDI-SB-IDP-7-5			WDI-SB-IDPFD-7-5			WDI-SB-IDP-7-15			WDI-SB-IDP-8-5			WDI-SB-IDP-8-9			WDI-SB-IDP-10-6		
Sample Type	Native			Fill			Native			Waste			Waste			Native			Waste			Waste			Fill		
Sample Depth	15			5			15			5			5			15			8			9			6		
Sample Date	10/9/00			10/10/00			10/10/00			10/12/00			10/12/00			10/12/00			10/12/00			10/12/00			10/13/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0283-10			IJJ0315-01			IJJ0315-02			IJJ0445-01			IJJ0445-02			IJJ0445-03			IJJ0445-04			IJJ0445-05			IJJ0523-03		
Analysis Date	10/17/00			10/17/00			10/17/00			10/23/00			10/23/00			10/23/00			10/23/00			10/23/00			10/23/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Total Recoverable Hydrocarbons	**14**		5.0	**240**		5.0	5.6	U	5.6	**360**		5.0	**230**		5.0	5.0	U	5.0	**91**		5.0	**110**		5.0	**33**		5.0
Analysis Date	10/12/00			10/12/00			10/12/00			10/18/00			10/18/00			10/18/00			10/18/00			10/18/00			10/17/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,1,1-Trichloroethane	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,1,2,2-Tetrachloroethane	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,1,2-Trichloroethane	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,1-Dichloroethane	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,1-Dichloroethene	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.4	U	4.4	5.0	U	5.0	4.4	U	4.4
1,2-Dibromoethane (EDB)	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
1,2-Dichloroethane	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	M,U	1.8
1,2-Dichloropropane	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
2-Butanone (MEK)	10	U	10	10	U	10	10	U	10	10	U	10	8.9	U	8.9	10	U	10	8.8	U	8.8	10	U	10	8.8	U	8.8
2-Hexanone	10	U	10	10	U	10	10	U	10	10	U	10	8.9	U	8.9	10	U	10	8.8	U	8.8	10	U	10	8.8	U	8.8
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.4	U	4.4	5.0	U	5.0	4.4	U	4.4
Acetone	10	U	10	10	U	10	10	U	10	10	U	10	8.9	U	8.9	10	U	10	8.8	U	8.8	10	U	10	**11**		8.8
Benzene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Bromodichloromethane	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Bromoform	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.4	U	4.4	5.0	U	5.0	4.4	U	4.4
Bromomethane	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.4	U	4.4	5.0	U	5.0	4.4	U	4.4
Carbon Disulfide	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.4	U	4.4	5.0	U	5.0	4.4	U	4.4
Carbon tetrachloride	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.4	U	4.4	5.0	U	5.0	4.4	U	4.4
Chlorobenzene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Chloroethane	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.4	U	4.4	5.0	U	5.0	4.4	U	4.4
Chloroform	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Chloromethane	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.4	U	4.4	5.0	U	5.0	4.4	U	4.4
cis-1,2-Dichloroethene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
cis-1,3-Dichloropropene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Dibromochloromethane	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Ethylbenzene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
m,p-Xylenes	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Methylene chloride	20	U	20	20	U	20	20	U	20	20	U	20	18	U	18	20	U	20	18	U	18	20	U	20	18	U	18
o-Xylene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Styrene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Tetrachloroethene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Toluene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
trans-1,2-Dichloroethene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
trans-1,3-Dichloropropene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Trichloroethene	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8	2.0	U	2.0	1.8	U	1.8
Vinyl acetate	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.4	U	4.4	5.0	U	5.0	4.4	U	4.4
Vinyl chloride	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	4.5	U	4.5	5.0	U	5.0	4.4	U	4.4	5.0	U	5.0	4.4	U	4.4

Notes: M = The MS and/or MSD were ourside of the acceptance limits due to sample matrix interference See Blank Spike (LCS)

U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.2A

Total Recoverable Petroleum Hydrocarbons and Volatile Organic Compounds Concentrations in Indoor Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 24			Parcel 24			Parcel 22			Parcel 22			Parcel 22			Parcel 22			Parcel 24			Parcel 24			Parcel 24			Parcel 24		
Sample Number	WDI-SB-IDP-10-11			WDI-SB-IDP-10-20			WDI-SB-IDP-12-5			WDI-SB-IDP-12-15			WDI-SB-IDP-13-10			WDI-SB-IDP-13-20			WDI-SB-IDP-14-5			WDI-SB-IDP-14-10			WDI-SB-IDPFD-14-10			WDI-SB-IDP-14-20		
Sample Type	Waste			Native			Native			Native			Waste			Native			Waste			Waste			Waste			Native		
Sample Depth	11			20			5			15			13			20			14			10			10			20		
Sample Date	10/13/00			10/13/00			10/13/00			10/13/00			10/13/00			10/13/00			10/14/00			10/14/00			10/14/00			10/14/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0523-04			IJJ0523-05			IJJ0523-06			IJJ0523-07			IJJ0523-08			IJJ0523-09			IJJ0531-01			IJJ0531-02			IJJ0531-03			IJJ0531-04		
Analysis Date	10/23/00			10/23/00			10/23/00			10/23/00			10/25/00			10/25/00			10/25/00			10/25/00			10/25/00			10/25/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Total Recoverable Hydrocarbons	**1,300**		20	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	**2,100**		50	**11**		5.0	**1,300**		25	**1,600**		50	**510**		50	**500**		50
Analysis Date	10/17/00			10/17/00			10/17/00			10/17/00			10/17/00			10/17/00			10/17/00			10/21/00			10/17/00			10/21/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,1,1-Trichloroethane	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
1,1,2,2-Tetrachloroethane	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
1,1,2-Trichloroethane	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
1,1-Dichloroethane	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
1,1-Dichloroethene	4.0	U	4.0	4.2	U	4.2	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.1	U	4.1	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
1,2-Dibromoethane (EDB)	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
1,2-Dichloroethane	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
1,2-Dichloropropane	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
2-Butanone (MEK)	8.0	U	8.0	8.3	U	8.3	8.2	U	8.2	10	U	10	10	U	10	8.1	U	8.1	8.9	U	8.9	10	U	10	10	U	10	10	U	10
2-Hexanone	8.0	U	8.0	8.3	U	8.3	8.2	U	8.2	10	U	10	10	U	10	8.1	U	8.1	8.9	U	8.9	10	U	10	10	U	10	10	U	10
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	4.2	U	4.2	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.1	U	4.1	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Acetone	8.0	U	8.0	8.3	U	8.3	8.2	U	8.2	10	U	10	**33**		10	8.1	U	8.1	8.9	U	8.9	10	U	10	10	U	10	10	U	10
Benzene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	**4.2**		2.0	1.6	U	1.6	**14**		1.8	**99**		2.0	**140**		2.0	2.0	U	2.0
Bromodichloromethane	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Bromoform	4.0	U	4.0	4.2	U	4.2	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.1	U	4.1	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Bromomethane	4.0	U	4.0	4.2	U	4.2	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.1	U	4.1	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Carbon Disulfide	4.0	U	4.0	4.2	U	4.2	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.1	U	4.1	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Carbon tetrachloride	4.0	U	4.0	4.2	U	4.2	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.1	U	4.1	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Chlorobenzene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	**8.9**		2.0	2.0	U	2.0
Chloroethane	4.0	U	4.0	4.2	U	4.2	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.1	U	4.1	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Chloroform	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Chloromethane	4.0	U	4.0	4.2	U	4.2	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.1	U	4.1	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
cis-1,2-Dichloroethene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
cis-1,3-Dichloropropene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Dibromochloromethane	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Ethylbenzene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	**49**		2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	**2.3**		2.0	2.0	U	2.0
m,p-Xylenes	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Methylene chloride	16	U	16	17	U	17	16	U	16	20	U	20	20	U	20	16	U	16	18	U	18	20	U	20	20	U	20	20	U	20
o-Xylene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	**2.2**		2.0	**2.9**		2.0	2.0	U	2.0
Styrene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Tetrachloroethene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Toluene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
trans-1,2-Dichloroethene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
trans-1,3-Dichloropropene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Trichloroethene	1.6	U	1.6	1.7	U	1.7	1.6	U	1.6	2.0	U	2.0	2.0	U	2.0	1.6	U	1.6	1.8	U	1.8	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Vinyl acetate	4.0	U	4.0	4.2	U	4.2	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.1	U	4.1	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0
Vinyl chloride	4.0	U	4.0	4.2	U	4.2	4.1	U	4.1	5.0	U	5.0	5.0	U	5.0	4.1	U	4.1	4.5	U	4.5	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0

Notes: M = The MS and/or MSD were outside of the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

U = Constituent not detected above laboratory's reporting limits.

TRC
Customer-Focused Solutions

Subsurface Supplemental Investigation
Table 2.2B

Semi-Volatile Organic Compounds Concentrations in Indoor Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 41			Parcel 41			Parcel 41			Parcel 41			Parcel 42			Parcel 42			Parcel 32			Parcel 32			Parcel 32		
Sample Number	WDI-SB-IDP-1-5			WDI-SB-IDP-2-9			WDI-SB-IDPFD-2-9			WDI-SB-IDP-2-20			WDI-SB-IDP-3-5			WDI-SB-IDP-3-20			WDI-SB-IDP-4-4			WDI-SB-IDP-4-20			WDI-SB-IDP-5-6		
Sample Type	Waste			Waste			Waste			Native			Fill			Native			Waste			Native			Waste		
Sample Depth	5			9			9			20			5			20			4			20			6		
Sample Date	10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0283-01			IJJ0283-02			IJJ0283-03			IJJ0283-04			IJJ0283-05			IJJ0283-06			IJJ0283-07			IJJ0283-08			IJJ0283-09		
Analysis Date	10/19/00			10/19/00			10/19/00			10/19/00			10/19/00			10/19/00			10/19/00			10/24/00			10/20/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,2,4-Trichlorobenzene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
1,2-Dichlorobenzene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
1,3-Dichlorobenzene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
1,4-Dichlorobenzene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
2,4,5-Trichlorophenol	750	RL-2,U	750	1,500	RL-2,U	1,500	1,500	RL-2,U	1,500	150	U	150	3,000	RL-2,U	3,000	150	U	150	3,800	RL-2,U	3,800	150	U	150	6,000	RL-2,U	6,000
2,4,6-Trichlorophenol	750	RL-2,U	750	1,500	RL-2,U	1,500	1,500	RL-2,U	1,500	150	U	150	3,000	RL-2,U	3,000	150	U	150	3,800	RL-2,U	3,800	150	U	150	6,000	RL-2,U	6,000
2,4-Dichlorophenol	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
2,4-Dinitrophenol	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	2,500	RL-2,U	2,500	250	U	250	5,000	RL-2,U	5,000	250	U	250	6,300	RL-2,U	6,300	250	U	250	10,000	RL-2,U	10,000
2,4-Dinitrotoluene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
2,6-Dinitrotoluene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
2-Chloronaphthalene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
2-Methylnaphthalene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
2-Methylphenol	750	RL-2,U	750	1,500	RL-2,U	1,500	1,500	RL-2,U	1,500	150	U	150	3,000	RL-2,U	3,000	150	U	150	3,800	RL-2,U	3,800	150	U	150	6,000	RL-2,U	6,000
2-Nitroaniline	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	2,000	RL-2,U	2,000	200	U	200	4,000	RL-2,U	4,000	200	U	200	5,000	RL-2,U	5,000	200	U	200	8,000	RL-2,U	8,000
2-Nitrophenol	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
3,3-Dichlorobenzidine	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	5,000	RL-2,U	5,000	500	U	500	10,000	RL-2,U	10,000	500	U	500	13,000	RL-2,U	13,000	500	U	500	20,000	RL-2,U	20,000
4,6-Dinitro-2-methylphenol	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	2,500	RL-2,U	2,500	250	U	250	5,000	RL-2,U	5,000	250	U	250	6,300	RL-2,U	6,300	250	U	250	10,000	RL-2,U	10,000
4-Bromophenyl phenyl ether	750	RL-2,U	750	1,500	RL-2,U	1,500	1,500	RL-2,U	1,500	150	U	150	3,000	RL-2,U	3,000	150	U	150	3,800	RL-2,U	3,800	150	U	150	6,000	RL-2,U	6,000
4-Chloro-3-methylphenol	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
4-Chloroaniline	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
4-Chlorophenyl phenyl ether	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
4-Methylphenol	750	RL-2,U	750	1,500	RL-2,U	1,500	1,500	RL-2,U	1,500	150	U	150	3,000	RL-2,U	3,000	150	U	150	3,800	RL-2,U	3,800	150	U	150	6,000	RL-2,U	6,000
4-Nitroaniline	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	5,000	RL-2,U	5,000	500	U	500	10,000	RL-2,U	10,000	500	U	500	13,000	RL-2,U	13,000	500	U	500	20,000	RL-2,U	20,000
Acenaphthene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Acenaphthylene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Anthracene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Benzo(a)anthracene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Benzo(a)pyrene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	2,000	RL-2,U	2,000	200	U	200	4,000	RL-2,U	4,000	200	U	200	5,000	RL-2,U	5,000	200	U	200	8,000	RL-2,U	8,000
Benzo(b)fluoranthene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	2,000	RL-2,U	2,000	200	U	200	4,000	RL-2,U	4,000	200	U	200	5,000	RL-2,U	5,000	200	U	200	8,000	RL-2,U	8,000
Benzo(g,h,i)perylene	750	RL-2,U	750	1,500	RL-2,U	1,500	1,500	RL-2,U	1,500	150	U	150	3,000	RL-2,U	3,000	150	U	150	3,800	RL-2,U	3,800	150	U	150	6,000	RL-2,U	6,000
Benzo(k)fluoranthene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	2,000	RL-2,U	2,000	200	U	200	4,000	RL-2,U	4,000	200	U	200	5,000	RL-2,U	5,000	200	U	200	8,000	RL-2,U	8,000
Bis(2-chloroethyl)ether	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Bis(2-chloroisopropyl)ether	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Bis(2-ethylhexyl)phthalate	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	5,000	RL-2,U	5,000	500	U	500	10,000	RL-2,U	10,000	500	U	500	13,000	RL-2,U	13,000	500	U	500	20,000	RL-2,U	20,000
Butyl benzyl phthalate	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	5,000	RL-2,U	5,000	500	U	500	10,000	RL-2,U	10,000	500	U	500	13,000	RL-2,U	13,000	500	U	500	20,000	RL-2,U	20,000
Chrysene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Di-n-butyl phthalate	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	2,500	RL-2,U	2,500	250	U	250	5,000	RL-2,U	5,000	250	U	250	6,300	RL-2,U	6,300	250	U	250	10,000	RL-2,U	10,000
Di-n-octyl phthalate	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	5,000	RL-2,U	5,000	500	U	500	10,000	RL-2,U	10,000	500	U	500	13,000	RL-2,U	13,000	500	U	500	20,000	RL-2,U	20,000
Dibenz(a,h)anthracene	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500	2,500	RL-2,U	2,500	250	U	250	5,000	RL-2,U	5,000	250	U	250	6,300	RL-2,U	6,300	250	U	250	10,000	RL-2,U	10,000
Dibenzofuran	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Dimethyl phthalate	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Fluoranthene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Fluorene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Indeno(1,2,3-cd)pyrene	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	2,000	RL-2,U	2,000	200	U	200	4,000	RL-2,U	4,000	200	U	200	5,000	RL-2,U	5,000	200	U	200	8,000	RL-2,U	8,000
Isophorone	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
n-Nitroso-di-n-propylamine	750	RL-2,U	750	1,500	RL-2,U	1,500	1,500	RL-2,U	1,500	150	U	150	3,000	RL-2,U	3,000	150	U	150	3,800	RL-2,U	3,800	150	U	150	6,000	RL-2,U	6,000
n-Nitrosodiphenylamine	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000	2,000	RL-2,U	2,000	200	U	200	4,000	RL-2,U	4,000	200	U	200	5,000	RL-2,U	5,000	200	U	200	8,000	RL-2,U	8,000
Naphthalene	750	RL-2,U	750	1,500	RL-2,U	1,500	1,500	RL-2,U	1,500	150	U	150	3,000	RL-2,U	3,000	150	U	150	3,800	RL-2,U	3,800	150	U	150	6,000	RL-2,U	6,000
Nitrobenzene	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	5,000	RL-2,U	5,000	500	U	500	10,000	RL-2,U	10,000	500	U	500	13,000	RL-2,U	13,000	500	U	500	20,000	RL-2,U	20,000
Pentachlorophenol	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	5,000	RL-2,U	5,000	500	U	500	10,000	RL-2,U	10,000	500	U	500	13,000	RL-2,U	13,000	500	U	500	20,000	RL-2,U	20,000
Phenanthrene	500	RL-2,U	500	1,000	RL-2,U	1,000	1,000	RL-2,U	1,000	100	U	100	2,000	RL-2,U	2,000	100	U	100	2,500	RL-2,U	2,500	100	U	100	4,000	RL-2,U	4,000
Phenol	750	RL-2,U	750	1,500	RL-2,U	1,500	1,500	RL-2,U	1,500	150	U	150	3,000	RL-2,U	3,000	150	U	150	3,800	RL-2,U	3,800	150	U	150	6,000	RL-2,U	6,000
Pyrene	750	RL-2,U	750	1,500	RL-2,U	1,500	1,500	RL-2,U	1,500	150	U	150	3,000	RL-2,U	3,000	150	U	150	3,800	RL-2,U	3,800	150	U	150	6,000	RL-2,U	6,000

Notes:
M = The MS and/or MSD were outside of the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R= The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
RL-2= Reporting limit raised due to high concentrations of hydrocarbons and by a clean-up procedure for Method 418.1 which reduces the total hydrocarbon concentration. This procedure results in the loss of semi-volatiles due to a loss of target analytes.
U= Constituent not detected above laboratory's reporting limits.

TRC
Customer-Focused Solutions

Subsurface Supplemental Investigation
Table 2.2B

Semi-Volatile Organic Compounds Concentrations in Indoor Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 32			Parcel 12			Parcel 12			Parcel 21			Parcel 21			Parcel 21			Parcel 44			Parcel 44			Parcel 24		
Sample Number	WDI-SB-IDP-5-15			WDI-SB-IDP-6-5			WDI-SB-IDP-6-15			WDI-SB-IDP-7-5			WDI-SB-IDPFD-7-5			WDI-SB-IDP-7-15			WDI-SB-IDP-8-5			WDI-SB-IDP-8-9			WDI-SB-IDP-10-6		
Sample Type	Native			Fill			Native			Waste			Waste			Native			Waste			Waste			Fill		
Sample Depth	15			5			15			5			5			15			8			9			6		
Sample Date	10/9/00			10/10/00			10/10/00			10/12/00			10/12/00			10/12/00			10/12/00			10/12/00			10/13/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0283-10			IJJ0315-01			IJJ0315-02			IJJ0445-01			IJJ0445-02			IJJ0445-03			IJJ0445-04			IJJ0445-05			IJJ0523-03		
Analysis Date	10/20/00			10/19/00			10/19/00			10/23/00			10/23/00			10/23/00			10/23/00			10/23/00			10/24/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,2,4-Trichlorobenzene	100	U	100	4,000	RL-2,U	4,000	100	M,R,U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
1,2-Dichlorobenzene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
1,3-Dichlorobenzene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
1,4-Dichlorobenzene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
2,4,5-Trichlorophenol	150	U	150	6,000	RL-2,U	6,000	150	U	150	750	RL-2,U	750	150	U	150	150	U	150	1,500	RL-2,U	1,500	750	RL-2,U	750	1,500	RL-2,U	1,500
2,4,6-Trichlorophenol	150	U	150	6,000	RL-2,U	6,000	150	U	150	750	RL-2,U	750	150	U	150	150	U	150	1,500	RL-2,U	1,500	750	RL-2,U	750	1,500	RL-2,U	1,500
2,4-Dichlorophenol	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
2,4-Dinitrophenol	250	U	250	10,000	RL-2,U	10,000	250	U	250	1,300	RL-2,U	1,300	250	U	250	250	U	250	2,500	RL-2,U	2,500	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500
2,4-Dinitrotoluene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
2,6-Dinitrotoluene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
2-Chloronaphthalene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
2-Methylnaphthalene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
2-Methylphenol	150	U	150	6,000	RL-2,U	6,000	150	U	150	750	RL-2,U	750	150	U	150	150	U	150	1,500	RL-2,U	1,500	750	RL-2,U	750	1,500	RL-2,U	1,500
2-Nitroaniline	200	U	200	8,000	RL-2,U	8,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	200	U	200	2,000	RL-2,U	2,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000
2-Nitrophenol	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
3,3-Dichlorobenzidine	500	U	500	20,000	RL-2,U	20,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	500	U	500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000
4,6-Dinitro-2-methylphenol	250	U	250	10,000	RL-2,U	10,000	250	U	250	1,300	RL-2,U	1,300	250	U	250	250	U	250	2,500	RL-2,U	2,500	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500
4-Bromophenyl phenyl ether	150	U	150	6,000	RL-2,U	6,000	150	U	150	750	RL-2,U	750	150	U	150	150	U	150	1,500	RL-2,U	1,500	750	RL-2,U	750	1,500	RL-2,U	1,500
4-Chloro-3-methylphenol	100	U	100	4,000	RL-2,U	4,000	100	M,R,U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
4-Chloroaniline	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
4-Chlorophenyl phenyl ether	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
4-Methylphenol	150	U	150	6,000	RL-2,U	6,000	150	U	150	750	RL-2,U	750	150	U	150	150	U	150	1,500	RL-2,U	1,500	750	RL-2,U	750	1,500	RL-2,U	1,500
4-Nitroaniline	500	U	500	20,000	RL-2,U	20,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	500	U	500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000
Acenaphthene	100	U	100	4,000	RL-2,U	4,000	100	M,U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Acenaphthylene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Anthracene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Benzo(a)anthracene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Benzo(a)pyrene	200	U	200	8,000	RL-2,U	8,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	200	U	200	2,000	RL-2,U	2,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000
Benzo(b)fluoranthene	200	U	200	8,000	RL-2,U	8,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	200	U	200	2,000	RL-2,U	2,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000
Benzo(g,h,i)perylene	150	U	150	6,000	RL-2,U	6,000	150	U	150	750	RL-2,U	750	150	U	150	150	U	150	1,500	RL-2,U	1,500	750	RL-2,U	750	1,500	RL-2,U	1,500
Benzo(k)fluoranthene	200	U	200	8,000	RL-2,U	8,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	200	U	200	2,000	RL-2,U	2,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000
Bis(2-chloroethyl)ether	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Bis(2-chloroisopropyl)ether	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Bis(2-ethylhexyl)phthalate	500	U	500	20,000	RL-2,U	20,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	500	U	500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000
Butyl benzyl phthalate	500	U	500	20,000	RL-2,U	20,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	500	U	500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000
Chrysene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Di-n-butyl phthalate	250	U	250	10,000	RL-2,U	10,000	250	U	250	1,300	RL-2,U	1,300	250	U	250	250	U	250	2,500	RL-2,U	2,500	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500
Di-n-octyl phthalate	500	U	500	20,000	RL-2,U	20,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	500	U	500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000
Dibenz(a,h)anthracene	250	U	250	10,000	RL-2,U	10,000	250	U	250	1,300	RL-2,U	1,300	250	U	250	250	U	250	2,500	RL-2,U	2,500	1,300	RL-2,U	1,300	2,500	RL-2,U	2,500
Dibenzofuran	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Dimethyl phthalate	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Fluoranthene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Fluorene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Indeno(1,2,3-cd)pyrene	200	U	200	8,000	RL-2,U	8,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	200	U	200	2,000	RL-2,U	2,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000
Isophorone	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
n-Nitroso-di-n-propylamine	150	U	150	6,000	RL-2,U	6,000	150	R,U	150	750	RL-2,U	750	150	U	150	150	U	150	1,500	RL-2,U	1,500	750	RL-2,U	750	1,500	RL-2,U	1,500
n-Nitrosodiphenylamine	200	U	200	8,000	RL-2,U	8,000	200	U	200	1,000	RL-2,U	1,000	200	U	200	200	U	200	2,000	RL-2,U	2,000	1,000	RL-2,U	1,000	2,000	RL-2,U	2,000
Naphthalene	150	U	150	6,000	RL-2,U	6,000	150	M,R,U	150	750	RL-2,U	750	150	U	150	150	U	150	1,500	RL-2,U	1,500	750	RL-2,U	750	1,500	RL-2,U	1,500
Nitrobenzene	500	U	500	20,000	RL-2,U	20,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	500	U	500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000
Pentachlorophenol	500	U	500	20,000	RL-2,U	20,000	500	U	500	2,500	RL-2,U	2,500	500	U	500	500	U	500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000
Phenanthrene	100	U	100	4,000	RL-2,U	4,000	100	U	100	500	RL-2,U	500	100	U	100	100	U	100	1,000	RL-2,U	1,000	500	RL-2,U	500	1,000	RL-2,U	1,000
Phenol	150	U	150	6,000	RL-2,U	6,000	150	M,U	150	750	RL-2,U	750	150	U	150	150	U	150	1,500	RL-2,U	1,500	750	RL-2,U	750	1,500	RL-2,U	1,500
Pyrene	150	U	150	6,000	RL-2,U	6,000	150	U	150	750	RL-2,U	750	150	U	150	150	U	150	1,500	RL-2,U	1,500	750	RL-2,U	750	1,500	RL-2,U	1,500

Notes:
M = The MS and/or MSD were outside of the acceptance limits due to sample matrix interference. See Blank Spike (LCS)
R= The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
RL-2= Reporting limit raised due to high concentrations of hydrocarbons and by a clean-up procedure for Method 418.1 which reduces the total hydrocarbon concentration. This procedure results in the loss of semi-volatiles due to a loss of target analytes.
U= Constituent not detected above laboratory's reporting limits

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Subsurface Supplemental Investigation
Table 2.2B

Semi-Volatile Organic Compounds Concentrations in Indoor Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 24			Parcel 24			Parcel 22			Parcel 22			Parcel 22			Parcel 22			Parcel 24			Parcel 24			Parcel 24			Parcel 24		
Sample Number	WDI-SB-IDP-10-11			WDI-SB-IDP-10-20			WDI-SB-IDP-12-5			WDI-SB-IDP-12-15			WDI-SB-IDP-13-10			WDI-SB-IDP-13-20			WDI-SB-IDP-14-5			WDI-SB-IDP-14-10			WDI-SB-IDPFD-14-10			WDI-SB-IDP-14-20		
Sample Type	Waste			Native			Native			Native			Waste			Native			Waste			Waste			Waste			Native		
Sample Depth	11			20			5			15			13			20			14			10			10			20		
Sample Date	10/13/00			10/13/00			10/13/00			10/13/00			10/13/00			10/13/00			10/14/00			10/14/00			10/14/00			10/14/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0523-04			IJJ0523-05			IJJ0523-06			IJJ0523-07			IJJ0523-08			IJJ0523-09			IJJ0531-01			IJJ0531-02			IJJ0531-03			IJJ0531-04		
Analysis Date	10/24/00			10/24/00			10/24/00			10/24/00			10/24/00			10/25/00			10/24/00			10/24/00			10/24/00			10/25/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
1,2,4-Trichlorobenzene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
1,2-Dichlorobenzene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
1,3-Dichlorobenzene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
1,4-Dichlorobenzene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
2,4,5-Trichlorophenol	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	1,500	RL-2,U	1,500	150	U	150	1,500	RL-2,U	1,500	3,800	RL-2,U	3,800	7,500	RL-2,U	7,500	3,800	RL-2,U	3,800
2,4,6-Trichlorophenol	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	1,500	RL-2,U	1,500	150	U	150	1,500	RL-2,U	1,500	3,800	RL-2,U	3,800	7,500	RL-2,U	7,500	3,800	RL-2,U	3,800
2,4-Dichlorophenol	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
2,4-Dinitrophenol	13,000	RL-2,U	13,000	250	U	250	250	U	250	250	U	250	2,500	RL-2,U	2,500	250	U	250	2,500	RL-2,U	2,500	6,300	RL-2,U	6,300	13,000	RL-2,U	13,000	6,300	RL-2,U	6,300
2,4-Dinitrotoluene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
2,6-Dinitrotoluene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
2-Chloronaphthalene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
2-Methylnaphthalene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
2-Methylphenol	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	1,500	RL-2,U	1,500	150	U	150	1,500	RL-2,U	1,500	3,800	RL-2,U	3,800	7,500	RL-2,U	7,500	3,800	RL-2,U	3,800
2-Nitroaniline	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	2,000	RL-2,U	2,000	200	U	200	2,000	RL-2,U	2,000	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	5,000	RL-2,U	5,000
2-Nitrophenol	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
3,3-Dichlorobenzidine	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	5,000	RL-2,U	5,000	500	U	500	5,000	RL-2,U	5,000	13,000	RL-2,U	13,000	25,000	RL-2,U	25,000	13,000	RL-2,U	13,000
4,6-Dinitro-2-methylphenol	13,000	RL-2,U	13,000	250	U	250	250	U	250	250	U	250	2,500	RL-2,U	2,500	250	U	250	2,500	RL-2,U	2,500	6,300	RL-2,U	6,300	13,000	RL-2,U	13,000	6,300	RL-2,U	6,300
4-Bromophenyl phenyl ether	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	1,500	RL-2,U	1,500	150	U	150	1,500	RL-2,U	1,500	3,800	RL-2,U	3,800	7,500	RL-2,U	7,500	3,800	RL-2,U	3,800
4-Chloro-3-methylphenol	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
4-Chloroaniline	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
4-Chlorophenyl phenyl ether	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
4-Methylphenol	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	1,500	RL-2,U	1,500	150	U	150	1,500	RL-2,U	1,500	3,800	RL-2,U	3,800	7,500	RL-2,U	7,500	3,800	RL-2,U	3,800
4-Nitroaniline	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	5,000	RL-2,U	5,000	500	U	500	5,000	RL-2,U	5,000	13,000	RL-2,U	13,000	25,000	RL-2,U	25,000	13,000	RL-2,U	13,000
Acenaphthene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Acenaphthylene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Anthracene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Benzo(a)anthracene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Benzo(a)pyrene	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	2,000	RL-2,U	2,000	200	U	200	2,000	RL-2,U	2,000	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	5,000	RL-2,U	5,000
Benzo(b)fluoranthene	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	2,000	RL-2,U	2,000	200	U	200	2,000	RL-2,U	2,000	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	5,000	RL-2,U	5,000
Benzo(g,h,i)perylene	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	1,500	RL-2,U	1,500	150	U	150	1,500	RL-2,U	1,500	3,800	RL-2,U	3,800	7,500	RL-2,U	7,500	3,800	RL-2,U	3,800
Benzo(k)fluoranthene	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	2,000	RL-2,U	2,000	200	U	200	2,000	RL-2,U	2,000	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	5,000	RL-2,U	5,000
Bis(2-chloroethyl)ether	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Bis(2-chloroisopropyl)ether	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Bis(2-ethylhexyl)phthalate	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	5,000	RL-2,U	5,000	500	U	500	5,000	RL-2,U	5,000	13,000	RL-2,U	13,000	25,000	RL-2,U	25,000	13,000	RL-2,U	13,000
Butyl benzyl phthalate	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	5,000	RL-2,U	5,000	500	U	500	5,000	RL-2,U	5,000	13,000	RL-2,U	13,000	25,000	RL-2,U	25,000	13,000	RL-2,U	13,000
Chrysene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Di-n-butyl phthalate	13,000	RL-2,U	13,000	250	U	250	250	U	250	250	U	250	2,500	RL-2,U	2,500	250	U	250	2,500	RL-2,U	2,500	6,300	RL-2,U	6,300	13,000	RL-2,U	13,000	6,300	RL-2,U	6,300
Di-n-octyl phthalate	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	5,000	RL-2,U	5,000	500	U	500	5,000	RL-2,U	5,000	13,000	RL-2,U	13,000	25,000	RL-2,U	25,000	13,000	RL-2,U	13,000
Dibenz(a,h)anthracene	13,000	RL-2,U	13,000	250	U	250	250	U	250	250	U	250	2,500	RL-2,U	2,500	250	U	250	2,500	RL-2,U	2,500	6,300	RL-2,U	6,300	13,000	RL-2,U	13,000	6,300	RL-2,U	6,300
Dibenzofuran	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Dimethyl phthalate	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Fluoranthene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Fluorene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
Indeno(1,2,3-cd)pyrene	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	2,000	RL-2,U	2,000	200	U	200	2,000	RL-2,U	2,000	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	5,000	RL-2,U	5,000
Isophorone	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	2,500	RL-2,U	2,500
n-Nitroso-di-n-propylamine	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	1,500	RL-2,U	1,500	150	U	150	1,500	RL-2,U	1,500	3,800	RL-2,U	3,800	7,500	RL-2,U	7,500	3,800	RL-2,U	3,800
n-Nitrosodiphenylamine	10,000	RL-2,U	10,000	200	U	200	200	U	200	200	U	200	2,000	RL-2,U	2,000	200	U	200	2,000	RL-2,U	2,000	5,000	RL-2,U	5,000	10,000	RL-2,U	10,000	5,000	RL-2,U	5,000
Naphthalene	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	1,500	RL-2,U	1,500	150	U	150	1,500	RL-2,U	1,500	3,800	RL-2,U	3,800	7,500	RL-2,U	7,500	3,800	RL-2,U	3,800
Nitrobenzene	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	5,000	RL-2,U	5,000	500	U	500	5,000	RL-2,U	5,000	13,000	RL-2,U	13,000	25,000	RL-2,U	25,000	13,000	RL-2,U	13,000
Pentachlorophenol	25,000	RL-2,U	25,000	500	U	500	500	U	500	500	U	500	5,000	RL-2,U	5,000	500	U	500	5,000	RL-2,U	5,000	13,000	RL-2,U	13,000	25,000	RL-2,U	25,000	13,000	RL-2,U	13,000
Phenanthrene	5,000	RL-2,U	5,000	100	U	100	100	U	100	100	U	100	1,000	RL-2,U	1,000	100	U	100	1,000	RL-2,U	1,000	2,500	RL-2,U	2,500	5,000	RL-2,U	5,000	**2,700**	RL-2	2,500
Phenol	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	1,500	RL-2,U	1,500	150	U	150	1,500	RL-2,U	1,500	3,800	RL-2,U	3,800	7,500	RL-2,U	7,500	3,800	RL-2,U	3,800
Pyrene	7,500	RL-2,U	7,500	150	U	150	150	U	150	150	U	150	1,500	RL-2,U	1,500	150	U	150	1,500	RL-2,U	1,500	3,800	RL-2,U	3,800	7,500	RL-2,U	7,500	3,800	RL-2,U	3,800

Notes:
M = The MS and/or MSD were outside of the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R= The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
RL-2= Reporting limit raised due to high concentrations of hydrocarbons and by a clean-up procedure for Method 418.1 which reduces the total hydrocarbon concentration. This procedure results in the loss of semi-volatiles due to a loss of target analytes.
U= Constituent not detected above laboratory's reporting limits.

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Subsurface Supplemental Investigation
Table 2.2C

Semi-Volatile Organic Compounds Concentrations in Indoor Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 41			Parcel 41			Parcel 41			Parcel 41			Parcel 42			Parcel 42			Parcel 32			Parcel 32			Parcel 32		
Sample Number	WDI-SB-IDP-1-5			WDI-SB-IDP-2-9			WDI-SB-IDPFD-2-9			WDI-SB-IDP-2-20			WDI-SB-IDP-3-5			WDI-SB-IDP-3-20			WDI-SB-IDP-4-4			WDI-SB-IDP-4-20			WDI-SB-IDP-5-6		
Sample Type	Waste			Waste			Waste			Native			Fill			Native			Waste			Native			Waste		
Sample Depth	5			9			9			20			5			20			4			20			6		
Sample Date	10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00			10/9/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	1JJ0283-01			1JJ0283-02			1JJ0283-03			1JJ0283-04			1JJ0283-05			1JJ0283-06			1JJ0283-07			1JJ0283-08			1JJ0283-09		
Analysis Date	10/15/00			10/15/00			10/15/00			10/19/00			10/19/00			10/15/00			10/19/00			10/15/00			10/19/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
4,4'-DDD	50	RL-1,U	50	50	RL-1,U	50	50	RL-1,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
4,4'-DDE	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
4,4'-DDT	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	C2,U	50	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,C2,U	50
Aldrin	50	RL-1,U	50	50	RL-1,U	50	50	RL-1,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
alpha-BHC	50	RL-1,U	50	50	RL-1,U	50	50	RL-1,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
beta-BHC	50	RL-1,U	50	50	RL-1,U	50	50	RL-1,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
Chlordane	500	RL-1,U	500	500	RL-1,U	500	500	RL-1,U	500	500	U	500	500	RL-1,U	500	50	U	50	500	RL-1,U	500	50	U	50	500	RL-1,U	500
delta-BHC	100	RL-1,U	100	100	RL-1,U	100	100	RL-1,U	100	100	U	100	100	RL-1,U	100	10	U	10	100	RL-1,U	100	10	U	10	100	RL-1,U	100
Dieldrin	50	RL-1,U	50	50	RL-1,U	50	50	RL-1,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
Endosulfan I	50	RL-1,U	50	50	RL-1,U	50	50	RL-1,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
Endosulfan II	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
Endosulfan sulfate	100	RL-1,C2,U	100	100	RL-1,C2,U	100	100	RL-1,C2,U	100	100	U	100	100	RL-1,C2,U	100	10	U	10	100	RL-1,C2,U	100	10	U	10	100	RL-1,C2,U	100
Endrin	50	RL-1,U	50	50	RL-1,U	50	50	RL-1,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
Endrin aldehyde	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	U	50	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,C2,U	50
Endrin ketone	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	U	50	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,C2,U	50
gamma-BHC (Lindane)	50	RL-1,U	50	50	RL-1,U	50	50	RL-1,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
Heptachlor	50	RL-1,U	50	50	RL-1,U	50	50	RL-1,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
Heptachlor epoxide	50	RL-1,U	50	50	RL-1,U	50	50	RL-1,U	50	50	U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50
Methoxychlor	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	RL-1,C2,U	50	50	C2,U	50	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,C2,U	50
Toxaphene	2,000	RL-1,U	2,000	2,000	RL-1,U	2,000	2,000	RL-1,U	2,000	3,900		2,000	2,000	RL-1,U	2,000	200	U	200	2,000	RL-1,U	2,000	200	U	200	2,000	RL-1,U	2,000
Analysis Date	10/16/00			10/16/00			10/16/00			10/13/00			10/13/00			10/13/00			10/16/00			10/13/00			10/16/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
Aroclor 1016	50	U	50	1,000	RL-3,U	1,000	1,000	RL-3,U	1,000	250	RL-3,U	250	50	U	50	50	U	50	2,500	RL-3,U	2,500	50	U	50	1,000	RL-3,U	1,000
Aroclor 1221	50	U	50	1,000	RL-3,U	1,000	1,000	RL-3,U	1,000	250	RL-3,U	250	50	U	50	50	U	50	2,500	RL-3,U	2,500	50	U	50	1,000	RL-3,U	1,000
Aroclor 1232	50	U	50	1,000	RL-3,U	1,000	1,000	RL-3,U	1,000	250	RL-3,U	250	50	U	50	50	U	50	2,500	RL-3,U	2,500	50	U	50	1,000	RL-3,U	1,000
Aroclor 1242	50	U	50	1,000	RL-3,U	1,000	1,000	RL-3,U	1,000	250	RL-3,U	250	50	U	50	50	U	50	2,500	RL-3,U	2,500	50	U	50	1,000	RL-3,U	1,000
Aroclor 1248	50	U	50	1,000	RL-3,U	1,000	1,000	RL-3,U	1,000	250	RL-3,U	250	50	U	50	50	U	50	2,500	RL-3,U	2,500	50	U	50	1,000	RL-3,U	1,000
Aroclor 1254	50	U	50	1,000	RL-3,U	1,000	1,000	RL-3,U	1,000	250	RL-3,U	250	50	U	50	50	U	50	2,500	RL-3,U	2,500	50	U	50	1,000	RL-3,U	1,000
Aroclor 1260	50	U	50	1,000	RL-3,U	1,000	1,000	RL-3,U	1,000	250	RL-3,U	250	50	U	50	50	U	50	2,500	RL-3,U	2,500	50	U	50	1,000	RL-3,U	1,000
Analysis Date	10/17/00			10/17/00			10/17/00			10/18/00			10/17/00			10/17/00			10/17/00			10/17/00			10/17/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Aluminum	22,000		10	12,000		10	9,400		10	22,000	RL-3	20	10,000		10	5,700		10	9,500		10	5,300		10	12,000		10
Antimony	10	U	10	10	U	10	10	U	10	20	RL-3,U	20	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10
Arsenic	4.9		2.0	4.1		2.0	4.1		2.0	31	RL-3	4.0	3.8		2.0	6.3		2.0	8.9		2.0	5.0		2.0	6.1		2.0
Barium	110		1.0	290		1.0	280		1.0	230	RL-3	2.0	110		1.0	45		1.0	840		1.0	55		1.0	910		1.0
Beryllium	0.54		0.50	0.50	U	0.50	0.50	U	0.50	1.0	RL-3,U	1.0	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50
Cadmium	0.50	U	0.50	0.52		0.50	0.58		0.50	1.0	RL-3,U	1.0	0.50	U	0.50	0.50	U	0.50	1.0		0.50	0.50	U	0.50	0.66		0.50
Calcium	2,800		15	9,200		15	12,000		15	6,700	RL-3	30	5,000		15	2,500		15	19,000		15	1,700		15	11,000		15
Chromium	24		1.0	21		1.0	18		1.0	63	RL-3	2.0	20		1.0	14		1.0	28		1.0	8.8		1.0	29		1.0
Cobalt	7.0		1.0	8.2		1.0	7.4		1.0	21	RL-3	2.0	5.8		1.0	4.3		1.0	6.5		1.0	3.9		1.0	7.9		1.0
Iron	19,000		5.0	16,000		5.0	17,000		5.0	32,000	RL-3	10	16,000		5.0	11,000		5.0	16,000		5.0	10,000		5.0	17,000		5.0
Lead	15		2.0	41		2.0	54		2.0	11	RL-3	4.0	3.8		2.0	2.6		2.0	470		2.0	2.4		2.0	93		2.0
Magnesium	4,400		10	5,700		10	5,400		10	11,000	RL-3	20	5,200		10	3,000		10	5,800		10	3,000		10	6,000		10
Manganese	240		1.0	280		1.0	360		1.0	1,000	RL-3	2.0	240		1.0	170		1.0	260		1.0	150		1.0	320		1.0
Mercury	0.039		0.020	0.097		0.020	0.096		0.020	0.25		0.020	0.041		0.020	0.045		0.020	0.19		0.020	0.053		0.020	0.20		0.020
Nickel	15		1.0	17		1.0	15		1.0	260	RL-3	2.0	15		1.0	9.2		1.0	19		1.0	7.2		1.0	18		1.0
Selenium	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	4.0	RL-3,U	4.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Sodium	920		10	830		10	870		10	1,300	RL-3	20	280		10	250		10	900		10	220		10	960		10
Thallium	10	U	10	10	U	10	10	U	10	20	RL-3,U	20	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10
Vanadium	49		1.0	36		1.0	31		1.0	69	RL-3	2.0	36		1.0	26		1.0	32		1.0	22		1.0	37		1.0
Zinc	44		5.0	110		5.0	130		5.0	76	RL-3	10	44		5.0	24		5.0	210		5.0	25		5.0	140		5.0

Notes: A-01= Sample used for MS/MSD was subcontracted to Del Mar Analytical, Colton Laboratory. Therefore MS/MSD results were not reported.

C1= Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 131

C2= Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 51

RL-1= Reporting limit raised due to sample matrix interference.

RL-3= Reporting limit raised due to high concentrations of non-target analytes.

U= Constituent not detected above laboratory's reporting limits.

TRC
Customer-Focused Solutions

Subsurface Supplemental Investigation
Table 2.2C

Semi-Volatile Organic Compounds Concentrations in Indoor Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 32			Parcel 12			Parcel 12			Parcel 21			Parcel 21			Parcel 21			Parcel 44			Parcel 44			Parcel 24		
Sample Number	WDI-SB-IDP-5-15			WDI-SB-IDP-6-5			WDI-SB-IDP-6-15			WDI-SB-IDP-7-5			WDI-SB-IDPFD-7-5			WDI-SB-IDP-7-15			WDI-SB-IDP-8-5			WDI-SB-IDP-8-9			WDI-SB-IDP-10-6		
Sample Type	Native			Fill			Native			Waste			Waste			Native			Waste			Waste			Fill		
Sample Depth	15			5			15			5			5			15			8			9			6		
Sample Date	10/9/00			10/10/00			10/10/00			10/12/00			10/12/00			10/12/00			10/12/00			10/12/00			10/13/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0283-10			IJJ0315-01			IJJ0315-02			IJJ0445-01			IJJ0445-02			IJJ0445-03			IJJ0445-04			IJJ0445-05			IJJ0523-03		
Analysis Date	10/19/00			10/15/00			10/15/00			10/25/00			10/20/00			10/19/00			10/19/00			10/19/00			10/20/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
4,4'-DDD	50	RL-1,U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,C1,U	50	25	RL-1,C1,U	25	50	RL-1,C1,U	50
4,4'-DDE	50	RL-1,U	50	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
4,4'-DDT	50	RL-1,C2,U	50	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,C2,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,C2,U	50	25	RL-1,C2,U	25	50	RL-1,C2,U	50
Aldrin	50	RL-1,U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
alpha-BHC	50	RL-1,U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
beta-BHC	50	RL-1,U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
Chlordane	500	RL-1,U	500	500	RL-1,U	500	50	U	50	500	RL-1,U	500	100	A-01,U	100	50	U	50	500	RL-1,U	500	250	RL-1,U	250	500	RL-1,U	500
delta-BHC	100	RL-1,U	100	100	RL-1,U	100	10	U	10	100	RL-1,U	100	20	A-01,U	20	10	U	10	100	RL-1,U	100	50	RL-1,U	50	100	RL-1,U	100
Dieldrin	50	RL-1,U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
Endosulfan I	50	RL-1,U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
Endosulfan II	50	RL-1,U	50	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
Endosulfan sulfate	100	RL-1,C2,U	100	100	RL-1,C2,U	100	10	U	10	100	RL-1,U	100	20	A-01,U	20	10	U	10	100	RL-1,U	100	50	RL-1,U	50	100	RL-1,U	100
Endrin	50	RL-1,U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
Endrin aldehyde	50	RL-1,C2,U	50	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
Endrin ketone	50	RL-1,C2,U	50	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,C2,U	50	25	RL-1,C2,U	25	50	RL-1,C2,U	50
gamma-BHC (Lindane)	50	RL-1,U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
Heptachlor	50	RL-1,U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
Heptachlor epoxide	50	RL-1,U	50	50	RL-1,U	50	5.0	U	5.0	50	RL-1,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,U	50	25	RL-1,U	25	50	RL-1,U	50
Methoxychlor	50	RL-1,C2,U	50	50	RL-1,C2,U	50	5.0	U	5.0	50	RL-1,C2,U	50	10	A-01,U	10	5.0	U	5.0	50	RL-1,C2,U	50	25	RL-1,C2,U	25	50	RL-1,C2,U	50
Toxaphene	2,000	RL-1,U	2,000	2,000	RL-1,U	2,000	200	U	200	2,000	RL-1,U	2,000	400	A-01,U	400	200	U	200	2,000	RL-1,U	2,000	1,000	RL-1,U	1,000	2,000	RL-1,U	2,000
Analysis Date	10/16/00			10/12/00			10/12/00			10/26/00			10/20/00			10/20/00			10/20/00			10/20/00			10/21/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
Aroclor 1016	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1221	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1232	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1242	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1248	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1254	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Aroclor 1260	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50	50	U	50
Analysis Date	10/17/00			10/18/00			10/18/00			10/23/00			10/23/00			10/23/00			10/23/00			10/23/00			10/26/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Aluminum	**21,000**		10	**17,000**		10	**26,000**	RL-3	20	**11,000**		10	**11,000**		10	**15,000**		10	**11,000**		10	**16,000**		10	**13,000**		10
Antimony	10	U	10	10	U	10	20	RL-3,U	20	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10
Arsenic	**5.1**		2.0	**8.0**		2.0	**5.6**	RL-3	4.0	**4.0**		2.0	**4.2**		2.0	**4.4**		2.0	**2.9**		2.0	**5.5**		2.0	**3.6**		2.0
Barium	**200**		1.0	**100**		1.0	**230**	RL-3	2.0	**1,300**		1.0	**1,200**		1.0	**220**		1.0	**110**		1.0	**540**		1.0	**140**		1.0
Beryllium	**0.58**		0.50	**0.59**		0.50	1.0	RL-3,U	1.0	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	**0.52**		0.50	0.50	U	0.50
Cadmium	0.50	U	0.50	**0.65**		0.50	1.0	RL-3,U	1.0	**1.1**		0.50	**0.74**		0.50	0.50	U	0.50	**0.66**		0.50	**0.67**		0.50	**0.51**		0.50
Calcium	**6,100**		15	**16,000**		15	**3,400**	RL-3	30	**24,000**		15	**29,000**		15	**7,400**		15	**7,600**		15	**8,400**		15	**11,000**		15
Chromium	**32**		1.0	**28**		1.0	**39**	RL-3	2.0	**20**		1.0	**20**		1.0	**26**		1.0	**19**		1.0	**27**		1.0	**22**		1.0
Cobalt	**15**		1.0	**11**		1.0	**13**	RL-3	2.0	**5.5**		1.0	**4.8**		1.0	**8.9**		1.0	**8.5**		1.0	**9.0**		1.0	**6.1**		1.0
Iron	**24,000**		10	**22,000**		5.0	**31,000**	RL-3	10	**15,000**		5.0	**15,000**		5.0	**21,000**		5.0	**18,000**		5.0	**22,000**		5.0	**16,000**		5.0
Lead	**12**		2.0	**10**		2.0	**10**	RL-3	4.0	**48**		2.0	**50**		2.0	**6.3**		2.0	**6.0**		2.0	**9.9**		2.0	**7.5**		2.0
Magnesium	**11,000**		10	**9,300**		10	**8,200**	RL-3	20	**4,400**		10	**4,400**		10	**6,600**		10	**5,400**		10	**8,100**		10	**6,100**		10
Manganese	**510**		1.0	**380**		1.0	**620**	RL-3	2.0	**270**		1.0	**240**		1.0	**460**		1.0	**370**		1.0	**320**		1.0	**220**		1.0
Mercury	**0.083**		0.020	**0.21**		0.020	**0.085**		0.020	0.020	U	0.020	**0.030**		0.020	**0.074**		0.020	**0.079**		0.020	**0.084**		0.020	**0.055**		0.020
Nickel	**31**		1.0	**21**		1.0	**28**	RL-3	2.0	**17**		1.0	**16**		1.0	**29**		1.0	**17**		1.0	**23**		1.0	**14**		1.0
Selenium	2.0	U	2.0	2.0	U	2.0	4.0	RL-3,U	4.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0
Sodium	**2,500**		10	**2,500**		10	**600**	RL-3	20	**410**		10	**470**		10	**1,300**		10	**370**		10	**540**		10	**470**		10
Thallium	10	U	10	10	U	10	20	RL-3,U	20	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10
Vanadium	**50**		1.0	**48**		1.0	**71**	RL-3	2.0	**33**		1.0	**31**		1.0	**42**		1.0	**34**		1.0	**49**		1.0	**39**		1.0
Zinc	**80**		5.0	**140**		5.0	**69**	RL-3	10	**77**		5.0	**75**		5.0	**53**		5.0	**90**		5.0	**92**		5.0	**100**		5.0

Notes:
A-01= Sample used for MS/MSD was subcontracted to Del Mar Analytical, Colton Laboratory. Therefore MS/MSD results were not reported.
C1= Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 131
C2= Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 51
RL-1= Reporting limit raised due to sample matrix interference
RL-3= Reporting limit raised due to high concentrations of non-target analytes.
U= Constituent not detected above laboratory's reporting limits.

TRC
Customer-Focused Solutions

Subsurface Supplemental Investigation
Table 2.2C

Semi-Volatile Organic Compounds Concentrations in Indoor Direct Push Borings
Waste Disposal, Inc. Superfund Site

Sample Location	Parcel 24			Parcel 24			Parcel 22			Parcel 22			Parcel 22			Parcel 22			Parcel 24			Parcel 24			Parcel 24			Parcel 24		
Sample Number	WDI-SB-IDP-10-11			WDI-SB-IDP-10-20			WDI-SB-IDP-12-5			WDI-SB-IDP-12-15			WDI-SB-IDP-13-10			WDI-SB-IDP-13-20			WDI-SB-IDP-14-5			WDI-SB-IDP-14-10			WDI-SB-IDPFD-14-10			WDI-SB-IDP-14-20		
Sample Type	Waste			Native			Native			Native			Waste			Native			Waste			Waste			Waste			Native		
Sample Depth	11			20			5			15			13			20			14			10			10			20		
Sample Date	10/13/00			10/13/00			10/13/00			10/13/00			10/13/00			10/13/00			10/14/00			10/14/00			10/14/00			10/14/00		
Laboratory	Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical			Del Mar Analytical		
Lab Sample ID	IJJ0523-04			IJJ0523-05			IJJ0523-06			IJJ0523-07			IJJ0523-08			IJJ0523-09			IJJ0531-01			IJJ0531-02			IJJ0531-03			IJJ0531-04		
Analysis Date	10/20/00			10/19/00			10/19/00			10/19/00			10/20/00			10/20/00			10/19/00			10/19/00			10/19/00			10/20/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
4,4'-DDD	250	RL-1,C1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,C1,U	250	5.0	U	5.0	50	RL-1,C1,U	50	250	RL-1,C1,U	250	50	RL-1,C1,U	50	5.0	U	5.0
4,4'-DDE	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
4,4'-DDT	250	RL-1,C2,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,C2,U	250	5.0	U	5.0	50	RL-1,C2,U	50	250	RL-1,C2,U	250	50	RL-1,C2,U	50	5.0	U	5.0
Aldrin	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
alpha-BHC	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
beta-BHC	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
Chlordane	2,500	RL-1,U	2,500	50	U	50	50	U	50	50	U	50	2,500	RL-1,U	2,500	50	U	50	500	RL-1,U	500	2,500	RL-1,U	2,500	500	RL-1,U	500	50	U	50
delta-BHC	500	RL-1,U	500	10	U	10	10	U	10	10	U	10	500	RL-1,U	500	10	U	10	100	RL-1,U	100	500	RL-1,U	500	100	RL-1,U	100	10	U	10
Dieldrin	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
Endosulfan I	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
Endosulfan II	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
Endosulfan sulfate	500	RL-1,U	500	10	U	10	10	U	10	10	U	10	500	RL-1,U	500	10	U	10	100	RL-1,U	100	500	RL-1,U	500	100	RL-1,U	100	10	U	10
Endrin	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
Endrin aldehyde	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
Endrin ketone	250	RL-1,C2,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,C2,U	250	5.0	U	5.0	50	RL-1,C2,U	50	250	RL-1,C2,U	250	50	RL-1,C2,U	50	5.0	U	5.0
gamma-BHC (Lindane)	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
Heptachlor	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
Heptachlor epoxide	250	RL-1,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,U	250	5.0	U	5.0	50	RL-1,U	50	250	RL-1,U	250	50	RL-1,U	50	5.0	U	5.0
Methoxychlor	250	RL-1,C2,U	250	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	250	RL-1,C2,U	250	5.0	U	5.0	50	RL-1,C2,U	50	250	RL-1,C2,U	250	50	RL-1,C2,U	50	5.0	U	5.0
Toxaphene	10,000	RL-1,U	10,000	200	U	200	200	U	200	200	U	200	10,000	RL-1,U	10,000	200	U	200	2,000	RL-1,U	2,000	10,000	RL-1,U	10,000	2,000	RL-1,U	2,000	200	U	200
Analysis Date	10/21/00			10/21/00			10/21/00			10/21/00			10/21/00			10/21/00			10/21/00			10/21/00			10/21/00			10/21/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
Aroclor 1016	250	RL-3,U	250	50	U	50	50	U	50	50	U	50	250	RL-3,U	250	50	U	50	250	RL-3,U	250	100	RL-3,U	100	50	U	50	50	U	50
Aroclor 1221	250	RL-3,U	250	50	U	50	50	U	50	50	U	50	250	RL-3,U	250	50	U	50	250	RL-3,U	250	100	RL-3,U	100	50	U	50	50	U	50
Aroclor 1232	250	RL-3,U	250	50	U	50	50	U	50	50	U	50	250	RL-3,U	250	50	U	50	250	RL-3,U	250	100	RL-3,U	100	50	U	50	50	U	50
Aroclor 1242	250	RL-3,U	250	50	U	50	50	U	50	50	U	50	250	RL-3,U	250	50	U	50	250	RL-3,U	250	100	RL-3,U	100	50	U	50	50	U	50
Aroclor 1248	250	RL-3,U	250	50	U	50	50	U	50	50	U	50	250	RL-3,U	250	50	U	50	250	RL-3,U	250	100	RL-3,U	100	50	U	50	50	U	50
Aroclor 1254	250	RL-3,U	250	50	U	50	50	U	50	50	U	50	250	RL-3,U	250	50	U	50	250	RL-3,U	250	100	RL-3,U	100	50	U	50	50	U	50
Aroclor 1260	250	RL-3,U	250	50	U	50	50	U	50	50	U	50	250	RL-3,U	250	50	U	50	250	RL-3,U	250	100	RL-3,U	100	50	U	50	50	U	50
Analysis Date	10/26/00			10/26/00			10/26/00			10/26/00			10/26/00			10/26/00			10/25/00			10/25/00			10/25/00			10/26/00		
	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Aluminum	21,000	RL-3	20	29,000	RL-3	20	31,000	RL-3	20	15,000	RL-3	20	26,000	RL-3	20	28,000	RL-3	20	16,000		10	7,300		10	8,900		10	16,000	RL-3	20
Antimony	20	RL-3,U	20	20	RL-3,U	20	20	RL-3,U	20	20	RL-3,U	20	20	RL-3,U	20	20	RL-3,U	20	10	U	10	10	U	10	10	U	10	20	RL-3,U	20
Arsenic	4.0	RL-3,U	4.0	7.6	RL-3	4.0	4.2	RL-3	4.0	6.9	RL-3	4.0	4.0	RL-3,U	4.0	8.0	RL-3	4.0	6.1		2.0	11		2.0	11		2.0	4.0	RL-3,U	4.0
Barium	430	RL-3	2.0	140	RL-3	2.0	190	RL-3	2.0	130	RL-3	2.0	230	RL-3	2.0	230	RL-3	2.0	340		1.0	810		1.0	1,000		1.0	98	RL-3	2.0
Beryllium	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	1.0	RL-3,U	1.0
Cadmium	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.0	RL-3,U	1.0	1.2		0.50	1.6		0.50	1.2		0.50	1.0	RL-3,U	1.0
Calcium	15,000	RL-3	30	5,600	RL-3	30	4,600	RL-3	30	8,200	RL-3	30	7,300	RL-3	30	11,000	RL-3	30	8,400		15	22,000		15	18,000		15	5,300	RL-3	30
Chromium	33	RL-3	2.0	36	RL-3	2.0	37	RL-3	2.0	23	RL-3	2.0	32	RL-3	2.0	40	RL-3	2.0	27		1.0	17		1.0	19		1.0	21	RL-3	2.0
Cobalt	10	RL-3	2.0	16	RL-3	2.0	11	RL-3	2.0	7.5	RL-3	2.0	9.5	RL-3	2.0	14	RL-3	2.0	5.5		1.0	3.5		1.0	3.8		1.0	6.8	RL-3	2.0
Iron	24,000	RL-3	10	30,000	RL-3	10	30,000	RL-3	10	24,000	RL-3	10	27,000	RL-3	10	35,000		10	17,000		5.0	12,000		5.0	13,000		5.0	21,000	RL-3	10
Lead	29	RL-3	4.0	9.4	RL-3	4.0	9.4	RL-3	4.0	5.7	RL-3	4.0	11	RL-3	4.0	12	RL-3	4.0	29		2.0	210		2.0	250		2.0	7.6	RL-3	4.0
Magnesium	8,400	RL-3	20	7,700	RL-3	20	7,500	RL-3	20	8,200	RL-3	20	7,200	RL-3	20	10,000	RL-3	20	4,700		10	5,100		10	4,800		10	5,900	RL-3	20
Manganese	360	RL-3	2.0	1,100	RL-3	2.0	710	RL-3	2.0	410	RL-3	2.0	750	RL-3	2.0	720	RL-3	2.0	220		1.0	210		1.0	220		1.0	390	RL-3	2.0
Mercury	0.034		0.020	0.11		0.020	0.083		0.020	0.020	U	0.020	0.032		0.020	0.061		0.020	0.032		0.020	0.14		0.020	0.050		0.020	0.029		0.020
Nickel	23	RL-3	2.0	31	RL-3	2.0	26	RL-3	2.0	17	RL-3	2.0	22	RL-3	2.0	32	RL-3	2.0	21		1.0	24		1.0	23		1.0	19	RL-3	2.0
Selenium	4.0	RL-3,U	4.0	4.0	RL-3,U	4.0	4.0	RL-3,U	4.0	4.0	RL-3,U	4.0	4.0	RL-3,U	4.0	4.0	RL-3,U	4.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	4.0	RL-3,U	4.0
Sodium	760	RL-3	20	400	RL-3	20	800	RL-3	20	820		10	650		10	800		10	430		10	880		10	800		10	470		10
Thallium	20	RL-3,U	20	20	RL-3,U	20	20	RL-3,U	20	20	RL-3,U	20	20	RL-3,U	20	20	RL-3,U	20	10	U	10	10	U	10	10	U	10	20	RL-3,U	20
Vanadium	62	RL-3	2.0	73	RL-3	2.0	75	RL-3	2.0	54	RL-3	2.0	69	RL-3	2.0	74	RL-3	2.0	62		1.0	34		1.0	36		1.0	48	RL-3	2.0
Zinc	160	RL-3	10	67	RL-3	10	68	RL-3	10	49	RL-3	10	66	RL-3	10	77	RL-3	10	76		5.0	100		5.0	130		5.0	63	RL-3	10

Notes:
A-01= Sample used for MS/MSD was subcontracted to Del Mar Analytical, Colton Laboratory. Therefore MS/MSD results were not reported.
C1= Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 131
C2= Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form 51
RL-1= Reporting limit raised due to sample matrix interference.
RL-3= Reporting limit raised due to high concentrations of non-target analytes.
U= Constituent not detected above laboratory's reporting limits.

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TABLE 2.3A

PREVIOUS INVESTIGATIONS BOREHOLE SOIL DATA
WASTE DISPOSAL, INC. SUPERFUND SITE

Site Area	Parcel No.	Boring No.	Fill Thickness (feet)	Waste Thickness (feet)	Native Thickness (feet)
1	26	TS-51	10.90		3.10
1	26	TS-52	2.00		12.00
1	26	TS-53	3.30		8.70
1	26	TS-54	4.40	2.60	2.60
1	26	TS-55	5.30	4.70	4.70
1	26	TS-58	5.00	5.00	5.00
1	26	TS-73	6.00		6.00
1	26	TS-74	6.00		6.00
1	26	TS-75	6.00		8.00
1	26	TS-76	4.00		10.00
1	30	TS-77	6.70		7.30
1	29	TS-78	4.30		9.70
1	29	TS-79	3.10		10.90
1	24	TS-109	8.10		7.90
1	24	TS-110	2.60		13.40
1	7	SB-8			60.00
1	21	SB-21	5.00		29.80
1	21	SB-22	5.00		25.00
1	21	SB-31	5.00		25.00
1	21	SB-32	5.00		27.50
1	26	SB-33	5.00	15.00	15.00
1	30	SB-43	5.00		25.00
1	30	SB-44	10.00		20.00
1	26	SB-45	5.00	10.00	25.00
1	29	SB-53	5.00	10.00	10.00
1	29	SB-54	5.00	7.50	37.50
1	4	SB-63	5.00		30.00
1	4	SB-64	10.00		20.00
1	4	SB-72	10.00		15.00
1	4	SB-73	10.00		95.00
1	4	SB-80	7.50		27.80
1	4	SB-81			35.00
1	3	SB-82	5.00		31.45
1	4	SB-92	7.50		72.50
1	28	TS-151	6.00		10.00
1	28	TS-152	3.50	0.50	12.50
1	4	TS-153	6.30		11.70
1	3	VW-35	NA		NA
1	28	VW-37	NA		NA
1	4	VW-41	NA		NA
1	26	VW-62	NA	4.00	NA
1	26	VW-63	NA	5.00	NA

TABLE 2.3A

PREVIOUS INVESTIGATIONS BOREHOLE SOIL DATA
WASTE DISPOSAL, INC. SUPERFUND SITE

Site Area	Parcel No.	Boring No.	Fill Thickness (feet)	Waste Thickness (feet)	Native Thickness (feet)
1	21	SB-DP-2	6.00		14.96
1	26	SB-DP-3	9.00		12.04
1	26	SB-DP-4	5.00		15.00
1	26	SB-DP-8	4.50	15.50	4.00
1	26	SB-HSA-3	5.00		30.00
1	28	SB-DP-12	2.50		17.50
1	28	SB-DP-13	6.00		14.00
1	29	SB-DP-14	2.50	8.50	5.00
1	29	SB-DP-15	1.50	2.50	16.00
1	28	SB-DP-16	6.00		10.00
1	29	SB-DP-17	4.00	8.00	4.00
1	26	SB-HSA-4	3.00	8.00	24.00
1	26	SB-DP-24	1.50	8.00	6.50
1	30	SB-DP-25	1.50	12.50	6.00
1	21	SB-IDP-7	2.50	7.00	6.50
1	22	SB-IDP-11	7.00		13.00
1	22	SB-IDP-12	1.50	2.00	16.50
1	22	SB-IDP-13	1.50	9.00	9.50
1	7	SB-DP-26	10.00		10.00
1	30	SB-DP-27	5.00	4.00	10.00
1	30	SB-DP-32	4.20	1.30	15.50
1	28	SB-DP-39	3.50	3.50	13.00
1	28	SB-DP-40	3.00	2.50	13.50
1	29	SB-DP-41	2.00	0.50	18.50
1	28	SB-DP-42	4.50	2.50	14.00
1	21	SB-IDP-18	3.50	0.50	12.00
8	26	TS-45	8.00	7.00	1.00
8	26	TS-99	2.80		7.19
8	26	TS-101	3.40		10.60
8	26	TS-102	8.60	3.40	2.00
8	26	TS-103	5.30	4.70	4.00
8	26	TS-104	6.70	4.30	3.00
8	26	TS-105	7.50	2.60	3.92
8	26	TS-106	10.00	3.90	2.10
8	26	TS-107	7.30	8.20	2.50
8	24	TS-111	3.80		12.20
8	32	TS-112	4.50	5.50	2.00
8	37	TS-113	4.60	1.40	6.00
8	37	TS-114	1.00		11.00
8	42	TS-115	3.60	6.40	2.00
8	42	TS-116	4.40		7.60
8	43	TS-117	2.00	7.40	2.60
8	43	TS-119	5.00		9.00
8	43	TS-120	5.50	1.80	4.70
8	44	TS-121	3.70		8.30

TABLE 2.3A

PREVIOUS INVESTIGATIONS BOREHOLE SOIL DATA
WASTE DISPOSAL, INC. SUPERFUND SITE

Site Area	Parcel No.	Boring No.	Fill Thickness (feet)	Waste Thickness (feet)	Native Thickness (feet)
8	24	TS-122	8.40		9.60
8	11	SB-75	3.00	7.00	45.00
8	44	SB-76	10.00		45.00
8	26	SB-77	3.00	17.00	15.00
8	11	SB-83	7.50		37.50
8	11	SB-84	5.00	10.00	20.00
8	44	SB-85	7.50		27.50
8	43	SB-86	5.00		30.00
8	32	SB-87	5.00		20.00
8	37	SB-88	5.00		30.00
8	11	SB-93	2.50		62.50
8	11	SB-94	2.50		70.00
8	43	SB-96	5.00		60.00
8	41	SB-97	10.00		52.50
8	26	SB-104	7.00	8.50	67.00
8	26	SB-105	7.00	8.50	56.00
8	26	VW-27	NA		NA
8	32	VW-33	NA		NA
8	11	VW-34	NA		NA
8	44	VW-49	NA		NA
8	37	VW-53	NA		NA
8	26	VW-54	NA	3.00	NA
8	37	VW-55	NA	3.00	NA
8	37	VW-56	NA		NA
8	32	VW-57	NA	3.00	NA
8	44	VW-59	NA		NA
8	41	SB-DP-5	14.00	4.00	3.00
8	41	SB-DP-6	10.50	6.50	4.00
8	26	SB-HSA-1	6.00	9.50	24.50
8	41	SB-DP-7	9.00		12.00
8	32	SB-DP-9	5.00	12.00	8.00
8	42	SB-DP-10	5.00	14.00	1.00
8	44	SB-DP-11	3.50	10.50	6.00
8	26	SB-HSA-5	3.50	10.50	26.00
8	3	SB-HSA-6	1.50	13.20	25.30
8	32	SB-HSA-7	3.00	6.00	26.00
8	41	SB-IDP-1	2.00	9.00	9.00
8	41	SB-IDP-2	3.00	8.00	9.00
8	42	SB-IDP-3	10.00		10.00
8	32	SB-IDP-4	2.00	8.00	18.00
8	32	SB-IDP-5	2.50	8.00	17.50
8	12	SB-IDP-6	12.00		8.00
8	12	SB-DP-18	10.00		10.00
8	12	SB-DP-19	9.00	1.00	10.00
8	12	SB-DP-20	9.00	5.50	5.50

TABLE 2.3A

PREVIOUS INVESTIGATIONS BOREHOLE SOIL DATA
WASTE DISPOSAL, INC. SUPERFUND SITE

Site Area	Parcel No.	Boring No.	Fill Thickness (feet)	Waste Thickness (feet)	Native Thickness (feet)
8	12	SB-DP-21	1.00	15.00	4.00
8	11	SB-DP-22	3.50	5.50	11.00
8	11	SB-DP-23	6.50	1.50	12.00
8	44	SB-IDP-8	4.50	7.00	8.50
8	24	SB-IDP-10	6.00	5.50	8.50
8	43	SB-DP-28	4.50	2.00	9.50
8	43	SB-DP-29	4.00	10.00	6.00
8	43	SB-DP-30	4.00	5.00	11.00
8	43	SB-DP-31	2.00	11.10	6.90
8	43	SB-HSA-8	2.00	14.00	19.00
8	44	SB-DP-33	9.00		12.00
8	37	SB-DP-34	5.00	7.50	16.00
8	37	SB-DP-35	5.00	5.00	16.00
8	41	SB-DP-36	5.00	2.00	16.00
8	41	SB-DP-37	9.00		12.00
8	43	SB-DP-38	6.00	1.50	15.00
8	41	SB-DP-43	6.00	4.00	14.00
8	3	SB-IDP-19	2.00	3.00	
8	32	SB-IDP-20	0.50	10.50	9.00

TABLE 2.3B

BOREHOLE SOIL DATA
WASTE DISPOSAL, INC. SUPERFUND SITE

PARCEL	BOREHOLE ID	DATE DRILLED	BOREHOLE TOTAL DEPTH (feet)	DEPTH ENCOUNTERED			SENT FOR CHEMICAL ANALYSIS (Intervals sampled [feet])	SENT FOR GEOTECHNICAL ANALYSIS (Intervals sampled [feet])
				FILL (feet)	WASTE (feet)	NATIVE (feet)		
26	WDI-SB-DP-1	10/2/00	21	0-8	--	8-21	--	--
21	WDI-SB-DP-2	10/2/00	21	0-6	--	6-21	x (5, 19)	--
26	WDI-SB-DP-3	10/2/00	21	0-9	--	9-21	--	--
26	WDI-SB-DP-4	10/2/00	21	0-5	--	5-21	x (6, 15)	--
26	WDI-SB-DP-5	10/3/00	21	0-14	14-15.5 17-18	18-21	--	--
26	WDI-SB-DP-6	10/3/00	21	0-10.5	10.5-17	17-21	x (8, 20)	--
41	WDI-SB-DP-7	10/3/00	21	0-9	--	9-21	--	--
26	WDI-SB-DP-8	10/3/00	24	0-4.5	4.5-10 12-14 16-20	20-24	x (11, 23)	--
32	WDI-SB-DP-9	10/4/00	20	0-5	5-11 16-17	17-20	x (7, 20)	--
42	WDI-SB-DP-10	10/4/00	20	0-5	5-19	19-20	--	--
44	WDI-SB-DP-11	10/4/00	20	0-3.5	3.5-14	14-20	--	--
28	WDI-SB-DP-12	10/5/00	20	0-2.5	--	2.5-20	--	--
28	WDI-SB-DP-13	10/5/00	20	0-6	--	6-20	x (8, 20)	--
29	WDI-SB-DP-14	10/5/00	16	0-2.5	2.5-6.5 8-11	11-16	--	--
29	WDI-SB-DP-15	10/5/00	20	0-1.5	1.5-11 13-14	14-20	--	--
28	WDI-SB-DP-16	10/5/00	16	0-6	--	6-16	x (6, 16)	--
29	WDI-SB-DP-17	10/5/00	16	0-4	4-8 10-12	12-16	--	--
12	WDI-SB-DP-18	10/10/00	20	0-10	--	10-20	--	--
12	WDI-SB-DP-19	10/10/00	20	0-9	9-10	10-20	--	--
12	WDI-SB-DP-20	10/10/00	20	0-9	9-14.5	14.5-20	x (10, 20)	--
12	WDI-SB-DP-21	10/10/00	20	0-1	1-2 9-10 14-15	15-20	x (3, 8)	--
11	WDI-SB-DP-22	10/10/00	20	0-3.5	3.5-9	9-20	--	--
11	WDI-SB-DP-23	10/10/00	20	0-6.5	6.5-8	8-20	--	--
26	WDI-SB-DP-24	10/12/00	16	0-1.5	1.5-9.5	9.5-16	x (9, 15)	--
30	WDI-SB-DP-25	10/12/00	20	0-1.5	1.5-3 9-14	14-20	x (10, 20)	--
26	WDI-SB-DP-26	10/13/00	25	0-10	--	10-25	--	--
30	WDI-SB-DP-27	10/13/00	19	0-5	5-9	9-19	x (3, 15)	--
43	WDI-SB-DP-28	10/14/00	16	0-4.5	4.5-6.5	6.5-16	--	--
43	WDI-SB-DP-29	10/14/00	20	0-4	4-9.5 11.5-14	14-20	x (6, 20)	--
43	WDI-SB-DP-30	10/14/00	20	0-4	4-9	9-20	--	--
43	WDI-SB-DP-31	10/14/00	20	0-2	2-9.5 12-13.5	13.5-20	x (5, 20)	--
30	WDI-SB-DP-32	10/20/00	21	0-4	4-5.5	5.5-21	x (7, 20)	--
44	WDI-SB-DP-33	10/20/00	21	0-9	--	9-21	--	--
37	WDI-SB-DP-34	10/20/00	21	0-5	5-12.5	12.5-21	x (8, 20)	--
37	WDI-SB-DP-35	10/20/00	21	0-5	5-10	10-21	--	--
41	WDI-SB-DP-36	10/20/00	21	0-5	5-7	7-21	x (6, 20)	--
41	WDI-SB-DP-37	10/20/00	21	0-9	--	9-21	--	--
43	WDI-SB-DP-38	10/20/00	21	0-6	6-7.5	7.5-21	x (7, 20)	--
28	WDI-SB-DP-39	10/23/00	20	0-3.5	3.5-7	7-20	x (4, 18)	--
28	WDI-SB-DP-40	10/23/00	19	0-3	3-5.5	5.5-19	x (5, 19)	--
29	WDI-SB-DP-41	10/23/00	21	0-2	2-2.5	2.5-21	--	--
28	WDI-SB-DP-42	10/23/00	21	0-4.5	4.5-7	7-21	--	--
41	WDI-SB-DP-43	10/27/00	17	0-6	6-10	10-17	--	

TABLE 2.3B

BOREHOLE SOIL DATA
WASTE DISPOSAL, INC. SUPERFUND SITE

PARCEL	BOREHOLE ID	DATE DRILLED	BOREHOLE TOTAL DEPTH (feet)	DEPTH ENCOUNTERED			SENT FOR CHEMICAL ANALYSIS (Intervals sampled [feet])	SENT FOR GEOTECHNICAL ANALYSIS (Intervals sampled [feet])
				FILL (feet)	WASTE (feet)	NATIVE (feet)		
41	WDI-SB-IDP-1	10/9/00	20	0-2	2-11	11-20	x(5)	
41	WDI-SB-IDP-2	10/9/00	20	0-3	3-11	11-20	x (9, 20)	--
42	WDI-SB-IDP-3	10/9/00	20	0-10	--	10-20	x (5, 20)	--
32	WDI-SB-IDP-4	10/9/00	20	0-2	2-10	10-20	x (4, 20)	--
32	WDI-SB-IDP-5	10/9/00	20	0-2.5	2.5-10.5	10.5-20	x (6, 15)	--
12	WDI-SB-IDP-6	10/10/00	20	0-12	--	12-20	x (5, 15)	--
21	WDI-SB-IDP-7	10/12/00	16	0-2.5	2.5-9.5	9.5-16	x (5, 15)	--
44	WDI-SB-IDP-8	10/12/00	20	0-4.5	4.5-11.5	11.5-20	x (5, 9)	--
24	WDI-SB-IDP-9	10/13/00	20	0-9	--	9-20	--	--
24	WDI-SB-IDP-10	10/13/00	20	0-6	6-11.5	11.5-20	x (6, 11, 20)	--
22	WDI-SB-IDP-11	10/13/00	20	0-7	--	7-20	--	--
22	WDI-SB-IDP-12	10/13/00	20	0-1.5	1.5-3.5	3.5-20	x (5, 15)	--
22	WDI-SB-IDP-13	10/13/00	20	0-1.5	1.5-10.5	10.5-20	x (10, 20)	--
24	WDI-SB-IDP-14	10/14/00	20	0-5	5-19	19-20	x (5, 10, 20)	--
24	WDI-SB-IDP-15	10/14/00	20	0-5	5-15	15-20	--	--
24	WDI-SB-IDP-16	10/14/00	20	0-4.5	4.5-19	19-20	--	--
24	WDI-SB-IDP-17	10/14/00	5	0-4	4-5	ND	--	--
21	WDI-SB-IDP-18	10/27/00	16	0-3.5	3.5-4	4-16	--	--
3	WDI-SB-IDP-19	10/27/00	5	0-2	2-5	ND	--	--
32	WDI-SB-IDP-20	10/27/00	20	0-1	1-11	11-20	--	--
26	WDI-SB-HSA-1	10/3/00	40	0-6	6-15.5	15.5-40	--	x (5, 10, 20, 25, 30, 35, 40)
26	WDI-SB-HSA-2	10/3/00	40	0-5	5-17	17-40	--	x (5, 20, 25, 30, 35)
26	WDI-SB-HSA-3	10/4/00	35	0-5	--	5-35	--	x (15, 20, 25, 30)
26	WDI-SB-HSA-4	10/06/00	35	0-3	3-11	11-35	--	x (5, 10, 20, 25, 30)
26	WDI-SB-HSA-5	10/06/00	40	0-3.5	3.5-14	14-40	--	x (10, 15, 25, 30, 35, 40)
3	WDI-SB-HSA-6	10/06/00	40	0-1.5	1.5-2.5 8-15	15-40	--	x (10, 15, 20, 25, 30)
32	WDI-SB-HSA-7	10/06/00	35	0-3	3-9	9-35	--	x (5, 10, 20, 30, 35)
43	WDI-SB-HSA-8	10/14/00	35	0-2	2-16	16-35	--	x (15, 20, 25, 30)

TABLE 2.4

SUMMARY OF GEOTECHNICAL LABORATORY DATA
WASTE DISPOSAL, INC. SUPERFUND SITE

SAMPLE NUMBER BORING NO. - DEPTH (feet)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	GRAIN SIZE (%)		DIRECT SHEAR STRENGTH		UNCONFINED COMPRESSION STRENGTH (psf)
			Sand	Silt/Clay	Cohesion (psf)	Friction Angle (degrees)	
HSA-1-5	19.7	97.5	–	–	–	–	–
HSA-1-10	18.1	103.7	–	–	–	–	–
HSA-1-25	2.2	89.4	–	–	–	–	–
HSA-1-30	12.2	95.9	–	–	–	–	–
HSA-1-35	18.4	110.1	–	–	–	–	–
HSA-1-40	8.9	105.6	–	–	–	–	–
HSA-2-5	12.1	109.3	–	–	–	–	–
HSA-2-10	–	–	–	–	–	–	–
HSA-2-15	–	–	–	–	–	–	–
HSA-2-20	9.9	98.6	–	–	–	–	–
HSA-2-25	–	–	95	7	–	–	–
HSA-2-30	6.2	102.3	–	–	–	–	–
HSA-2-35	18.1	99.4	–	–	–	–	–
HSA-2-40	–	–	–	–	–	–	–
HSA-3-5	–	–	–	–	–	–	–
HSA-3-10	–	–	–	–	–	–	–
HSA-3-15	16.0	116.3	–	–	–	–	–
HSA-3-20	3.7	95.5	–	–	–	–	–
HSA-3-25	2.2	88.2	–	–	–	–	–
HSA-3-30	10.2	90.6	–	–	–	–	–
HSA-4-5	44.4	66.2	–	–	–	–	720
HSA-4-10	13.0	120.7	–	–	–	–	–
HSA-4-15	–	–	–	–	–	–	–
HSA-4-20	10.1	98.5	61	39	922	24	–
HSA-4-25	3.4	94.0	–	–	–	–	–
HSA-4-30	10.5	105.1	–	–	–	–	–

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TABLE 2.4

SUMMARY OF GEOTECHNICAL LABORATORY DATA
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

SAMPLE NUMBER BORING NO. - DEPTH (feet)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	GRAIN SIZE (%)		DIRECT SHEAR STRENGTH		UNCONFINED COMPRESSION STRENGTH (psf)
			Sand	Silt/Clay	Cohesion (psf)	Friction Angle (degrees)	
HSA-5-5	–	–	–	–	–	–	–
HSA-5-10	38.3	80.6	–	–	–	–	403
HSA-5-15	13.1	122.8	–	–	–	–	–
HSA-5-20	–	–	–	–	–	–	–
HSA-5-25	4.8	107.5	–	–	–	–	–
HSA-5-30	17.3	93.7	–	–	–	–	–
HSA-5-35	17.7	103.0	–	–	–	–	–
HSA-5-40	24.0	104.5	–	–	–	–	–
HSA-6-5	–	–	–	–	–	–	–
HSA-6-10	18.0	103.7	–	–	–	–	835
HSA-6-15	17.2	110.4	69	31	672	29	–
HSA-6-20	15.1	113.3	–	–	–	–	–
HSA-6-25	6.2	99.9	–	–	–	–	–
HSA-6-30	–	–	94	6	–	–	–
HSA-6-35	–	–	–	–	–	–	–
HSA-7-5	19.2	107.3	–	–	–	–	1,584
HSA-7-10	14.2	121.6	–	–	–	–	–
HSA-7-15	–	–	–	–	–	–	–
HSA-7-20	6.4	99.3	–	–	–	–	–
HSA-7-30	16.4	105.4	–	–	–	–	–
HSA-7-35	5.5	97.9	98	2	–	–	–

TABLE 2.4

SUMMARY OF GEOTECHNICAL LABORATORY DATA
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

SAMPLE NUMBER BORING NO. - DEPTH (feet)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	GRAIN SIZE (%)		DIRECT SHEAR STRENGTH		UNCONFINED COMPRESSION STRENGTH (psf)
			Sand	Silt/Clay	Cohesion (psf)	Friction Angle (degrees)	
HSA-8-2	–	–	–	–	–	–	–
HSA-8-4	–	–	–	–	–	–	–
HSA-8-6	–	–	–	–	–	–	–
HSA-8-10	–	–	–	–	–	–	–
HSA-8-15	24.6	95.6	–	–	–	–	–
HSA-8-20	2.9	95.6	–	–	–	–	–
HSA-8-25	4.5	96.9	–	–	–	–	–
HSA-8-30	3.1	98.4	–	–	–	–	–
HSA-8-35	–	–	–	–	–	–	–

TABLE 3.1

BORING LOCATIONS BY PARCEL NUMBER
WASTE DISPOSAL, INC. SUPERFUND SITE

PARCEL NUMBER	BORING NUMBERS
3	IDP-19, HSA-6
4	–
7	–
11	DP-22, DP-23
12	DP-18, DP-19, DP-20, DP-21, IDP-6
21	DP-2, IDP-7, IDP-18
22	IDP-11, IDP-12, IDP-13
24	IDP-9, IDP-10, IDP-14, IDP-15, IDP-16, IDP-17
25	–
26	DP-1, DP-3, DP-4, DP-5, DP-6, DP-8, DP-24, DP-26, HSA-1, HSA-2, HSA-3, HSA-4, HSA-5
28	DP-12, DP-13, DP-16, DP-39, DP-40, DP-42
29	DP-14, DP-15, DP-17, DP-41
30	DP-25, DP-27, DP-32
32	DP-9, HSA-7, IDP-4, IDP-5, IDP-20
37	DP-34, DP-35
41	DP-7, DP-36, DP-37, DP-43, IDP-1, IDP-2
42	DP-10, IDP-3
43	DP-28, DP-29, DP-30, DP-31, DP-38, HSA-8
44	DP-11, DP-33, IDP-8
49	–
50	–
51	–

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FIGURES

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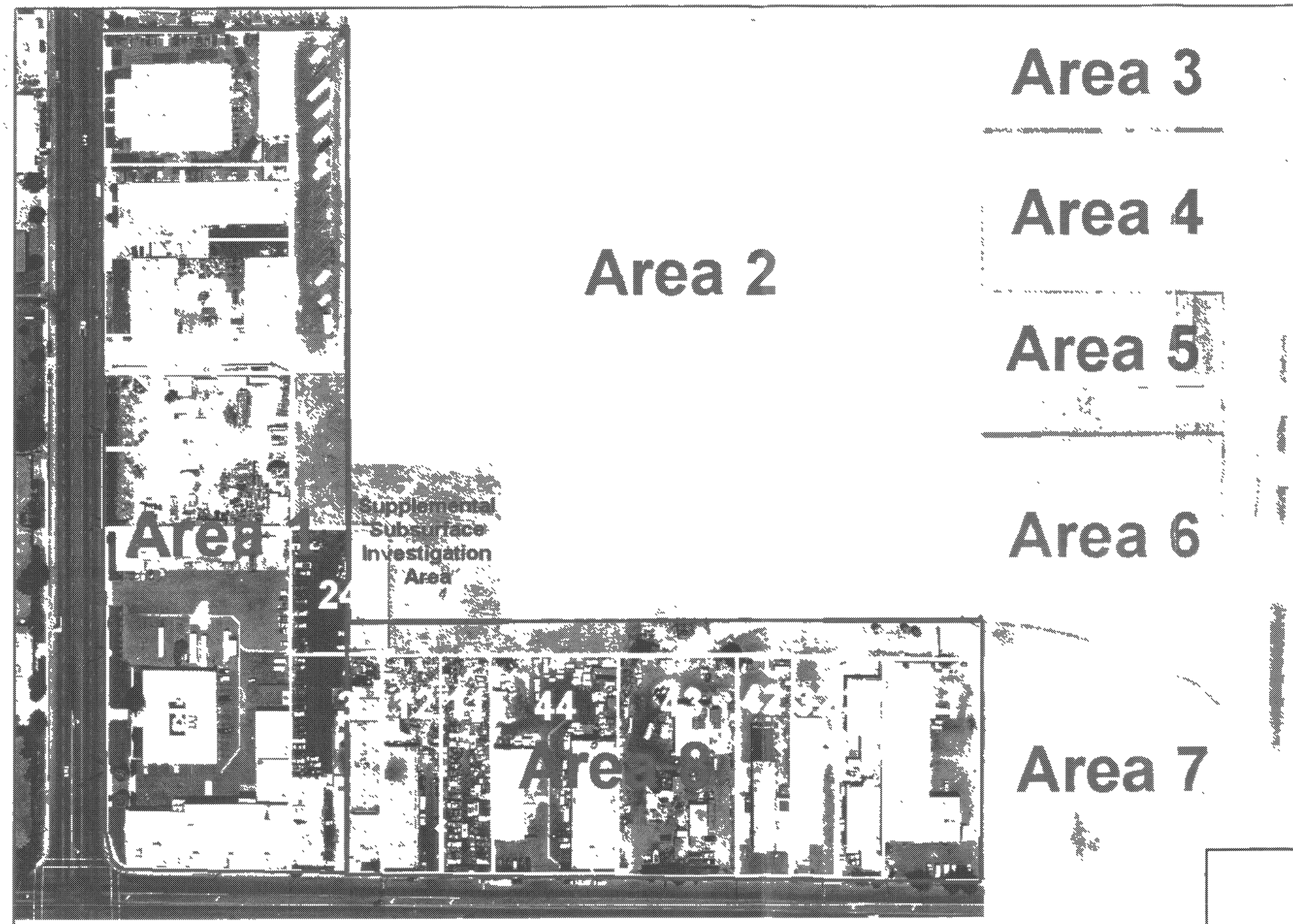
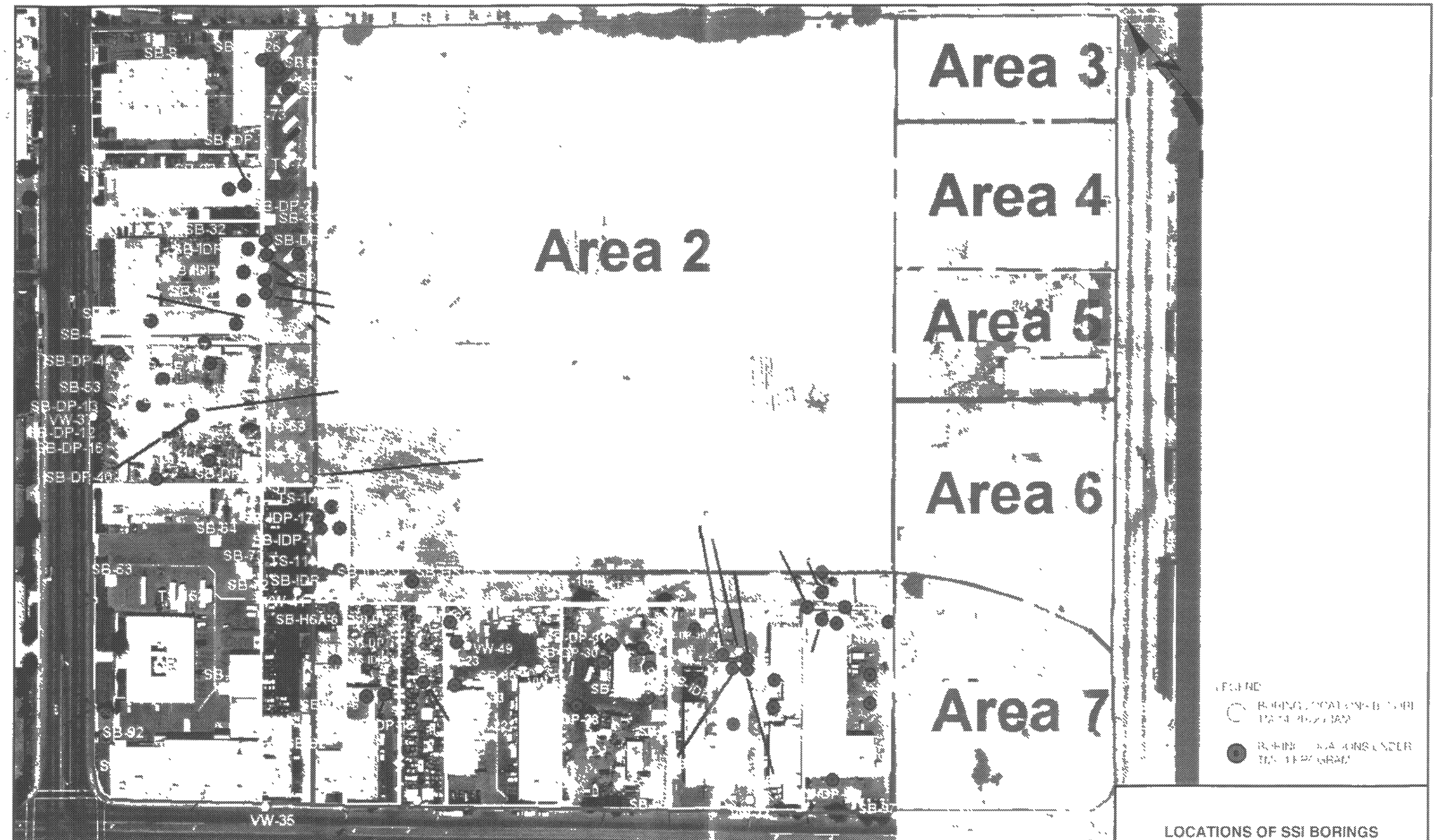


SITE LOCATION MAP

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC

FIGURE 1.1

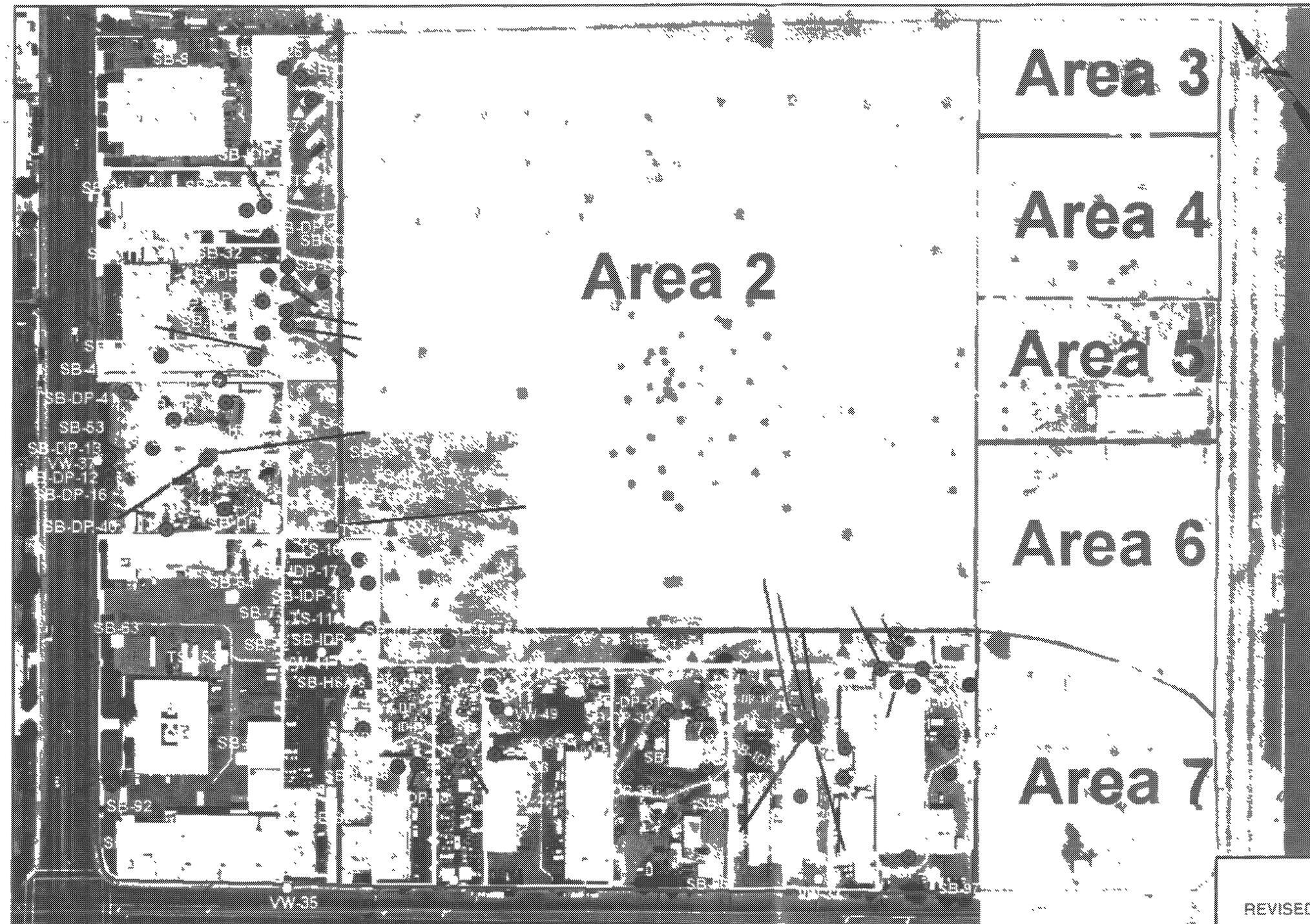


LOCATIONS OF SSI BORINGS

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC

FIGURE 2.1

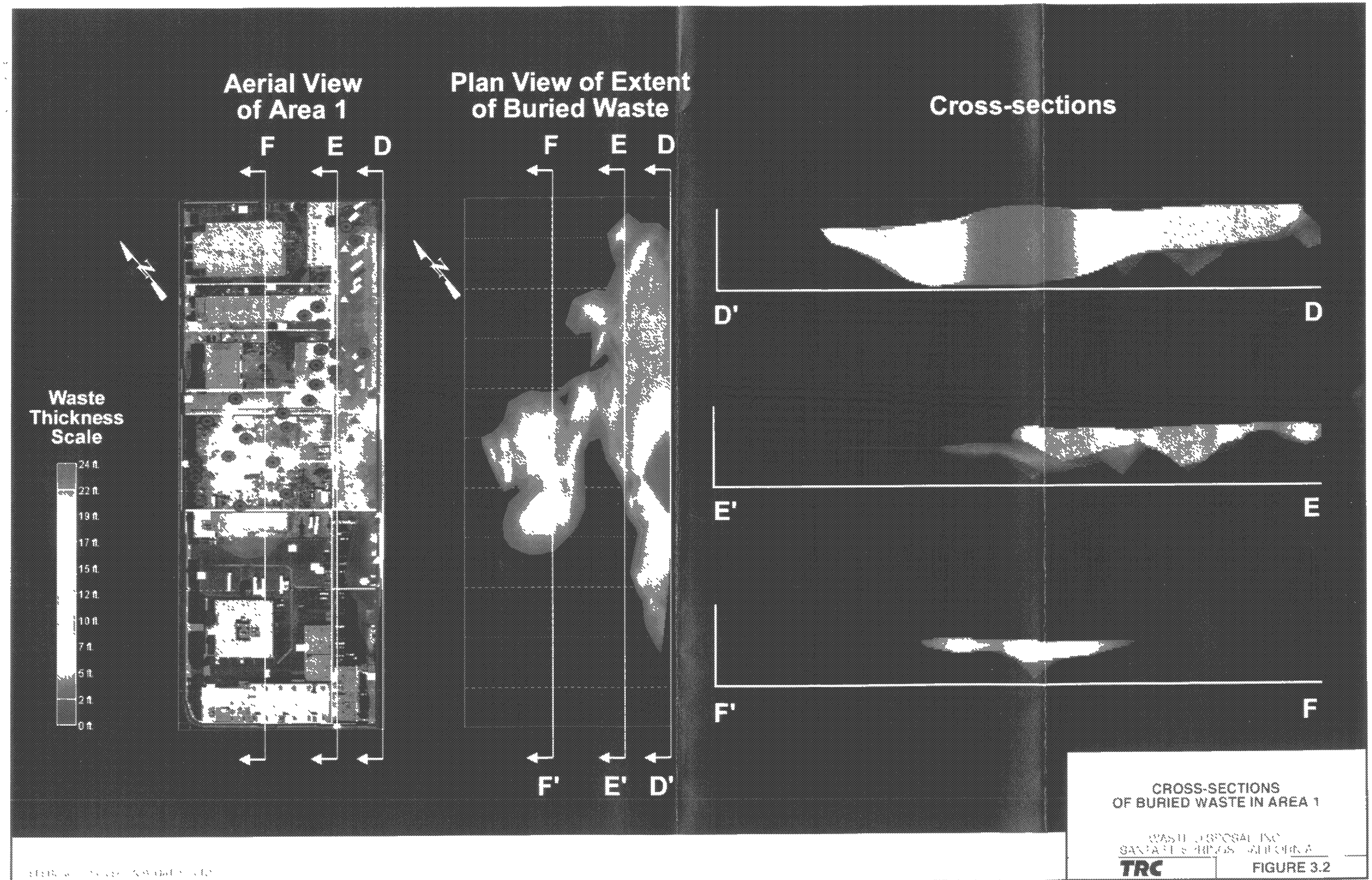


REVISED LIMITS OF BURIED WASTE

WASTE DISPOSAL INC
SAN DIEGO, CALIFORNIA

TRC

FIGURE 3.1

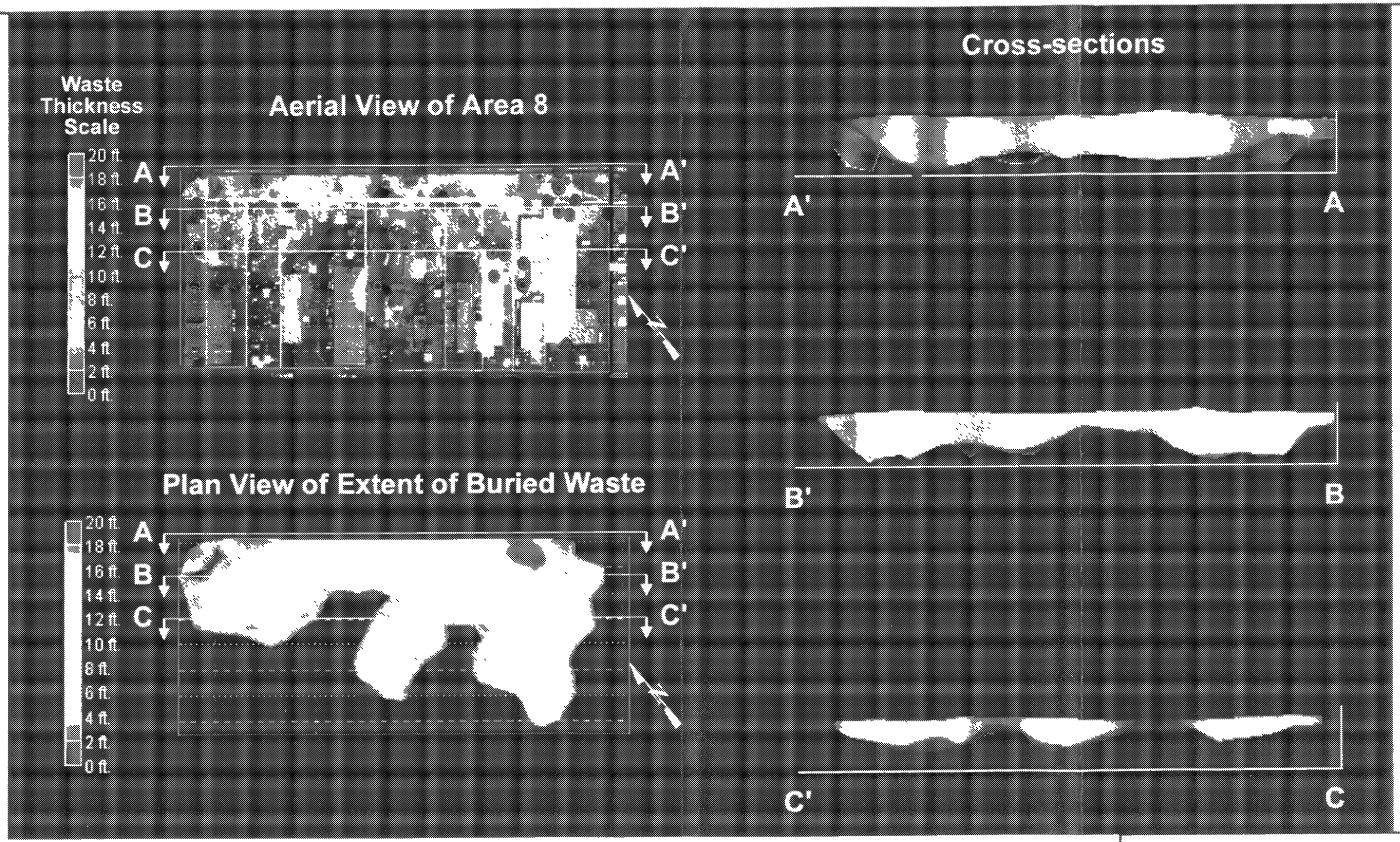


CROSS-SECTIONS OF BURIED WASTE IN AREA 1

WASTE DISPOSAL INC
SANTA FE SPRINGS, CALIFORNIA

TRC

FIGURE 3.2



CROSS-SECTIONS
OF BURIED WASTE IN AREA 8

TRC

FIGURE 3.3

TRC

Customer-Focused Solutions