



MEMORANDUM

TO: Omo Manufacturing Site File

cc: Janis Tsang, On-Scene Coordinator (OSC), U.S. Environmental Protection Agency (EPA) Region I, Emergency Planning and Response Branch (EPRB)

FROM: Gerald Hornok, Site Leader, Weston Solutions, Inc. (WESTON®), Superfund Technical Assessment and Response Team III (START)

DATE: 5 April 2010

THRU: John Kelly, Project Leader, START

RE: Surface Soil Sampling Activities at the Omo Manufacturing Site, Middletown, Middlesex County, Connecticut. TDD Number (No.) 01-09-03-0004; Task No. 0512; Document Control (DC) No. R-5917.

INTRODUCTION

From 30 November 2009 through 4 December 2009, Weston Solutions, Inc. (WESTON®), Superfund Technical Assessment and Response Team III (START) personnel John Kelly, Gerald Hornok, Timothy Benton, Paul Callahan, Mark Hall, Dean Brammer, Robert Sharp, Carolyn Imbres, Noah Kutsch, and Christine Scesney mobilized to the Omo Manufacturing Site (the Site) (formerly known as the Marino Property Site) located in Middletown, Middlesex County, Connecticut (CT). The purpose of the trip was to conduct surface soil sampling and site documentation activities.

SITE DESCRIPTION

The Site is located at 50 Walnut Street, in Middletown, Middlesex County, CT [1-2]. The geographic coordinates of the Site, as measured from its approximate center, are 41° 33' 23.1" north latitude and 72° 38' 25.6" west longitude (see Attachment A, Figure 1) [3-4]. The property is identified by the City of Middletown (the City) Tax Assessor's Map Number (No.) 34, as Block No. 24-7, Lot No. 9 [2; 12; 13]. The Site is bordered to the north by River Road, railroad tracks, and the Connecticut River; to the east by Walnut Street and residential properties; to the south by Route 9 and state-owned land; and to the west by Sumner Brook, a small drainage ditch, Route 9, and state-owned land [12]. The Site is owned by RLO Properties Inc., c/o Mr. J.R. Marino [13]. Mrs. Tamba Marino is the president of American Contractors, LLC (American Contractors), which operates on the Site [12]. The Site is approximately 10.2 acres, of which approximately 1.25 acres are occupied by the footprint of the two on-site buildings [13]. A discontinuous fence surrounds the Site, with openings in the northeast corner and along the



western edge of the Site. The central and western portion of the site is currently utilized as a storage yard. The storage yard is current utilized by tenants, including American Contractors. Items stored within the storage yard include the following: storage trailers; non-operational vehicles; antique vehicles; boats; a former Diner (non-operational); numerous tires; tire removal and lift equipment; American Contractor's construction equipment, vehicles, supplies; and piles of debris, construction materials, tree stumps, soil, loam, and crushed concrete. The nearest residence is located east of Building No. 2, which is located on the southeastern portion of the Site. A parking area is located across Walnut Street to the east of Building No. 1, which is located on the northeastern portion of the Site (see Attachment A, Figure 2) [2].

The Site was originally the location of the Omo Manufacturing Company, a rubber and artificial leather factory that was built in the late 1800s. Prior to the 1930s, a 2- to 4-acre wetland area was located on the western portion of the Site. From the early 1930s until approximately the mid-1950s, the wetlands were used by the City as a municipal landfill (the City Landfill). According to previous reports and to Mr. JR Marino, the City Landfill accepted industrial waste from facilities located throughout the City [9-10]. Waste oils, paints, and refuse from the on-site rubber manufacturing process were also allegedly disposed of west of Building No. 1. In approximately the mid-1950s, during the construction of Route 9, the State of Connecticut altered the topography of the Site, including modifying the course of Sumner Brook and constructing a drainage ditch located adjacent to (west of) the Site. Also around the mid-1950s, a portion of the City Landfill was relocated approximately 2 miles northwest of the Site. After the City Landfill was moved, the Site was purchased by Georgia Bonded Fibers. Georgia Bonded Fibers operated on the Site until the property was purchased by Hildebrand Industries. In the early 1970s, the Connecticut Development Commission obtained the rights to the Site through a foreclosure of Hildebrand Industries. The Site was subsequently purchased by Mr. Salvatore J. Marino Sr., who reportedly filled in the remaining wetlands on the property with approximately 2 to 3 feet of soil of unknown origin [5; 7-10].

Previous Site investigations have indicated that hazardous substances containing volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and metals exist on the Site [5-11]. On 28 August 2009, START personnel collected 27 surface soil samples [0 to 6 inches below the ground surface (bgs)] from 24 locations in the northwestern portion of the Site (Area of Investigation No. 1). The 27 surface soil samples (SS-01 through SS-27) were submitted to the Environmental Protection Agency (EPA) Office of Environmental Measurement and Evaluation (OEME) Laboratory for PCB and metals screening analyses. Samples screened for PCBs were screened for six Aroclor compounds (Aroclor-1242, -1248, -1254, -1260, -1262, -1268) utilizing gas chromatograph/electron capture detector (GC/ECD) analytical methods. Samples screened for metals were screened for seven metals (arsenic, cadmium, chromium, lead, mercury, selenium, and silver) via X-Ray Fluorescence (XRF). In addition, EPA OEME performed confirmation analyses on selected surface soil screening samples. Confirmation analyses for PCBs were conducted utilizing GC/ECD analytical methods. Confirmation analyses for metals were conducted utilizing Inductively Coupled Plasma (ICP), Cold Vapor Atomic Absorption (CVAA), and Semi-Automated Colorimetry (SA) analytical methods. Analytical results of the surface soil samples indicated



Colorimetry (SA) analytical methods. Analytical results of the surface soil samples indicated elevated concentrations of Aroclor-1260, lead, and arsenic, with maximum concentrations of 100 parts per million (ppm), 1,600 ppm, and 13 ppm, respectively [14].

SITE ACTIVITIES

On 23 November through 25 November 2009, as part of a U.S. EPA Removal Program Preliminary Assessment/Site Investigation (PA/SI), EPA On-Scene Coordinator (OSC) and Contracting Officer Representative (COR) Janis Tsang, and START members Kelly, Hornok, Benton, Sharp, and Scesny mobilized to the Site to conduct site sampling preparation and documentation activities. Additional personnel, including EPA Environmental Response Team (ERT) representative Alan Humphrey, Agency for Toxic Substance and Disease Registry (ATSDR) representative Gary Perlman, Army Corp of Engineer representative Peg Lorenzo, and EPA Region I representatives David McIntyre and Tina Hennessy were on site on 23 November and/or 24 November 2010 to conduct site walks and to assist OSC Tsang with site planning discussions. Site Health and Safety Coordinator (SHSC) Kelly conducted a tailgate health and safety meeting, and ensured that all on-site START personnel signed the site-specific health and safety plan (HASP). The site-specific HASP was prepared as a separate document, entitled *Weston Solutions, Inc, Region I START Site Health and Safety Plan (HASP) for the Marino Property Site, 50 Walnut Street, Middletown, Middlesex County, Connecticut*, revision dated November 2009. START personnel established a support zone and calibrated air monitoring instruments, including combined lower explosive limit (LEL), oxygen (O₂), carbon monoxide (CO), hydrogen sulfide (H₂S), and VOC meters (MultiRAE Plus) and a radiation meter (MicroR meter). Background levels were recorded in the site-specific HASP as follows: MultiRAE Plus (CO = 0.0 ppm, VOC = 0.0 units, H₂S = 0.0 ppm, LEL = 0%, O₂ = 20.9%) and MicroR meter [5-8 microRoentgens per hour (μR/hr)]. Air monitoring was conducted initially and periodically thereafter for the duration of the site sample preparation activities. START also conducted calibration checks and deployed two Dust Track Monitors on 23 November 2010. However, START halted and cancelled dust monitoring activities, with concurrence from OSC Tsang, due to deterioration in weather conditions, including steady rain. All activities were conducted in modified Level D personnel protection equipment (PPE) [2].

As part of the sample preparation activities, START delineated work zones; documented site conditions; established and documented sample grid locations, and the boundary between the edge of the paved and unpaved yard area; and conducted an inventory of equipment, piles, vehicles, and miscellaneous objects and materials stored on the property. START delineated the approximate edge of the asphalt driveway that runs north to south through the site, west of the building, placing wooden stakes, orange safety cones, and caution tape along the edge of the paved verses unpaved areas, and documented the line utilizing global positioning system (GPS) techniques. START established a 30-foot (ft) grid over the open-space areas of the entire site, using the original sampling grid as a baseline and then offsetting it by 15 feet. Sample locations were marked and recorded with a GPS unit. The EPA OSC also requested that additional bias sample points be marked and recorded for sample collection based on observed site conditions. START also conducted a site inventory of the equipment and material present on site, including



construction equipment, storage trailers, debris piles, antique vehicles, and other miscellaneous items. Each item was assigned a unique identification number, labeled, photodocumented, and had its location recorded utilizing a GPS unit. Per the direction of OSC Tsang, each item was tagged with a green or red label, indicating whether that item would be allowed to be moved from its current location without additional discussion with EPA personnel. The complete inventory and photolog was prepared as a separate document, entitled *Weston Solutions, Inc., Removal Program Inventory Photolog for the Omo Manufacturing Site, Middletown, Middlesex County, Connecticut* dated February 2010. START also checked, verified and photodocumented the condition and number of the Investigation-Derived Waste (IDW) drums staged within the on-site temporary IDW storage area [2].

From 30 November through 4 December 2009, as part of an EPA Region I PA/SI, EPA ERT representative Alan Humphrey, EPA OEME Chemist Scott Clifford, and START members Kelly, Hornok, Benton, Sharp, Scesny, Callahan, Hall, Imbres, Brammer, and Kutsch mobilized to the Site to conduct surface soil sampling activities. Additionally, ATSDR representative Gary Perlman was on site for part of the day on 30 November 2010 to discuss and aid with planning additional sample location requirements. Site SHSC Kelly conducted a tailgate health and safety meeting, and ensured that all on-site START personnel signed the site-specific HASP. START personnel established a support zone and calibrated air monitoring instruments, including five combined VOC/H₂S/LEL/CO/O₂ meters (two MultiRAE Plus and three Ibrid Model MX6); two combination photoionization detector (PID)/flame ionization detector (FID) meters (TVA 1000B); and a radiation meter (MicroR meter). Background levels were recorded in the site-specific HASP as follows: MultiRAE Plus (Unit 1 and Unit 2) (CO = 0.0 ppm, VOC = 0.0 units, H₂S = 0.0 ppm, LEL = 0%, O₂ = 20.9%); Ibrid Unit No. 1 (CO = 0.0 ppm, VOC = 0.5 units, H₂S = 0.0 ppm, LEL = 0%, O₂ = 20.9%); Ibrid Unit No. 2 (CO = 0.0 ppm, VOC = 1.8 units, H₂S = 0.0 ppm, LEL = 0%, O₂ = 20.9%); Ibrid Unit No. 3 (CO = 0.0 ppm, VOC = 3.5 units, H₂S = 0.0 ppm, LEL = 0%, O₂ = 20.9%); MicroR Meter = (8-10 µR/hr); TVA Unit No. 1 (PID = 0.0 ppm, FID = 1.5 ppm); and TVA Unit No. 2 (PID = 0.0 ppm, FID = 1.8 ppm).

Air monitoring was conducted initially and for the duration of the surface soil sampling activities. Surface soil sampling was conducted in Level C PPE, and all other activities were conducted in modified Level D PPE. All sampling activities were performed in accordance with the site-specific Sampling and Analysis Plan (SAP), which was prepared as a separate document entitled, *Removal Program Sampling and Analysis Plan (SAP) for the Marino Property Site, Middletown, Middlesex County, Connecticut*, dated May 2009, *Revision II: November 2009* [2]. Additional air monitoring utilizing Dust Track instruments was planned; however, due to weather and site conditions, including heavy rains, high winds and muddy soil surface, the EPA OSC and on-site EPA representative (Humphrey) determined that monitoring for dust particulates would not be performed at this time.

As part of the surface soil sampling activities, START personnel collected 226 soil samples (AS-01, AS-02, SS-100 through SS-214, SS-221 through SS-301, and SS-400 through SS-412) including 15 duplicates (SS-348 through SS-356, and SS-358 through SS-363) from locations encompassing the entire site (see Attachment A, Figure 3). Samples were collected from the



established grids as well as from discretionary sample locations determined by the OSC and on-site EPA representative Humphrey. Samples were screened on site by the EPA Mobile Laboratory Chemist Scott Clifford for PCBs and XRF metals. Of the 226 surface soil samples collected, 213 were submitted to the Contract Laboratory Program (CLP) Laboratory for SVOC and PCB analyses; 108 for VOCs, metals (including mercury), and cyanide analyses; and 55 for pesticides analysis. A total of 23 samples of the 226 surface soil samples screened on site were prepared and submitted to the EPA OEME laboratory for PCB and metals confirmation analyses. START surface soil samples were collected from depths of 0 to 6 inches below ground surface (bgs). Dedicated and non-dedicated equipment was used during sample collection procedures. Non-dedicated sampling equipment was decontaminated prior to initiation of sampling and between sample locations. Sample descriptions were recorded on field data sheets, and sample locations were recorded utilizing a GPS unit.

START also performed additional site activities, as requested by the EPA OSC during the sampling event, including documenting site conditions; and establishing and delineating the boundary between the edge of the paved and unpaved yard areas, as well as an area near the southwest corner of Building Number (No.) 1 where elevated PCB screenings were detected. In addition, START conducted a second inventory of equipment, piles, vehicles, and miscellaneous objects and materials stored on the property to determine which items had been removed, and whether there were any changes from the original inventory. START also conducted additional photodocumentation of inventory items. As part of this inventory, the heights of on-site debris piles were measured in order to calculate volume estimates. START also checked, verified, and photodocumented the condition and number of the IDW drums staged within the on-site temporary IDW storage area [2].

On 1 December and 3 December 2009, samples collected from the Omo Manufacturing Site were shipped via FedEx to the CLP laboratories for VOC, SVOC, PCB, pesticide, total metals (including mercury), and cyanide analyses. EPA Chemist Clifford delivered 23 samples to the EPA OEME Laboratory for confirmatory analysis for PCBs and metals. In addition, three samples were also selected by the OSC and submitted for Toxicity Characteristic Leaching Procedure (TCLP) analysis through the EPA OEME laboratory. The chain-of-custody records are included as Appendix B.

Analytical results of the surface soil sampling are included in Appendix C, Contract Laboratory Program Data; and Appendix D, U.S. Environmental Protection Agency, Office of Measurement and Evaluation, Analytical Data. Summary tables of the analytical data were prepared and are included in Appendix E, Summary Tables. Complete CLP Analytical Data Packages and Validation Memoranda are included in the Omo Manufacturing Site File [15-21].



Field Screening Data Summaries

Surface Soil Sample Results

Between 30 November and 4 December 2009, START personnel collected 226 surface soil samples (0 to 6 inches bgs) from locations throughout the entire site. All surface soil samples were submitted to the on-site EPA OEME Mobile Laboratory for PCB and metal (XRF) screening analyses. Samples screened for PCBs were screened for two Aroclor compounds (Aroclor-1254 and -1260) utilizing GC/ECD analytical methods. Samples screened for metals were screened for four metals (arsenic, chromium, lead, and mercury) utilizing XRF methods. Screenings results of the 226 surface soil samples indicated one PCB (Aroclor-1260) and all four metals (arsenic, chromium, lead, and mercury) at levels above screening detection limits. Twenty-three of the 226 surface soil samples were selected, prepared, and submitted to the EPA OEME laboratory for PCB confirmation analysis utilizing GC/ECD analytical methods. In addition, 23 of the 226 surface soil samples were selected, prepared, and submitted to the EPA OEME laboratory for metals confirmation analysis utilizing Inductively Coupled Plasma (ICP) analytical methods.

Field Screening Surface Soil Sample Exceedances and Maximum Values

PCB screening results indicated the presence of Aroclor-1260 in surface soil samples collected from the site. The maximum concentration of Aroclor-1260 was 188 milligrams per kilogram (mg/Kg) in sample SS-281, which is above the Connecticut Department of Environmental Protection (CT DEP) Remediation Standard Regulations (RSR) Industrial/Commercial (I/C) Direct Exposure Criteria (DEC) for total PCBs in soil (see Appendix A, Figures 4a and 4b; and Appendix E, Table 2) [22, 31]. The results of EPA OEME laboratory PCB confirmation analysis indicated the presence of Aroclor-1260 in all 23 selected samples (see Appendix A, Figures 4a and 4b; Appendix E, Table 2) [26, 27].

All four metals were detected in surface soil samples at concentrations exceeding screening detection limits (maximum concentration and sample location in parentheses): arsenic (51 mg/Kg in SS-165), lead (540 mg/Kg in SS-292), mercury (9 mg/Kg in SS-181), and chromium (110 mg/Kg in SS-292). One metal, arsenic, was detected at concentrations exceeding its CT DEP RSR I/C DEC for soil (see Appendix A, Figure 5; and Appendix E, Table 3) [23, 31]. The results of EPA OEME laboratory metals confirmation analysis indicated the presence of arsenic in 11 of the 23 selected samples (see Appendix A, Figure 5; Appendix E, Table 3) [29-30].

Laboratory Analytical Data Summaries

Surface Soil Sample Results

Between 30 November and 4 December 2009, START personnel collected 226 surface soil samples (0 to 6 inches bgs) from locations encompassing the entire site. A total of 213 of the surface soil samples were submitted to the CLP Laboratory for SVOC and PCB analyses; 108 of



the surface soil samples were submitted for VOCs, metals (including mercury), and cyanide analyses; and 55 of the surface soil samples were submitted for pesticides analysis. VOC, SVOC, PCB, and pesticide analyses were performed via gas chromatograph/mass spectrometry (GC/MS). Total metals analysis was performed via ICP; mercury analysis was performed via CVAA; and cyanide analysis was performed via SA. Fixed-based laboratory analytical results of the surface soil samples indicated the presence of four SVOCs, one PCB, and one metal at levels above CT DEP RSR I/C DEC for soil.

Surface Soil Sample Exceedances and Maximum Values

The following eight VOCs were detected above method detection limits in surface soil samples (maximum concentration and sample location in parentheses): acetone [3,800 micrograms per Kilogram ($\mu\text{g/Kg}$) in SS-200]; chloroform (2,400 $\mu\text{g/Kg}$ in SS-241); ethylbenzene (120 J $\mu\text{g/Kg}$ in SS-159); o-xylene (200 J $\mu\text{g/Kg}$ in SS-223); m,p-xylene (490 $\mu\text{g/Kg}$ in SS-159); methyl acetate (12,000 $\mu\text{g/Kg}$ in SS-350); trichlorofluoromethane (3,600 $\mu\text{g/Kg}$ in SS-284); and toluene (760 $\mu\text{g/Kg}$ in SS-140). No VOCs were detected at concentrations exceeding their respective CT DEP RSR I/C DEC for soil (see Appendix C, Table 1) [15-20, 31].

The following 35 SVOCs were detected above method detection limits in surface soil samples (maximum concentration and sample location in parentheses): acenaphthene (3,100 J $\mu\text{g/Kg}$ in SS-109); acenaphthylene (2,200 $\mu\text{g/Kg}$ in SS-172); acetophenone (390 J $\mu\text{g/Kg}$ in SS-189); anthracene (7,900 $\mu\text{g/Kg}$ in SS-108); atrazine (300 J $\mu\text{g/Kg}$ in SS-230); benzaldehyde (1,400 $\mu\text{g/Kg}$ in SS-210); benzo(a)anthracene (18,000 $\mu\text{g/Kg}$ in SS-172 and SS-294); benzo(a)pyrene (18,000 $\mu\text{g/Kg}$ in SS-172); benzo(b)fluoranthene (25,000 $\mu\text{g/Kg}$ in SS-172); benzo(g,h,i)perylene (11,000 $\mu\text{g/Kg}$ in SS-172); benzo(k)fluoranthene (7,500 $\mu\text{g/Kg}$ in SS-294); bis(2-ethylhexyl)phthalate (1,100,000 $\mu\text{g/Kg}$ in SS-194); butylbenzylphthalate (5,300 $\mu\text{g/Kg}$ in SS-194); carbazole (4,600 J $\mu\text{g/Kg}$ in SS-236); chrysene (15,000 $\mu\text{g/Kg}$ in SS-294); dibenzo(a,h)anthracene (3,200 $\mu\text{g/Kg}$ in SS-172); dibenzofuran (1,700 J $\mu\text{g/Kg}$ in SS-108); diethylphthalate (160 J $\mu\text{g/Kg}$ in SS-134); dimethylphthalate (2,200 $\mu\text{g/Kg}$ in SS-226); di-n-butylphthalate (650 J $\mu\text{g/Kg}$ in SS-162); di-n-octylphthalate (14,000 $\mu\text{g/Kg}$ in SS-273 and SS-281); fluoranthene (36,000 $\mu\text{g/Kg}$ in SS-294); fluorine (3,700 $\mu\text{g/Kg}$ in SS-108); hexachloroethane (34 J $\mu\text{g/Kg}$ in SS-230); indeno(1,2,3-cd)pyrene (12,000 $\mu\text{g/Kg}$ in SS-172); naphthalene (1,300 $\mu\text{g/Kg}$ in SS-249); phenanthrene (24,000 $\mu\text{g/Kg}$ in SS-108); phenol (86 J $\mu\text{g/Kg}$ in SS-101); pyrene (33,000 $\mu\text{g/Kg}$ in SS-294); 1,1'-biphenyl (150 J $\mu\text{g/Kg}$ in SS-108); 2-chloronaphthalene (210 J $\mu\text{g/Kg}$ in SS-230); 2-methylnaphthalene (440 J $\mu\text{g/Kg}$ in SS-223); 2,4-dichlorophenol (290 J $\mu\text{g/Kg}$ in SS-230); 2,4-dimethylphenol (1,100 J $\mu\text{g/Kg}$ in SS-226); and 4-methylphenol (51 J $\mu\text{g/Kg}$ in SS-249). Four of these SVOCs were detected at concentrations exceeding their respective CT DEP RSR I/C DEC for soil: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and bis(2-ethylhexyl)phthalate (see Appendix A, Figures 6a and 6b; Appendix C, Table 2; and Appendix E, Table 1) [21, 31-42].

PCBs were detected above method detection limits in surface soil samples. PCBs consistent with Aroclor-1260 were detected at a maximum concentration of 270 mg/Kg at surface soil



sample location SS-281, which is above the CT DEP RSR I/C DEC for total PCBs in soil (see Appendix A, Figures 4a and 4b; Appendix C, Table 3; and Appendix E, Table 2) [21, 31-42].

A total of 19 pesticides were detected above method detection limits in surface soil samples (maximum concentration and sample location in parentheses): alpha-BHC (0.37 J $\mu\text{g/Kg}$ in SS-204); beta-BHC (1.3 J $\mu\text{g/Kg}$ in SS-257); delta-BHC (7.3 J $\mu\text{g/Kg}$ in SS-194); heptachlor (79 $\mu\text{g/Kg}$ in SS-252); aldrin (0.28 $\mu\text{g/Kg}$ in SS-287); heptachlor epoxide (47 J $\mu\text{g/Kg}$ in SS-194); endosulfan I (0.42 J $\mu\text{g/Kg}$ in SS-273); dieldrin (510 $\mu\text{g/Kg}$ in SS-194); 4,4'-DDE (66 J $\mu\text{g/Kg}$ in SS-194); endrin (200 J $\mu\text{g/Kg}$ in SS-194); endosulfan II (18 J $\mu\text{g/Kg}$ in SS-187 and SS-238); 4,4'-DDD (63 $\mu\text{g/Kg}$ in SS-162); endosulfan sulfate (76 $\mu\text{g/Kg}$ in SS-349); 4,4'-DDT (2,500 $\mu\text{g/Kg}$ in SS-179); methoxychlor (140 J $\mu\text{g/Kg}$ in SS-179); endrin ketone (51 J $\mu\text{g/Kg}$ in SS-194); endrin aldehyde (400 $\mu\text{g/Kg}$ in SS-194); alpha-chlordane (720 $\mu\text{g/Kg}$ in SS-252); and gamma-chlordane (810 $\mu\text{g/Kg}$ in SS-252). No pesticides were detected at concentrations exceeding their respective CT DEP RSR I/C DEC for soil (see Appendix C, Table 4) [21, 31-42].

A total of eight metals were detected above method detection limits in surface soil samples (maximum concentration and sample location in parentheses): arsenic (51.5 mg/Kg in SS-165); barium (264 mg/Kg in SS-223); cadmium (22.1 mg/Kg in SS-159); chromium (143 mg/Kg in SS-170); lead (512 mg/Kg in SS-229); mercury (1.1 mg/Kg in SS-170); selenium (2.5 J mg/Kg in SS-241); and silver (2.1 mg/Kg in SS-148). One metal, arsenic, was detected at concentrations exceeding its CT DEP RSR I/C DEC for soil (see Appendix A, Figure 5; Appendix C, Table 5; and Appendix E, Table 3) [31, 43-48].

Cyanide was detected above method detection limits in surface soil samples. The maximum concentration of cyanide was detected in sample SS-162 at 0.8 J mg/Kg (see Appendix C, Table 5) [31, 43-48].

TCLP Results

Three samples were prepared and submitted to the EPA OEME for TCLP analysis. The following two metals were detected above method detection limits (maximum concentration and sample location in parentheses): barium [973 micrograms per Liter ($\mu\text{g/L}$) in SS-233] and cadmium (30 $\mu\text{g/L}$ in SS-165) (see Appendix C, Table 6; and Appendix E, Table 4) [28, 31].

Appendix C contains analytical data tables for all surface soil samples analyzed via CLP. Appendix D contains analytical data for all surface soil samples analyzed by OEME. Appendix E contains analytical data summary tables.



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5 April 2010

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5 April 2010
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Attachments

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Attachment A

Figures

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3	Surface Soil Sample Location Map
Figure 4a	PCB Exceedances (Northern Portion of Site)
Figure 4b	PCB Exceedances (Southern Portion of Site)
Figure 5	Arsenic Exceedances
Figure 6a	SVOC Exceedances (Northern Portion of Site)
Figure 6b	SVOC Exceedances (Southern Portion of Site)

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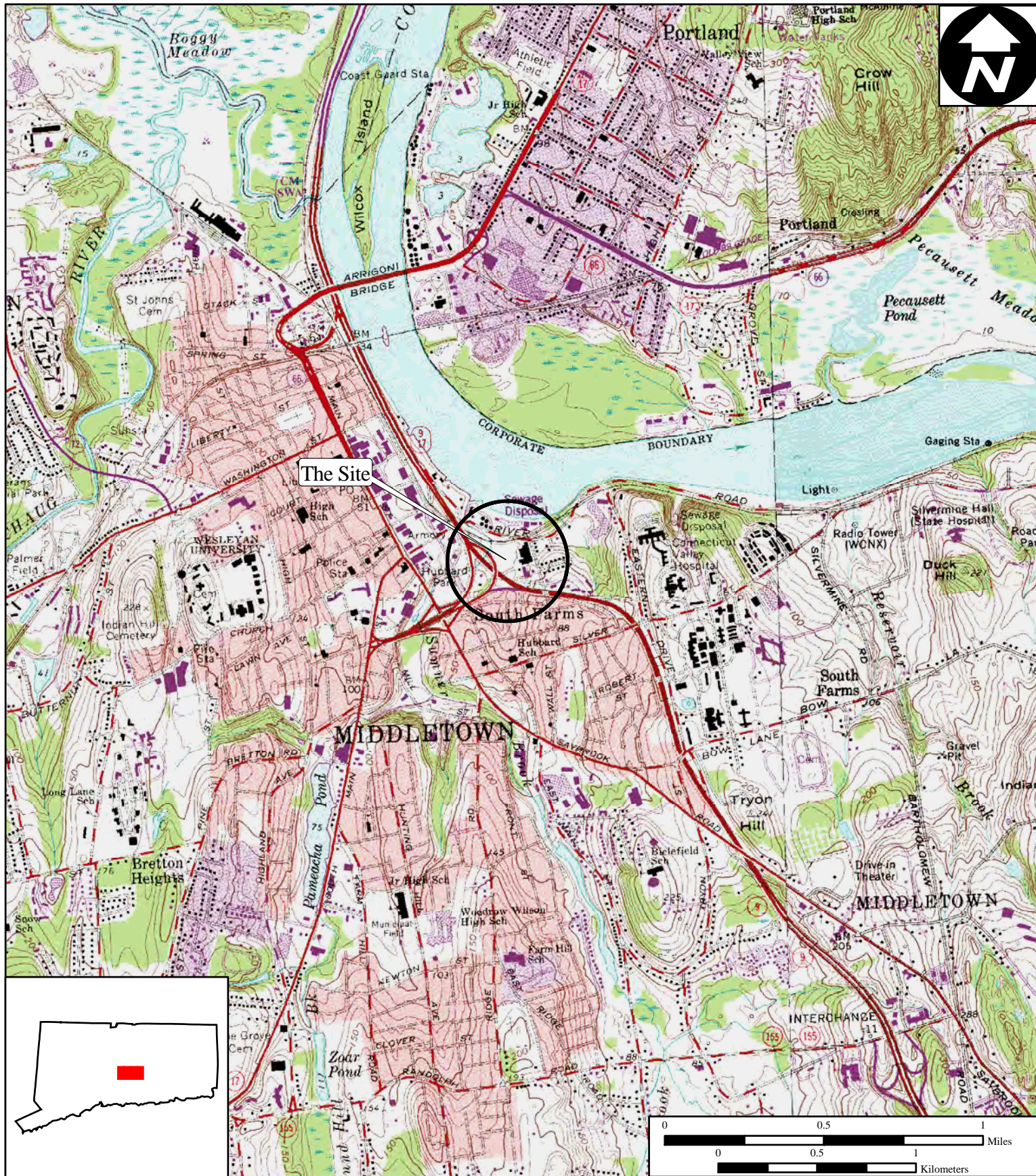


Figure 1

Site Location Map

**Omo Manufacturing Site
50 Walnut Street
Middletown, Connecticut**

**EPA Region I
Superfund Technical Assessment and
Response Team (START) III
Contract No. EP-W-05-042**

TDD Number: 09-03-0004
Created by: G. Hornok
Created on: 8 March 2007
Modified by: G. Hornok
Modified on: 31 December 2009

Data Sources:

Topos: MicroPath/USGS
Quad. Name(s): Middle Haddam, Middletown, CT
All other data: START



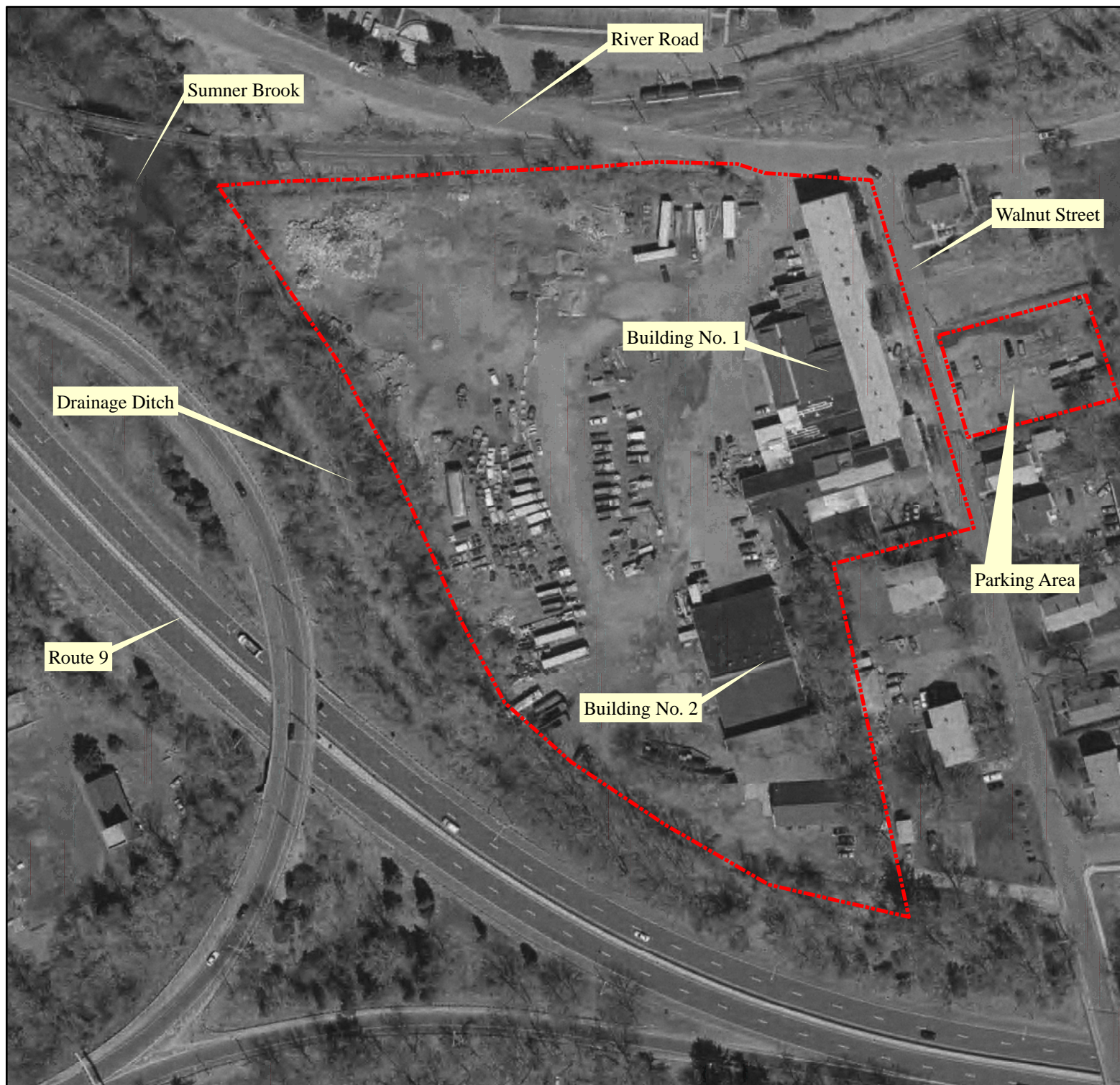


Figure 2

Site Map

**Omo Manufacturing Site
50 Walnut Street
Middletown, Connecticut**

**EPA Region I
Superfund Technical Assessment and
Response Team (START) III
Contract No. EP-W-05-042**

TDD Number: 09-03-0004

Created by: G. Hornok

Created on: 24 September 2009

Modified by: G. Hornok

Modified on: 31 December 2009

LEGEND

 Site Boundary

Base Aerial Photograph (2004) is used for reference purposes only to approximate locations of storage items and does not indicate current site conditions.



0 25 50 100 150 200
Feet

Data Sources:

Imagery: CT CLEAR

Base Aerial Photograph from the State of
Connecticut 2004 Statewide Aerial Survey
All other data: START





Figure 3
Surface Soil Sample Location Map

Omo Manufacturing Site
50 Walnut Street
Middletown, Connecticut

EPA Region I
Superfund Technical Assessment and
Response Team (START) III
Contract No. EP-W-05-042

TDD Number: 09-03-0004
Created by: G. Hornok
Created on: 30 March 2010
Modified by:
Modified on:

LEGEND

- Area of Investigation 1**
- Area of Investigation 2**
- Area of Investigation 3**
- Site Boundary**
- ▲ **Surface Soil Sample**

Base Aerial Photograph (2004) is used for reference purposes only to approximate locations of storage items and does not indicate current site conditions.



0 25 50 100 150
Feet

Data Sources:

Imagery: CT CLEAR
Base Aerial Photograph from the State of Connecticut 2004 Statewide Aerial Survey
All other data: START





Figure 4a
PCB Exceedances
Northern Portion of Site
Omo Manufacturing Site
50 Walnut Street
Middletown, Connecticut

EPA Region I
Superfund Technical Assessment and
Response Team (START) III
Contract No. EP-W-05-042
TDD Number: 09-03-0004
Created by: G. Hornok
Created on: 11 December 2009
Modified by: G. Hornok
Modified on: 5 March 2010

LEGEND

- Area of Investigation 1**
- Area of Investigation 2**
- Area of Investigation 3**
- Site Boundary**
- ▲ **Surface Soil Sample**

Base Aerial Photograph (2004) is used for reference purposes only to approximate locations of storage items and does not indicate current site conditions.



0 12.5 25 50 75 Feet

Data Sources:

Imagery: CT CLEAR
 Base Aerial Photograph from the State of Connecticut 2004 Statewide Aerial Survey
 All other data: START





Figure 4b
PCB Exceedances
Southern Portion of Site
Omo Manufacturing Site
50 Walnut Street
Middletown, Connecticut

EPA Region I
Superfund Technical Assessment and
Response Team (START) III
Contract No. EP-W-05-042
TDD Number: 09-03-0004
Created by: G. Hornok
Created on: 11 December 2009
Modified by: R.Sharp
Modified on: 16 February 2010

LEGEND

- Area of Investigation 1**
- Area of Investigation 2**
- Area of Investigation 3**
- Site Boundary**
- ▲ **Surface Soil Sample**

Base Aerial Photograph (2004) is used for reference purposes only to approximate locations of storage items and does not indicate current site conditions.



0 12.5 25 50
 Feet

Data Sources:

Imagery: CT CLEAR
 Base Aerial Photograph from the State of Connecticut 2004 Statewide Aerial Survey
 All other data: START



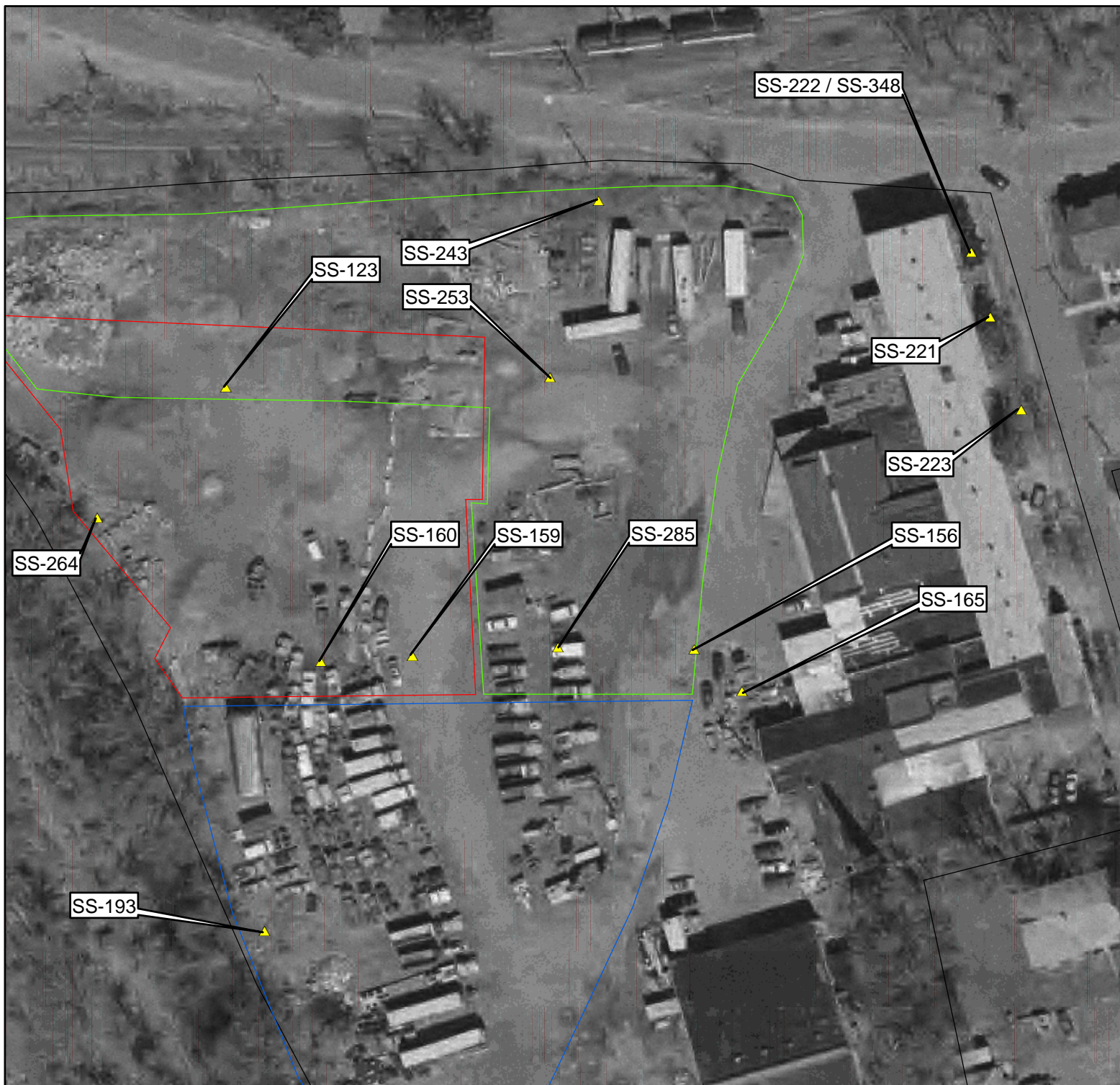


Figure 5
Arsenic Exceedances
Omo Manufacturing Site
50 Walnut Street
Middletown, Connecticut

EPA Region I
Superfund Technical Assessment and
Response Team (START) III
Contract No. EP-W-05-042
TDD Number: 09-03-0004
Created by: G. Hornok
Created on: 11 December 2009
Modified by: G. Hornok
Modified on: 5 March 2010

- LEGEND**
- Area of Investigation 1
 - Area of Investigation 2
 - Area of Investigation 3
 - Site Boundary
 - ▲ Surface Soil Sample

Base Aerial Photograph (2004) is used for reference purposes only to approximate locations of storage items and does not indicate current site conditions.



0 12.5 25 50 75 100 125 Feet

Data Sources:
 Imagery: CT CLEAR
 Base Aerial Photograph from the State of Connecticut 2004 Statewide Aerial Survey
 All other data: START



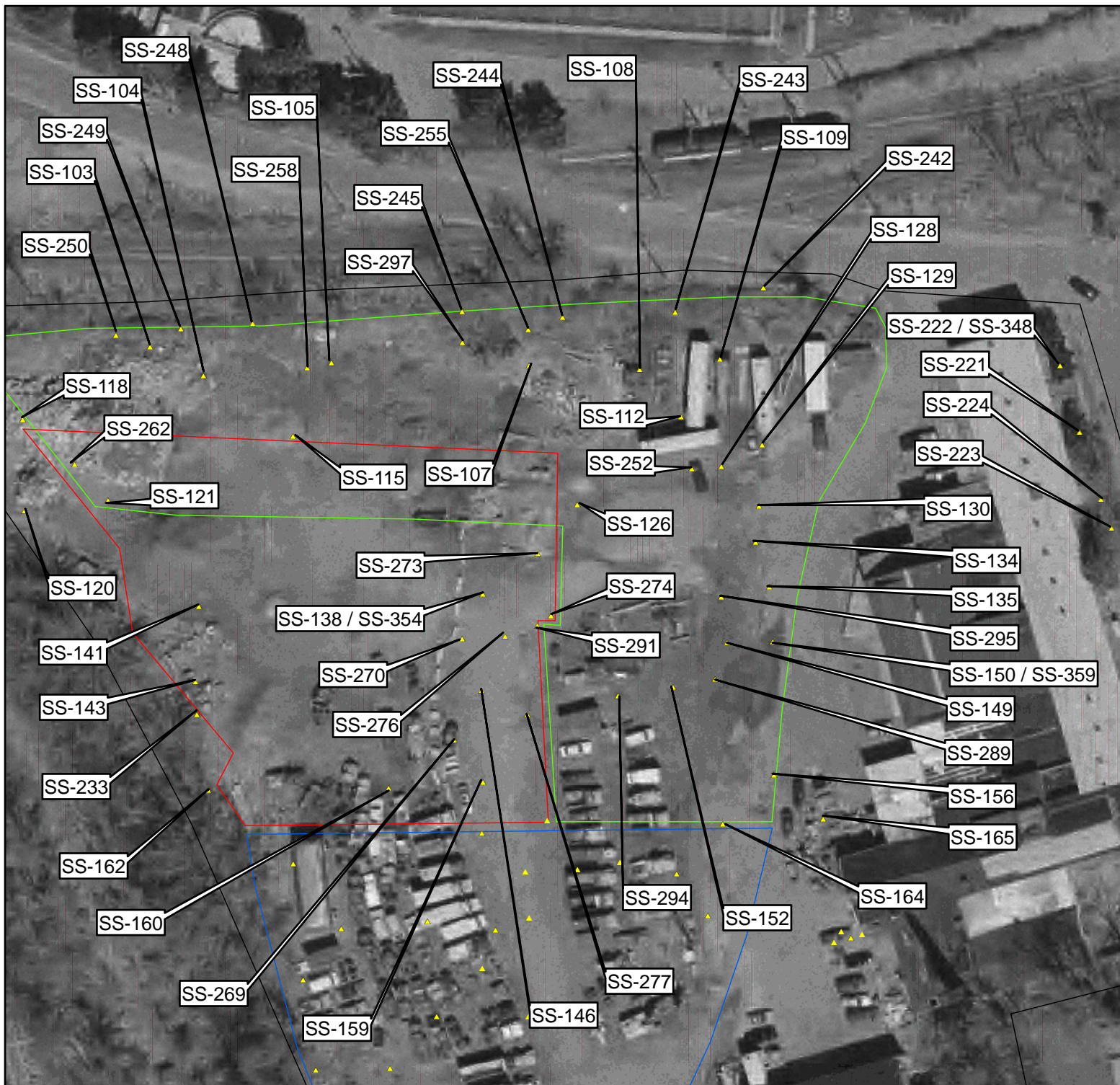


Figure 6a
SVOC Exceedances
Northern Portion of Site
Omo Manufacturing Site
50 Walnut Street
Middletown, Connecticut

**EPA Region I
Superfund Technical Assessment and
Response Team (START) III
Contract No. EP-W-05-042**

TDD Number: 09-03-0004

Created by: G. Hornok

Created on: 11 December 2009

Modified by: R.Sharp

Modified on: 16 February 2010

LEGEND

Area of Investigation 1

Area of Investigation 2

Area of Investigation 3

 **Site Boundary**

▲ **Surface Soil Sample**

Base Aerial Photograph (2004) is used for reference purposes only to approximate locations of storage items and does not indicate current site conditions.

**Data Sources:**

Imagery: CT CLEAR

Base Aerial Photograph from the State of
Connecticut 2004 Statewide Aerial Survey
All other data: START





Figure 6b
SVOC Exceedances
Southern Portion of Site
Omo Manufacturing Site
50 Walnut Street
Middletown, Connecticut

EPA Region I
Superfund Technical Assessment and
Response Team (START) III
Contract No. EP-W-05-042

TDD Number: 09-03-0004
Created by: G. Hornok
Created on: 11 December 2009
Modified by: R.Sharp
Modified on: 16 February 2010

LEGEND

- ▲ **Surface Soil Sample**
- Area of Investigation 1**
- Area of Investigation 2**
- Area of Investigation 3**
- Site Boundary**

Base Aerial Photograph (2004) is used for reference purposes only to approximate locations of storage items and does not indicate current site conditions.



Data Sources:

Imagery: CT CLEAR
 Base Aerial Photograph from the State of Connecticut 2004 Statewide Aerial Survey
 All other data: START



Attachment B

Chain-of-Custody Record

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USEPA Site Assessment Program

Cooler Number EPAPAT001

Organic Traffic Report & Chain of Custody Record

Date Shipped:	12/1/2009	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only
Carrier Name:	FedEx	Relinquished By	(Date / Time)	Received By	(Date / Time)
Airbill:	867379987684	1 <i>[Signature]</i>	12/1/09 18:00 ks		
Shipped to:	Mitekem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400	2			
		3			
		4			

Case No: 39296

DAS No:

SDG No:

L

For Lab Use Only

Lab Contract No:

Unit Price:

Transfer To:

Lab Contract No:

Unit Price:

FOR LAB USE ONLY
Sample Condition On ReceiptINORGANIC
SAMPLE No.SAMPLE COLLECT
DATE/TIMESTATION
LOCATIONTAG No./
PRESERVATIVE/ BottlesANALYSIS/
TURNAROUNDCONC/
TYPEORGANIC
SAMPLE No.

MA1ZY1

1 (CH3OH), 2 (CH3OH), 3
(Ice Only) (3)% Solid (14), VOC
(14)

Soil (0"-24")

M/G

A1ZY1

MA1ZY2

10 (CH3OH), 11 (Ice Only),
9 (CH3OH) (3)% Solid (14), VOC
(14)

Soil (0"-24")

M/G

A1ZY2

MA1ZY5

21 (CH3OH), 22 (CH3OH),
23 (Ice Only) (3)% Solid (14), VOC
(14)

Soil (0"-24")

M/G

A1ZY5

MA1ZY8

32 (CH3OH), 33 (CH3OH),
34 (Ice Only) (3)% Solid (14), VOC
(14)

Soil (0"-24")

M/G

A1ZY8

MA1ZZ1

44 (CH3OH), 45 (CH3OH),
46 (Ice Only) (3)% Solid (14), VOC
(14)

Soil (0"-24")

M/G

A1ZZ1

MA1ZZ4

55 (CH3OH), 56 (CH3OH),
57 (Ice Only) (3)% Solid (14), VOC
(14)

Soil (0"-24")

M/G

A1ZZ4

MA1ZZ5

62 (CH3OH), 63 (CH3OH),
64 (Ice Only) (3)% Solid (14), VOC
(14)

Soil (0"-24")

M/G

A1ZZ5

MA1ZZ6

70 (CH3OH), 71 (CH3OH),
72 (Ice Only) (3)% Solid (14), VOC
(14)

Soil (0"-24")

M/G

A1ZZ6

MA1ZZ7

78 (CH3OH), 79 (CH3OH),
80 (CH3OH), 81 (CH3OH),
82 (CH3OH), 83 (CH3OH),
84 (Ice Only) (7)% Solid (14), VOC
(14)

Soil (0"-24")

M/G

A1ZZ7

MA1ZZ9

91 (CH3OH), 92 (CH3OH),
93 (Ice Only) (3)% Solid (14), VOC
(14)

Soil (0"-24")

M/G

A1ZZ9

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: A1ZZ7, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: % Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? —	Shipment Iced? —

TR Number: 1-581445056-120109-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY



USEPA Site Assessment Program

Cooler Number: EPAPAT001

Organic Traffic Report & Chain of Custody Record

Date Shipped:	12/1/2009	Chain of Custody Record		Sampler Signature: <i>M. Quinn</i>	For Lab Use Only
Carrier Name:	FedEx	Relinquished By	(Date / Time)	Received By	(Date / Time)
Airbill:	867379987684	1 <i>M. Quinn</i>	12/1/09 1600 hr		
Shipped to:	Mitkem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400	2			
		3			
		4			

Case No:	39296
DAS No:	
SDG No:	
For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2001	Soil (0"-24")	M/G	% Solid (14), VOC (14)	101 (CH3OH), 102 (CH3OH), 103 (Ice Only) (3)	SS-118	S: 11/30/2009 10:40	MA2001	
A2004	Soil (0"-24")	M/G	% Solid (14), VOC (14)	113 (CH3OH), 114 (CH3OH), 115 (Ice Only) (3)	SS-121	S: 11/30/2009 11:30	MA2004	
A2006	Soil (0"-24")	M/G	% Solid (14), VOC (14)	122 (CH3OH), 123 (CH3OH), 124 (Ice Only) (3)	SS-123	S: 11/30/2009 11:40	MA2006	
A2007	Soil (0"-24")	M/G	% Solid (14), VOC (14)	130 (CH3OH), 131 (CH3OH), 132 (Ice Only) (3)	SS-124	S: 11/30/2009 11:50	MA2007	
A2008	Soil (0"-24")	M/G	% Solid (14), VOC (14)	138 (CH3OH), 139 (CH3OH), 140 (Ice Only) (3)	SS-125	S: 11/30/2009 13:30	MA2008	
A2010	Soil (0"-24")	M/G	% Solid (14), VOC (14)	147 (CH3OH), 148 (CH3OH), 149 (Ice Only) (3)	SS-127	S: 11/30/2009 11:25	MA2010	
A2016	Soil (0"-24")	M/G	% Solid (14), VOC (14)	164 (CH3OH), 165 (CH3OH), 166 (Ice Only) (3)	SS-133	S: 11/30/2009 10:50	MA2016	
A2017	Soil (0"-24")	M/G	% Solid (14), VOC (14)	172 (CH3OH), 173 (CH3OH), 174 (Ice Only) (3)	SS-134	S: 11/30/2009 10:15	MA2017	
A2021	Soil (0"-24")	M/G	% Solid (14), VOC (14)	185 (CH3OH), 186 (CH3OH), 187 (Ice Only) (3)	SS-138	S: 11/30/2009 15:00	MA2021	
A2023	Soil (0"-24")	M/G	% Solid (14), VOC (14)	194 (CH3OH), 195 (CH3OH), 196 (Ice Only) (3)	SS-140	S: 11/30/2009 15:20	MA2023	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ7, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: % Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Shipment Iced? —

TR Number: 1-581445056-120109-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY



USEPA Site Assessment Program

Case Number: EPAPAT001

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Airbill: 867379987684	Shipped to: Milkem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400	Chain of Custody Record	Sampler Signature: <i>[Signature]</i>	Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>	(Date / Time)
1	<i>[Signature]</i>	12/1/09	1600					
2								
3								
4								

Case No: 39296	FOR LAB USE ONLY
DAS No:	Sample Condition On Receipt
SDG No:	
For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.
A2027	Soil (0"-24")	M/G	% Solid (14), VOC (14)	219 (CH3OH), 220 (CH3OH), 221 (Ice Only) (3)	SS-144	S: 11/30/2009 14:10	MA2027
A2031	Soil (0"-24")	M/G	% Solid (14), VOC (14)	233 (CH3OH), 234 (CH3OH), 235 (Ice Only) (3)	SS-148	S: 12/1/2009 8:45	MA2031
A2032	Soil (0"-24")	M/G	% Solid (14), VOC (14)	240 (CH3OH), 241 (CH3OH), 242 (CH3OH), 243 (CH3OH), 244 (CH3OH), 245 (CH3OH), 246 (Ice Only) (7)	SS-149	S: 11/30/2009 10:30	MA2032
A2035	Soil (0"-24")	M/G	% Solid (14), VOC (14)	261 (CH3OH), 262 (CH3OH), 263 (Ice Only) (3)	SS-152	S: 11/30/2009 15:30	MA2035
A2039	Soil (0"-24")	M/G	% Solid (14), VOC (14)	275 (CH3OH), 276 (CH3OH), 277 (Ice Only) (3)	SS-156	S: 12/1/2009 10:30	MA2039
A2040	Soil (0"-24")	M/G	% Solid (14), VOC (14)	283 (CH3OH), 284 (CH3OH), 285 (Ice Only) (3)	SS-157	S: 11/30/2009 15:40	MA2040
A2042	Soil (0"-24")	M/G	% Solid (14), VOC (14)	292 (CH3OH), 293 (CH3OH), 294 (Ice Only) (3)	SS-159	S: 11/30/2009 15:45	MA2042
A2043	Soil (0"-24")	M/G	% Solid (14), VOC (14)	300 (CH3OH), 301 (CH3OH), 302 (Ice Only) (3)	SS-160	S: 11/30/2009 15:40	MA2043
A2044	Soil (0"-24")	M/G	% Solid (14), VOC (14)	308 (CH3OH), 309 (CH3OH), 310 (Ice Only) (3)	SS-161	S: 12/1/2009 9:10	MA2044
A2045	Soil (0"-24")	M/G	% Solid (14), VOC (14)	315 (CH3OH), 316 (CH3OH), 317 (Ice Only) (3)	SS-162	S: 12/1/2009 9:20	MA2045

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ7, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: % Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? —	Shipment Iced? —

TR Number: 1-581445056-120109-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY



USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped:	12/1/2009	Relinquished By	(Date / Time)	Signature: <i>Am G m</i>	(Date / Time)
Carrier Name:	FedEx	1	<i>Am G m</i>	12/1/09 1800	
Airbill:	867379987684	2			
Shipped to:	Mikem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400	3			
		4			

Cooler Number: EPAPAT001

Case No:	39296
DAS No:	
SDG No:	
For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2046	Soil (0"-24")	M/G	% Solid (14), VOC (14)	323 (CH3OH), 324 (CH3OH), 325 (Ice Only) (3)	SS-163	S: 12/1/2009	MA2046	
A2048	Soil (0"-24")	M/G	% Solid (14), VOC (14)	333 (CH3OH), 334 (CH3OH), 335 (Ice Only) (3)	SS-165	S: 12/1/2009	MA2048	
A2051	Soil (0"-24")	M/G	% Solid (14), VOC (14)	344 (CH3OH), 345 (CH3OH), 346 (Ice Only) (3)	SS-168	S: 12/1/2009	MA2051	
A2053	Soil (0"-24")	M/G	% Solid (14), VOC (14)	353 (CH3OH), 354 (CH3OH), 355 (Ice Only) (3)	SS-170	S: 12/1/2009	MA2053	
A2057	Soil (0"-24")	M/G	% Solid (14), VOC (14)	366 (CH3OH), 367 (CH3OH), 368 (Ice Only) (3)	SS-174	S: 12/1/2009	MA2057	
A2058	Soil (0"-24")	M/G	% Solid (14), VOC (14)	374 (CH3OH), 375 (CH3OH), 376 (Ice Only) (3)	SS-175	S: 12/1/2009	MA2058	
A2063	Soil (0"-24")	M/G	% Solid (14), VOC (14)	400 (CH3OH), 401 (CH3OH), 402 (Ice Only) (3)	SS-180	S: 12/1/2009	MA2063	
A20P3	Soil (0"-24")	M/G	% Solid (14), VOC (14)	698 (CH3OH), 699 (CH3OH), 700 (Ice Only) (3)	SS-350	S: 11/30/2009	MA20P3	
A20P7	Soil (0"-24")	M/G	% Solid (14), VOC (14)	713 (CH3OH), 714 (CH3OH), 715 (Ice Only) (3)	SS-354	S: 11/30/2009	MA20P7	
A20P8	Soil (0"-24")	M/G	% Solid (14), VOC (14)	720 (CH3OH), 721 (CH3OH), 722 (Ice Only) (3)	SS-355	S: 11/30/2009	MA20P8	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ7, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: % Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? <input type="checkbox"/> Shipment Iced? <input type="checkbox"/>

TR Number: 1-581445056-120109-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY



USEPA Site Assessment Program

Case Number: EPA-PA-T-001

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Airbill: 867379987684	Shipped to: Milkem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400
Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>[Signature]</i>	12/1/09 1:00		
2			
3			
4			

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20R6	Field QC	M/G	VOC (14)	743 (CH3OH) (1)	PB-01	S: 11/30/2009 7:00		
A20R7	Trip Blank	M/G	VOC (14)	744 (CH3OH), 745 (CH3OH), 746 (CH3OH) (3)	TB-01	S: 11/30/2009 7:00		
A20S2	Rinsate Blank	M/G	VOC (14)	759 (HCL), 760 (HCL), 761 (HCL) (3)	RB-01	S: 11/30/2009 15:05	MA20S2	
A20S3	Rinsate Blank	M/G	VOC (14)	770 (HCL), 771 (HCL), 772 (HCL) (3)	RB-02	S: 12/1/2009 11:30	MA20S3	
A20S7	PE Soil	M/G	VOC (14)	814 (CH3OH) (1)	PE-SRS0188	S: 11/30/2009 7:00		
A20S8	PE Soil	M/G	VOC (14)	815 (CH3OH) (1)	PE-SRS0189	S: 11/30/2009 7:00		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ7, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: % Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? —	Shipment Iced? —

TR Number: 1-581445056-120109-0003

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USEPA Site Assessment Program

Cooler Numbers: EPA CECT509
EPA G4004

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522090	Shipped to: Milkem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400
Chain of Custody Record		Relinquished By: <i>fu a m</i>	Sampler Signature: <i>fu a m</i>
		(Date / Time) 12/3/09 18:05	(Date / Time)
1			
2			
3			
4			

Case No: 39296	FOR LAB USE ONLY
DAS No:	SAMPLE No.
SDG No:	Sample Condition On Receipt
For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	PRESERVATIVE/ Bottles	TAG No./	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2024	Soil (0"-24")	M/G	% Solid (14), VOC (14)	201 (CH3OH), 202 (CH3OH), 203 (Ice Only) (3)	SS-141	S: 12/1/2009 8:30	MA2024		
A2025	Soil (0"-24")	M/G	% Solid (14), VOC (14)	209 (CH3OH), 210 (CH3OH), 211 (Ice Only) (3)	SS-142	S: 12/1/2009 8:55	MA2025		
A2034	Soil (0"-24")	M/G	% Solid (14), VOC (14)	254 (CH3OH), 255 (CH3OH), 256 (Ice Only) (3)	SS-151	S: 12/1/2009 10:25	MA2034		
A2061	Soil (0"-24")	M/G	% Solid (14), VOC (14)	385 (CH3OH), 386 (CH3OH), 387 (Ice Only) (3)	SS-178	S: 12/1/2009 12:40	MA2061		
A2062	Soil (0"-24")	M/G	% Solid (14), VOC (14)	392 (CH3OH), 393 (CH3OH), 394 (Ice Only) (3)	SS-179	S: 12/1/2009 15:05	MA2062		
A2065	Soil (0"-24")	M/G	% Solid (14), VOC (14)	409 (CH3OH), 410 (CH3OH), 411 (Ice Only) (3)	SS-182	S: 12/1/2009 12:30	MA2065		
A2068	Soil (0"-24")	M/G	% Solid (14), VOC (14)	421 (CH3OH), 422 (CH3OH), 423 (Ice Only) (3)	SS-185	S: 12/1/2009 12:38	MA2068		
A2070	Soil (0"-24")	M/G	% Solid (14), VOC (14)	431 (CH3OH), 432 (CH3OH), 433 (Ice Only) (3)	SS-187	S: 12/1/2009 10:40	MA2070		
A2072	Soil (0"-24")	M/G	% Solid (14), VOC (14)	441 (CH3OH), 442 (CH3OH), 443 (Ice Only) (3)	SS-189	S: 12/1/2009 10:55	MA2072		
A2077	Soil (0"-24")	M/G	% Solid (14), VOC (14)	455 (CH3OH), 457 (CH3OH), 458 (CH3OH), 459 (CH3OH), 460 (CH3OH), 461 (CH3OH), 462 (Ice Only) (7)	SS-194	S: 12/1/2009 13:50	MA2077		

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: % Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? —	Shipment Iced? —

R Number: 1-581445056-120309-0001

R provides preliminary results. Requests for preliminary results will increase analytical costs. End Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA, 20151-3819 Phone 703/818-4200; Fax 703/818-4602



USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522090	Shipped to: Milkem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400
Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only
Relinquished By: <i>[Signature]</i>	(Date / Time) 12/3/09 18:00	Received By: <i>[Signature]</i>	Lab Contract No:
1			Unit Price:
2			Transfer To:
3			Lab Contract No:
4			Unit Price:

Case No: 39296
DAS No:
SDG No:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2078	Soil (0"-24")	M/G	% Solid (14), VOC (14)	468 (CH3OH), 469 (CH3OH), 470 (Ice Only) (3)	SS-195	S: 12/1/2009	MA2078	
A2083	Soil (0"-24")	M/G	% Solid (14), VOC (14)	483 (CH3OH), 484 (CH3OH), 485 (Ice Only) (3)	SS-200	S: 12/1/2009	MA2083	
A2085	Soil (0"-24")	M/G	% Solid (14), VOC (14)	492 (CH3OH), 494 (Ice Only) (2)	SS-202	S: 12/1/2009	MA2085	
A2086	Soil (0"-24")	M/G	% Solid (14), VOC (14)	499 (CH3OH), 500 (CH3OH), 501 (Ice Only) (3)	SS-203	S: 12/1/2009	MA2086	
A2087	Soil (0"-24")	M/G	% Solid (14), VOC (14)	506 (CH3OH), 507 (CH3OH), 508 (Ice Only) (3)	SS-204	S: 12/1/2009	MA2087	
A2089	Soil (0"-24")	M/G	% Solid (14), VOC (14)	516 (CH3OH), 517 (CH3OH), 518 (Ice Only) (3)	SS-206	S: 12/1/2009	MA2089	
A2092	Soil (0"-24")	M/G	% Solid (14), VOC (14)	528 (CH3OH), 529 (CH3OH), 530 (CH3OH), 531 (CH3OH), 532 (CH3OH), 533 (CH3OH), 534 (Ice Only) (7)	SS-209	S: 12/1/2009	MA2092	
A2095	Soil (0"-24")	M/G	% Solid (14), VOC (14)	543 (CH3OH), 544 (CH3OH), 545 (Ice Only) (3)	SS-212	S: 12/2/2009	MA2095	
A2096	Soil (0"-24")	M/G	% Solid (14), VOC (14)	550 (CH3OH), 551 (CH3OH), 552 (Ice Only) (3)	SS-213	S: 12/2/2009	MA2096	
A2097	Soil (0"-24")	M/G	% Solid (14), VOC (14)	557 (CH3OH), 558 (CH3OH), 559 (Ice Only) (3)	SS-214	S: 12/2/2009	MA2097	

Shipment for Case Completed? Y	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: % Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

R Number: 1-581445056-120309-0001

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522090	Shipped to: Milkem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400
Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	Reinforced By (Date / Time)
1 <i>[Signature]</i>		12/3/09 1800h	(Date / Time)
2 <i>[Signature]</i>			
3 <i>[Signature]</i>			
4 <i>[Signature]</i>			

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	PRESERVATIVE/ Bottles	TAG No./	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20A4	Soil (0"-24")	M/G	% Solid (14), VOC (14)	582 (CH3OH), 583 (CH3OH), 584 (Ice Only) (3)	SS-221	S: 12/2/2009	8:10	MA20A4	
A20A5	Soil (0"-24")	M/G	% Solid (14), VOC (14)	589 (CH3OH), 590 (CH3OH), 591 (Ice Only) (3)	SS-222	S: 12/2/2009	8:20	MA20A5	
A20A6	Soil (0"-24")	M/G	% Solid (14), VOC (14)	597 (CH3OH), 598 (CH3OH), 599 (Ice Only) (3)	SS-223	S: 12/2/2009	8:05	MA20A6	
A20A8	Soil (0"-24")	M/G	% Solid (14), VOC (14)	607 (CH3OH), 608 (CH3OH), 609 (Ice Only) (3)	SS-225	S: 12/2/2009	8:45	MA20A8	
A20B0	Soil (0"-24")	M/G	% Solid (14), VOC (14)	616 (CH3OH), 617 (CH3OH), 618 (Ice Only) (3)	SS-227	S: 12/2/2009	9:00	MA20B0	
A20B2	Soil (0"-24")	M/G	% Solid (14), VOC (14)	626 (CH3OH), 627 (CH3OH), 628 (Ice Only) (3)	SS-229	S: 12/2/2009	8:55	MA20B2	
A20B4	Soil (0"-24")	M/G	% Solid (14), VOC (14)	636 (CH3OH), 637 (CH3OH), 638 (Ice Only) (3)	SS-231	S: 12/2/2009	9:05	MA20B4	
A20B5	Soil (0"-24")	M/G	% Solid (14), VOC (14)	643 (CH3OH), 644 (CH3OH), 645 (Ice Only) (3)	SS-232	S: 12/2/2009	9:10	MA20B5	
A20B9	Soil (0"-24")	M/G	% Solid (14), VOC (14)	657 (CH3OH), 658 (CH3OH), 659 (Ice Only) (3)	SS-236	S: 12/2/2009	10:30	MA20B9	
A20C0	Soil (0"-24")	M/G	% Solid (14), VOC (14)	665 (CH3OH), 666 (CH3OH), 667 (Ice Only) (3)	SS-237	S: 12/2/2009	15:25	MA20C0	

Shipment for Case Complete Y	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: % Solid = Percent Solids, VOC = VOA, SOMD1.2, Mod. 1848.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

R Number: 1-581445056-120309-0001

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USEPA Site Assessment Program

Case No:	39296
DAS No:	
SDG No:	

For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

Organic Traffic Report & Chain of Custody Record

Date Shipped:	12/3/2009	Sampler Signature:	
Carrier Name:	FedEx	Received By:	
Alrbill:	870967522090	(Date / Time)	(Date / Time)
Shipped to:	Mikern Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400	1	12/3/09 12:00
		2	
		3	
		4	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20C1	Soil (0"-24")	M/G	% Solid (14), VOC (14)	672 (CH3OH), 673 (CH3OH), 674 (Ice Only) (3)	SS-238	S: 12/2/2009 15:30	MA20C1	
A20C3	Soil (0"-24")	M/G	% Solid (14), VOC (14)	858 (CH3OH), 859 (CH3OH), 860 (Ice Only) (3)	SS-240	S: 12/2/2009 13:40	MA20C3	
A20C4	Soil (0"-24")	M/G	% Solid (14), VOC (14)	866 (CH3OH), 867 (CH3OH), 868 (Ice Only) (3)	SS-241	S: 12/2/2009 13:30	MA20C4	
A20C5	Soil (0"-24")	M/G	% Solid (14), VOC (14)	874 (CH3OH), 875 (CH3OH), 876 (Ice Only) (3)	SS-242	S: 12/2/2009 13:00	MA20C5	
A20C7	Soil (0"-24")	M/G	% Solid (14), VOC (14)	884 (CH3OH), 885 (CH3OH), 886 (Ice Only) (3)	SS-244	S: 12/2/2009 14:30	MA20C7	
A20D0	Soil (0"-24")	M/G	% Solid (14), VOC (14)	895 (CH3OH), 896 (CH3OH), 897 (Ice Only) (3)	SS-247	S: 12/2/2009 14:50	MA20D0	
A20D2	Soil (0"-24")	M/G	% Solid (14), VOC (14)	904 (CH3OH), 905 (CH3OH), 906 (Ice Only) (3)	SS-249	S: 12/2/2009 14:35	MA20D2	
A20D4	Soil (0"-24")	M/G	% Solid (14), VOC (14)	913 (CH3OH), 914 (CH3OH), 915 (Ice Only) (3)	SS-251	S: 12/2/2009 13:12	MA20D4	
A20D5	Soil (0"-24")	M/G	% Solid (14), VOC (14)	920 (CH3OH), 921 (CH3OH), 922 (CH3OH), 923 (CH3OH), 924 (CH3OH), 925 (CH3OH), 926 (Ice Only) (7)	SS-252	S: 12/2/2009 12:00	MA20D5	
A20D7	Soil (0"-24")	M/G	% Solid (14), VOC (14)	934 (CH3OH), 935 (CH3OH), 936 (Ice Only) (3)	SS-254	S: 12/2/2009 11:50	MA20D7	

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? —	Shipment Iced? —
% Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0				

IR Number: 1-581445056-120309-0001

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Alrbill: 870967522090	Shipped to: Milkem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400
Chain of Custody Record			
Relinquished By	(Date / Time)	Sampler Signature	Received By (Date / Time)
1 <i>[Signature]</i>	12/3/09 16:43	<i>[Signature]</i>	<i>[Signature]</i>
2 <i>[Signature]</i>			
3 <i>[Signature]</i>			
4 <i>[Signature]</i>			

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20E0	Soil (0"-24")	M/G	% Solid (14), VOC (14)	945 (CH3OH), 946 (CH3OH), 947 (Ice Only) (3)	SS-257	S: 12/2/2009 14:50	MA20E0	
A20E2	Soil (0"-24")	M/G	% Solid (14), VOC (14)	955 (CH3OH), 956 (CH3OH), 957 (Ice Only) (3)	SS-259	S: 12/2/2009 12:05	MA20E2	
A20E3	Soil (0"-24")	M/G	% Solid (14), VOC (14)	962 (CH3OH), 963 (CH3OH), 964 (Ice Only) (3)	SS-260	S: 12/2/2009 14:25	MA20E3	
A20E4	Soil (0"-24")	M/G	% Solid (14), VOC (14)	969 (CH3OH), 970 (CH3OH), 971 (Ice Only) (3)	SS-261	S: 12/2/2009 14:15	MA20E4	
A20E6	Soil (0"-24")	M/G	% Solid (14), VOC (14)	979 (CH3OH), 980 (CH3OH), 981 (Ice Only) (3)	SS-263	S: 12/2/2009 14:00	MA20E6	
A20E8	Soil (0"-24")	M/G	% Solid (14), VOC (14)	988 (CH3OH), 989 (CH3OH), 990 (Ice Only) (3)	SS-265	S: 12/2/2009 13:55	MA20E8	
A20F0	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1000 (Ice Only), 998 (CH3OH), 999 (CH3OH) (3)	SS-267	S: 12/2/2009 13:45	MA20F0	
A20F2	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1007 (CH3OH), 1008 (CH3OH), 1009 (Ice Only) (3)	SS-269	S: 12/2/2009 13:25	MA20F2	
A20F3	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1014 (CH3OH), 1015 (CH3OH), 1016 (Ice Only) (3)	SS-270	S: 12/2/2009 11:00	MA20F3	
A20F5	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1024 (CH3OH), 1025 (CH3OH), 1026 (Ice Only) (3)	SS-272	S: 12/3/2009 9:30	MA20F5	

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: % Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? <input type="checkbox"/> Shipment Iced? <input type="checkbox"/>

R Number: 1-581445056-120309-0001

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522090	Shipped to: Milkem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400
Chain of Custody Record		Sampler Signature: <i>mu gon</i>	For Lab Use Only
Relinquished By	(Date / Time)	Received By	Lab Contract No:
1 <i>mu gon</i>	12/3/09 1:00pm		Unit Price:
2			Transfer To:
3			Lab Contract No:
4			Unit Price:

Case No: 39296

DAS No:

SDG No:

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ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20F6	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1031 (CH3OH), 1032 (CH3OH), 1033 (Ice Only) (3)	SS-273	S: 12/2/2009 11:00	MA20F6	
A20F8	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1041 (CH3OH), 1042 (CH3OH), 1043 (Ice Only) (3)	SS-275	S: 12/2/2009 10:40	MA20F8	
A20F9	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1048 (CH3OH), 1049 (CH3OH), 1050 (Ice Only) (3)	SS-276	S: 12/2/2009 11:10	MA20F9	
A20G0	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1056 (CH3OH), 1057 (CH3OH), 1058 (Ice Only) (3)	SS-277	S: 12/2/2009 10:30	MA20G0	
A20G1	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1063 (CH3OH), 1064 (CH3OH), 1065 (Ice Only) (3)	SS-278	S: 12/2/2009 10:25	MA20G1	
A20G3	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1072 (CH3OH), 1073 ³ (CH3OH), 1074 (Ice Only) (3)	SS-280	S: 12/2/2009 10:50	MA20G3	
A20G5	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1082 (CH3OH), 1083 (CH3OH), 1084 (CH3OH), 1085 (CH3OH), 1086 (CH3OH), 1087 (CH3OH), 1088 (Ice Only) (7)	SS-282	S: 12/2/2009 13:15	MA20G5	
A20G7	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1095 (CH3OH), 1096 (CH3OH), 1097 (Ice Only) (3)	SS-284	S: 12/2/2009 13:25	MA20G7	
A20G8	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1103 (CH3OH), 1104 (CH3OH), 1105 (Ice Only) (3)	SS-285	S: 12/2/2009 13:10	MA20G8	

Shipment for Case Complete 7Y	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: % Solid = Percent Solids, VOC = VOA, SOMD1.2, Mod. 1849.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? <input type="checkbox"/> Shipment Iced? <input type="checkbox"/>

R Number: 1-581445056-120309-0001

R provides preliminary results. Requests for preliminary results will increase analytical costs.

end Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA, 20151-3819 Phone 703/818-4200; Fax 703/818-4602



USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Alrbill: 870967522090	Shipped to: Milkem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400
Chain of Custody Record		Sampler Signature: <i>M. G. R.</i>	For Lab Use Only
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>M. G. R.</i>	12/3/2009 12:00	<i>M. G. R.</i>	
2			
3			
4			

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20H0	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1112 (CH3OH), 1113 (CH3OH), 1114 (Ice Only) (3)	SS-287	S: 12/3/2009 9:48	MA20H0	
A20H1	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1120 (CH3OH), 1121 (CH3OH), 1122 (Ice Only) (3)	SS-288	S: 12/3/2009 10:00	MA20H1	
A20H3	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1129 (CH3OH), 1130 (CH3OH), 1131 (Ice Only) (3)	SS-290	S: 12/3/2009 9:17	MA20H3	
A20P1	Soil (0"-24")	M/G	% Solid (14), VOC (14)	682 (CH3OH), 683 (CH3OH), 684 (Ice Only) (3)	SS-348	S: 12/2/2009 8:20	MA20P1	
A20P2	Soil (0"-24")	M/G	% Solid (14), VOC (14)	690 (CH3OH), 691 (CH3OH), 692 (Ice Only) (3)	SS-349	S: 12/1/2009 15:05	MA20P2	
A20P4	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1157 (CH3OH), 1158 (CH3OH), 1159 (Ice Only) (3)	SS-351	S: 12/2/2009 13:40	MA20P4	
A20P5	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1165 (CH3OH), 1166 (CH3OH), 1167 (Ice Only) (3)	SS-352	S: 12/2/2009 14:50	MA20P5	
A20P6	Soil (0"-24")	M/G	% Solid (14), VOC (14)	706 (CH3OH), 707 (CH3OH), 708 (Ice Only) (3)	SS-353	S: 12/2/2009 9:20	MA20P6	
A20P9	Soil (0"-24")	M/G	% Solid (14), VOC (14)	1173 (CH3OH), 1174 (CH3OH), 1175 (Ice Only) (3)	SS-356	S: 12/3/2009 9:30	MA20P9	
A20R8	Trip Blank	M/G	VOC (14)	747 (HCL), 748 (HCL), 749 (HCL) (3)	TB-02	S: 12/30/2009 7:00		

Shipment for Case completed by	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? <input type="checkbox"/>
% Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0				

R Number: 1-581445056-120309-0001

provides preliminary results. Requests for preliminary results will increase analytical costs.

and Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602



USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Site Shipped: 12/3/2009
Iriller Name: FedEx
rblil: 870967522090
hipped to: Mitkem Corporation
175 Metro Center Blvd.
attn: Nathan Reynolds
Warwick RI 02886
(401) 732-3400

Chain of Custody Record	
Relinquished By	(Date / Time)
1 <i>MM 5/09</i>	12/3/09 18:00:15
2	
3	
4	

For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

Case No: 39296

DAS No:

SDG No:

L

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20R9	Trip Blank	M/G	VOC (14)	750 (HCL), 751 (HCL), 752 (HCL) (3)	TB-03	S: 11/30/2009 7:00		
A20S4	Rinsate Blank	M/G	VOC (14)	1180 (HCL), 1181 (HCL), 1182 (HCL) (3)	RB-03	S: 12/2/2009 14:00	MA20S4	
A20S9	PE Soil	M/G	VOC (14)	816 (CH3OH) (1)	PE-SRS0211	S: 11/30/2009 7:00		
A20T0	PE Soil	M/G	VOC (14)	817 (CH3OH) (1)	PE-SRS0212	S: 11/30/2009 7:00		
A20T1	PE Soil	M/G	VOC (14)	818 (CH3OH) (1)	PE-SRS0213	S: 11/30/2009 7:00		

Implement for Case complete by	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? — Shipment Iced? —
% Solid = Percent Solids, VOC = VOA, SOM01.2, Mod. 1849.0				

Run Number: 1-581445056-120309-0001

provides preliminary results. Requests for preliminary results will increase analytical costs. and Conu to Sample Management Office. 15000 Conference Center Dr., Chantilly, VA, 20151-3819 Phone 703/818-4200; Fax 703/818-4602



USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/7/2009		Carrier Name: Hand Deliver		Airbill:		Shipped to: Milkem Corporation 175 Metro Center Blvd. attn: Nathan Reynolds Warwick RI 02886 (401) 732-3400	
Relinquished By		(Date / Time)		Sampler Signature: <i>mu q m</i>		Received By (Date / Time)	
1 <i>mu q m</i>		12/7/09 1500		<i>mu q m</i>		12/7/09 1300	
2							
3							
4							

Case No:	39296
DAS No:	
SDG No:	L

For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	A20P0	MATRIX/ SAMPLER	PE Soil	CONC/ TYPE	M/G	ANALYSIS/ TURNAROUND	VOC (14)	TAG No./ PRESERVATIVE/ Bottles	1220 (CH3OH) (1)	STATION LOCATION	PE-SRS0191	SAMPLE COLLECT DATE/TIME	S: 12/7/2009 8:00	INORGANIC SAMPLE No.		FOR LAB USE ONLY Sample Condition On Receipt
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Shipment for Case Complete?	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: VOC ± VOA, SOM01.2, Mod. 1849.0	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? — Shipment Iced? —

TR Number: 1-581445056-120709-0001

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USEPA Site Assessment Program

Collector: EPA CI 002, EPA CI 005, EPA CI 003, EPA CI 004, EPA CI 003, EPA CI 004

Case No:	39296
DAS No:	
SDG No:	
For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

Organic Traffic Report & Chain of Custody Record

Date Shipped:	12/1/2009	Chain of Custody Record	Sampler Signature:
Carrier Name:	FedEx	Relinquished By	Received By
Airbill:	867379987629	1. <i>[Signature]</i>	(Date / Time)
Shipped to:	Datchem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	2. <i>[Signature]</i>	
		3. <i>[Signature]</i>	
		4. <i>[Signature]</i>	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNDOWN	PRESERVATIVE/ Bottles	TAG No./	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1ZY1	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	4 (Ice Only), 5 (Ice Only), 6 (Ice Only) (3)		AS-01	S: 11/30/2009	14:32	MA1ZY1
A1ZY2	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	12 (Ice Only), 13 (Ice Only), 14 (Ice Only) (3)		AS-02	S: 11/30/2009	14:41	MA1ZY2
A1ZY3	Soil (0"-24")	M/G	PCB (21), SVOC (21)	17 (Ice Only), 18 (Ice Only) (2)		SS-100	S: 11/30/2009	10:12	
A1ZY4	Soil (0"-24")	M/G	PCB (21), SVOC (21)	19 (Ice Only), 20 (Ice Only) (2)		SS-101	S: 11/30/2009	10:21	
A1ZY5	Soil (0"-24")	M/G	PCB (21), SVOC (21)	24 (Ice Only), 25 (Ice Only) (2)		SS-102	S: 11/30/2009	11:10	MA1ZY5
A1ZY6	Soil (0"-24")	M/G	PCB (21), SVOC (21)	28 (Ice Only), 29 (Ice Only) (2)		SS-103	S: 11/30/2009	11:40	
A1ZY7	Soil (0"-24")	M/G	PCB (21), SVOC (21)	30 (Ice Only), 31 (Ice Only) (2)		SS-104	S: 11/30/2009	12:06	
A1ZY8	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	35 (Ice Only), 36 (Ice Only), 37 (Ice Only) (3)		SS-105	S: 11/30/2009	13:40	MA1ZY8
A1ZY9	Soil (0"-24")	M/G	PCB (21), SVOC (21)	40 (Ice Only), 41 (Ice Only) (2)		SS-106	S: 11/30/2009	11:05	
A1ZZ0	Soil (0"-24")	M/G	PCB (21), SVOC (21)	42 (Ice Only), 43 (Ice Only) (2)		SS-107	S: 11/30/2009	11:15	

Shipment for Case Complete?	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	A1ZZ3, A1ZZ7, A2019, A2028, A2032			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact?	Shipment Iced?
PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2				

TR Number: 1-581445056-120109-0005

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Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Airbill: 867379987629	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Sampler Signature:	
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>[Signature]</i>	12/1/09 1800		
2			
3			
4			

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1ZZ1	Soil (0"-24")	M/G	PCB (21), SVOC (21)	47 (Ice Only), 48 (Ice Only) (2)	SS-108	S: 11/30/2009 15:05	MA1ZZ1	
A1ZZ2	Soil (0"-24")	M/G	PCB (21), SVOC (21)	51 (Ice Only), 52 (Ice Only) (2)	SS-109	S: 11/30/2009 15:30		
A1ZZ3	Soil (0"-24")	M/G	PCB (21), SVOC (21)	53 (Ice Only), 54 (Ice Only) (2)	SS-110	S: 11/30/2009 15:40		
A1ZZ4	Soil (0"-24")	M/G	PCB (21), SVOC (21)	58 (Ice Only), 59 (Ice Only) (2)	SS-111	S: 11/30/2009 13:30	MA1ZZ4	
A1ZZ5	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	65 (Ice Only), 66 (Ice Only), 67 (Ice Only) (3)	SS-112	S: 11/30/2009 14:44	MA1ZZ5	
A1ZZ6	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	73 (Ice Only), 74 (Ice Only), 75 (Ice Only) (3)	SS-113	S: 11/30/2009 11:40	MA1ZZ6	
A1ZZ7	Soil (0"-24")	M/G	PCB (21), SVOC (21)	85 (Ice Only), 86 (Ice Only) (2)	SS-114	S: 11/30/2009 14:00	MA1ZZ7	
A1ZZ8	Soil (0"-24")	M/G	PCB (21), SVOC (21)	89 (Ice Only), 90 (Ice Only) (2)	SS-115	S: 11/30/2009 14:15		
A1ZZ9	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	94 (Ice Only), 95 (Ice Only), 96 (Ice Only) (3)	SS-116	S: 11/30/2009 13:40	MA1ZZ9	
A2000	Soil (0"-24")	M/G	PCB (21), SVOC (21)	100 (Ice Only), 99 (Ice Only) (2)	SS-117	S: 11/30/2009 13:08		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ3, A1ZZ7, A2019, A2028, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? <input type="checkbox"/> Shipment Iced? <input type="checkbox"/>

IR Number: 1-581445056-120109-0005

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Airbill: 867379987629	Relinquished By: <i>Emily Bob</i>	Received By: <i>Emily Bob</i>
	(Date / Time) 12/1/09 1800	(Date / Time)

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNDOWN	TAGNO/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2001	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	104 (Ice Only), 105 (Ice Only), 106 (Ice Only) (3)	SS-118	S: 11/30/2009 10:40	MA2001	
A2002	Soil (0"-24")	M/G	PCB (21), SVOC (21)	109 (Ice Only), 110 (Ice Only) (2)	SS-119	S: 11/30/2009 10:32		
A2003	Soil (0"-24")	M/G	PCB (21), SVOC (21)	111 (Ice Only), 112 (Ice Only) (2)	SS-120	S: 11/30/2009 11:00		
A2004	Soil (0"-24")	M/G	PCB (21), SVOC (21)	116 (Ice Only), 117 (Ice Only) (2)	SS-121	S: 11/30/2009 11:30	MA2004	
A2005	Soil (0"-24")	M/G	PCB (21), SVOC (21)	120 (Ice Only), 121 (Ice Only) (2)	SS-122	S: 11/30/2009 11:25		
A2006	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	125 (Ice Only), 126 (Ice Only), 127 (Ice Only) (3)	SS-123	S: 11/30/2009 11:40	MA2006	
A2007	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	133 (Ice Only), 134 (Ice Only), 135 (Ice Only) (3)	SS-124	S: 11/30/2009 11:50	MA2007	
A2008	Soil (0"-24")	M/G	PCB (21), SVOC (21)	141 (Ice Only), 142 (Ice Only) (2)	SS-125	S: 11/30/2009 13:30	MA2008	
A2009	Soil (0"-24")	M/G	PCB (21), SVOC (21)	145 (Ice Only), 146 (Ice Only) (2)	SS-126	S: 11/30/2009 13:38		
A2010	Soil (0"-24")	M/G	PCB (21), SVOC (21)	150 (Ice Only), 151 (Ice Only) (2)	SS-127	S: 11/30/2009 11:25	MA2010	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ3, A1ZZ7, A2019, A2028, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: 1-581445056-120109-0005

PR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Case No: 39296
Altrbill: 867379987629		DAS No: L
Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	Relinquished By: <i>[Signature]</i> 12/1/09 13:00	SDG No:
	Received By: <i>[Signature]</i>	For Lab Use Only
		Lab Contract No:
		Unit Price:
		Transfer To:
		Lab Contract No:
		Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNDOWN	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2011	Soil (0"-24")	M/G	PCB (21), SVOC (21)	154 (Ice Only), 155 (Ice Only) (2)	SS-128	S: 11/30/2009 13:55		
A2012	Soil (0"-24")	M/G	PCB (21), SVOC (21)	156 (Ice Only), 157 (Ice Only) (2)	SS-129	S: 11/30/2009 10:36		
A2013	Soil (0"-24")	M/G	PCB (21), SVOC (21)	158 (Ice Only), 159 (Ice Only) (2)	SS-130	S: 11/30/2009 10:35		
A2014	Soil (0"-24")	M/G	PCB (21), SVOC (21)	160 (Ice Only), 161 (Ice Only) (2)	SS-131	S: 11/30/2009 14:03		
A2015	Soil (0"-24")	M/G	PCB (21), SVOC (21)	162 (Ice Only), 163 (Ice Only) (2)	SS-132	S: 11/30/2009 14:10		
A2016	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	167 (Ice Only), 168 (Ice Only), 169 (Ice Only) (3)	SS-133	S: 11/30/2009 10:50	MA2016	
A2017	Soil (0"-24")	M/G	PCB (21), SVOC (21)	175 (Ice Only), 176 (Ice Only) (2)	SS-134	S: 11/30/2009 10:15	MA2017	
A2018	Soil (0"-24")	M/G	PCB (21), SVOC (21)	179 (Ice Only), 180 (Ice Only) (2)	SS-135	S: 11/30/2009 10:20		
A2019	Soil (0"-24")	M/G	PCB (21), SVOC (21)	181 (Ice Only), 182 (Ice Only) (2)	SS-136	S: 11/30/2009 14:20		
A2020	Soil (0"-24")	M/G	PCB (21), SVOC (21)	183 (Ice Only), 184 (Ice Only) (2)	SS-137	S: 11/30/2009 15:50		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ3, A1ZZ7, A2019, A2028, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? —	Shipment Iced? —

TR Number: 1-581445056-120109-0005

PR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Requisitioned By (Date / Time)	Sampler Signature
Airbill: 867379987629		Received By (Date / Time)	
Shipped to: Datachem Laboratories, Inc.			
960 West LeVoy Drive			
attn: Meredith Edwards			
Salt Lake City UT 84123			
(801) 266-7700			

Case No: 39296	FOR LAB USE ONLY
DAS No:	Sample Condition On Receipt
SDG No:	
For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAGNO/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2021	Soil (0"-24")	M/G	PCB (21), SVOC (21)	188 (Ice Only), 189 (Ice Only) (2)	SS-138	S: 11/30/2009 15:00	MA2021	
A2022	Soil (0"-24")	M/G	PCB (21), SVOC (21)	192 (Ice Only), 193 (Ice Only) (2)	SS-139	S: 11/30/2009 14:40		
A2023	Soil (0"-24")	M/G	PCB (21), SVOC (21)	197 (Ice Only), 198 (Ice Only) (2)	SS-140	S: 11/30/2009 15:20	MA2023	
A2026	Soil (0"-24")	M/G	PCB (21), SVOC (21)	217 (Ice Only), 218 (Ice Only) (2)	SS-143	S: 12/1/2009 9:15		
A2027	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	222 (Ice Only), 223 (Ice Only), 224 (Ice Only) (3)	SS-144	S: 11/30/2009 14:10	MA2027	
A2028	Soil (0"-24")	M/G	PCB (21), SVOC (21)	227 (Ice Only), 228 (Ice Only) (2)	SS-145	S: 11/30/2009 14:35		
A2029	Soil (0"-24")	M/G	PCB (21), SVOC (21)	229 (Ice Only), 230 (Ice Only) (2)	SS-146	S: 11/30/2009 14:45		
A2030	Soil (0"-24")	M/G	PCB (21), SVOC (21)	231 (Ice Only), 232 (Ice Only) (2)	SS-147	S: 12/1/2009 8:55		
A2031	Soil (0"-24")	M/G	PCB (21), SVOC (21)	236 (Ice Only), 237 (Ice Only) (2)	SS-148	S: 12/1/2009 8:45	MA2031	
A2032	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	247 (Ice Only), 248 (Ice Only), 249 (Ice Only) (3)	SS-149	S: 11/30/2009 10:30	MA2032	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ3, A1ZZ7, A2019, A2028, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Shipment Iced? —

TR Number: 1-581445056-120109-0005

PR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Alrbill: 867379987629	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Sampler Signature:	
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>[Signature]</i>	12/1/09 1300		
2			
3			
4			

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2033	Soil (0"-24")	M/G	PCB (21), SVOC (21)	252 (Ice Only), 253 (Ice Only) (2)	SS-150	S: 11/30/2009	10:10	
A2035	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	264 (Ice Only), 265 (Ice Only), 266 (Ice Only) (3)	SS-152	S: 11/30/2009	15:30	MA2035
A2036	Soil (0"-24")	M/G	PCB (21), SVOC (21)	269 (Ice Only), 270 (Ice Only) (2)	SS-153	S: 11/30/2009	15:45	
A2037	Soil (0"-24")	M/G	PCB (21), SVOC (21)	271 (Ice Only), 272 (Ice Only) (2)	SS-154	S: 12/1/2009	10:23	
A2038	Soil (0"-24")	M/G	PCB (21), SVOC (21)	273 (Ice Only), 274 (Ice Only) (2)	SS-155	S: 12/1/2009	10:25	
A2039	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	278 (Ice Only), 279 (Ice Only), 280 (Ice Only) (3)	SS-156	S: 12/1/2009	10:30	MA2039
A2040	Soil (0"-24")	M/G	PCB (21), SVOC (21)	286 (Ice Only), 287 (Ice Only) (2)	SS-157	S: 11/30/2009	15:40	MA2040
A2041	Soil (0"-24")	M/G	PCB (21), SVOC (21)	290 (Ice Only), 291 (Ice Only) (2)	SS-158	S: 11/30/2009	15:50	
A2042	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	295 (Ice Only), 296 (Ice Only), 297 (Ice Only) (3)	SS-159	S: 11/30/2009	15:45	MA2042
A2043	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	303 (Ice Only), 304 (Ice Only), 305 (Ice Only) (3)	SS-160	S: 11/30/2009	15:40	MA2043

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ3, A1ZZ7, A2019, A2028, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: 1-581445056-120109-0005

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped:	12/1/2009	Chain of Custody Record		Sampler Signature:		Case No:	39296
Carrier Name:	FedEx	Relinquished By	(Date / Time)	Received By	(Date / Time)	DAS No:	
Airbill:	867379987629	1	<i>Bob 12/1/09</i>			SDG No:	L
Shipped to:	Datatech Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	2				For Lab Use Only	
		3				Lab Contract No:	
		4				Unit Price:	
						Transfer To:	
						Lab Contract No:	
						Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2044	Soil (0"-24")	M/G	PCB (21), SVOC (21)	311 (Ice Only), 312 (Ice Only) (2)	SS-161	S: 12/1/2009 9:10	MA2044	
A2045	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	318 (Ice Only), 319 (Ice Only), 320 (Ice Only) (3)	SS-162	S: 12/1/2009 9:20	MA2045	
A2046	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	326 (Ice Only), 327 (Ice Only), 328 (Ice Only) (3)	SS-163	S: 12/1/2009 9:25	MA2046	
A2047	Soil (0"-24")	M/G	PCB (21), SVOC (21)	331 (Ice Only), 332 (Ice Only) (2)	SS-164	S: 12/1/2009 9:00		
A2048	Soil (0"-24")	M/G	PCB (21), SVOC (21)	336 (Ice Only), 337 (Ice Only) (2)	SS-165	S: 12/1/2009 8:50	MA2048	
A2049	Soil (0"-24")	M/G	PCB (21), SVOC (21)	340 (Ice Only), 341 (Ice Only) (2)	SS-166	S: 12/1/2009 9:10		
A2050	Soil (0"-24")	M/G	PCB (21), SVOC (21)	342 (Ice Only), 343 (Ice Only) (2)	SS-167	S: 12/1/2009 9:05		
A2051	Soil (0"-24")	M/G	PCB (21), SVOC (21)	347 (Ice Only), 348 (Ice Only) (2)	SS-168	S: 12/1/2009 10:01	MA2051	
A2053	Soil (0"-24")	M/G	PCB (21), SVOC (21)	356 (Ice Only), 357 (Ice Only) (2)	SS-170	S: 12/1/2009 9:35	MA2053	
A2054	Soil (0"-24")	M/G	PCB (21), SVOC (21)	360 (Ice Only), 361 (Ice Only) (2)	SS-171	S: 12/1/2009 9:20		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	A1ZZ3, A1ZZ7, A2019, A2028, A2032			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>
PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2				

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>	Sampler Signature: <i>[Signature]</i>
Airbill: 867379987629	Datachem Laboratories, Inc.	1 <i>[Signature]</i>	12/1/09 1300	(Date / Time)
Shipped to: 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700		2 <i>[Signature]</i>		
		3 <i>[Signature]</i>		
		4 <i>[Signature]</i>		

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.	Sample Condition On Receipt
A2056	Soil (0"-24")	M/G	PCB (21), SVOC (21)	364 (Ice Only), 365 (Ice Only) (2)	SS-173	S: 12/1/2009	10:00	
A2057	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	369 (Ice Only), 370 (Ice Only), 371 (Ice Only) (3)	SS-174	S: 12/1/2009	9:41	MA2057
A2058	Soil (0"-24")	M/G	PCB (21), SVOC (21)	377 (Ice Only), 378 (Ice Only) (2)	SS-175	S: 12/1/2009	9:45	MA2058
A2059	Soil (0"-24")	M/G	PCB (21), SVOC (21)	381 (Ice Only), 382 (Ice Only) (2)	SS-176	S: 12/1/2009	10:32	
A2063	Soil (0"-24")	M/G	PCB (21), SVOC (21)	403 (Ice Only), 404 (Ice Only) (2)	SS-180	S: 12/1/2009	9:38	MA2063
A2064	Soil (0"-24")	M/G	PCB (21), SVOC (21)	407 (Ice Only), 408 (Ice Only) (2)	SS-181	S: 12/1/2009	10:05	
A2074	Soil (0"-24")	M/G	PCB (21), SVOC (21)	450 (Ice Only), 451 (Ice Only) (2)	SS-191	S: 12/1/2009	10:40	
A2082	Soil (0"-24")	M/G	PCB (21), SVOC (21)	481 (Ice Only), 482 (Ice Only) (2)	SS-199	S: 12/1/2009	10:48	
A2084	Soil (0"-24")	M/G	PCB (21), SVOC (21)	490 (Ice Only), 491 (Ice Only) (2)	SS-201	S: 12/1/2009	11:00	
A2090	Soil (0"-24")	M/G	PCB (21), SVOC (21)	524 (Ice Only), 525 (Ice Only) (2)	SS-207	S: 12/1/2009	11:05	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ3, A1ZZ7, A2019, A2028, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: 1-581445056-120109-0005

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Reinquisitioned By: <i>[Signature]</i>	Sampler Signature: <i>[Signature]</i>
Airbill: 867379987629		(Date / Time) 12/1/09 15:00	(Date / Time)
Shipped to: Datachem Laboratories, Inc.			
960 West LeVoy Drive			
attn: Meredith Edwards			
Salt Lake City UT 84123			
(801) 266-7700			

Case No: 39296
DAS No:
SDG No:
For Lab Use Only
Lab Contract No:
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Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	PRESERVATIVE/ Bottles	TAG No./	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20P3	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	701 (Ice Only), 702 (Ice Only), 703 (Ice Only) (3)		SS-350	S: 11/30/2009 14:10	MA20P3	
A20P7	Soil (0"-24")	M/G	PCB (21), SVOC (21)	716 (Ice Only), 717 (Ice Only) (2)		SS-354	S: 11/30/2009 15:00	MA20P7	
A20P8	Soil (0"-24")	M/G	PCB (21), SVOC (21)	723 (Ice Only), 724 (Ice Only) (2)		SS-355	S: 11/30/2009 10:15	MA20P8	
A20Q2	Soil (0"-24")	M/G	PCB (21), SVOC (21)	729 (Ice Only), 730 (Ice Only) (2)		SS-359	S: 11/30/2009 10:10		
A20Q3	Soil (0"-24")	M/G	PCB (21), SVOC (21)	731 (Ice Only), 732 (Ice Only) (2)		SS-360	S: 11/30/2009 11:25		
A20Q4	Soil (0"-24")	M/G	PCB (21), SVOC (21)	733 (Ice Only), 734 (Ice Only) (2)		SS-361	S: 11/30/2009 12:06		
A20Q5	Soil (0"-24")	M/G	PCB (21), SVOC (21)	735 (Ice Only), 736 (Ice Only) (2)		SS-362	S: 11/30/2009 15:50		
A20S2	Rinsate Blank	M/G	PCB (21), Pest. (21), SVOC (21)	762 (Ice Only), 763 (Ice Only), 764 (Ice Only), 765 (Ice Only), 766 (Ice Only), 767 (Ice Only) (6)		RB-01	S: 11/30/2009 15:05	MA20S2	
A20S3	Rinsate Blank	M/G	PCB (21), Pest. (21), SVOC (21)	773 (Ice Only), 774 (Ice Only), 775 (Ice Only), 776 (Ice Only), 777 (Ice Only), 778 (Ice Only) (6)		RB-02	S: 12/1/2009 11:30	MA20S3	
A20T2	PE Soil	M/G	SVOC (21)	819 (Ice Only) (1)		PE-SS1071	S: 11/30/2009 7:00		

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: A1ZZ3, A1ZZ7, A2019, A2028, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? <input type="checkbox"/> Shipment Iced? <input type="checkbox"/>



USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Alrbill: 867379987629	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Sampler Signature:	
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>[Signature]</i>	12/1/2009 18:00		
2			
3			
4			

Case No: 39296	L
DAS No:	
SDG No:	
For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20T3	PE Soil	M/G	SVOC (21)	820 (Ice Only) (1)	PE-SS1073	S: 11/30/2009 7:00		
A20T4	PE Soil	M/G	SVOC (21)	821 (Ice Only) (1)	PE-SS1074	S: 11/30/2009 7:00		
A20W5	PE Soil	M/G	Pest. (21)	832 (Ice Only) (1)	PE-PS0292	S: 11/30/2009 7:00		
A20W8	PE Soil	M/G	PCB (21)	835 (Ice Only) (1)	PE-TT2582	S: 11/30/2009 7:00		
A20W9	PE Soil	M/G	PCB (21)	836 (Ice Only) (1)	PE-TT2583	S: 11/30/2009 7:00		
A20X0	PE Soil	M/G	PCB (21)	837 (Ice Only) (1)	PE-TT2584	S: 11/30/2009 7:00		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1ZZ3, A1ZZ7, A2019, A2028, A2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		
			Custody Seal Intact? ---	Shipment Iced? ---



USEPA Site Assessment Program

Order #s: EPAGS001, EPAGS002
EPAGS003, EPAGH005, EPAGH002
EPABH001

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522104	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record			
Relinquished By	(Date / Time)	Sampler Signature	Received By (Date / Time)
1 M A W	12/1/09 1800		
2			
3			
4			

Case No: 39296	FOR LAB USE ONLY
DAS No:	SAMPLE No.
SDG No:	Sample Condition On Receipt
For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	PRESERVATIVE/ Bottles	TAG No./	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2024	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	204 (Ice Only), 205 (Ice Only), 206 (Ice Only) (3)		SS-141	S: 12/1/2009 8:30	MA2024	
A2025	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	212 (Ice Only), 213 (Ice Only), 214 (Ice Only) (3)		SS-142	S: 12/1/2009 8:55	MA2025	
A2034	Soil (0"-24")	M/G	PCB (21), SVOC (21)	257 (Ice Only), 258 (Ice Only) (2)		SS-151	S: 12/1/2009 10:25	MA2034	
A2052	Soil (0"-24")	M/G	PCB (21), SVOC (21)	351 (Ice Only), 352 (Ice Only) (2)		SS-169	S: 12/1/2009 12:30		
A2055	Soil (0"-24")	M/G	PCB (21), SVOC (21)	362 (Ice Only), 363 (Ice Only) (2)		SS-172	S: 12/1/2009 12:20		
A2060	Soil (0"-24")	M/G	PCB (21), SVOC (21)	383 (Ice Only), 384 (Ice Only) (2)		SS-177	S: 12/1/2009 15:10		
A2061	Soil (0"-24")	M/G	PCB (21), SVOC (21)	388 (Ice Only), 389 (Ice Only) (2)		SS-178	S: 12/1/2009 12:40	MA2061	
A2062	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	395 (Ice Only), 396 (Ice Only), 397 (Ice Only) (3)		SS-179	S: 12/1/2009 15:05	MA2062	
A2065	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	412 (Ice Only), 413 (Ice Only), 414 (Ice Only) (3)		SS-182	S: 12/1/2009 12:30	MA2065	
A2066	Soil (0"-24")	M/G	PCB (21), SVOC (21)	417 (Ice Only), 418 (Ice Only) (2)		SS-183	S: 12/1/2009 12:40		

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Shipment Iced?

TR Number: 1-581445056-120309-0003

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Case No: 39296
Airbill: 870967522104		DAS No:
Shipped to: Datachem Laboratories, Inc.		SDG No:
960 West LeVoy Drive		
attn: Meredith Edwards		
Salt Lake City UT 84123		
(801) 266-7700		

Reinquinished By	(Date / Time)	Sampler Signature: <i>ma</i>	Received By	(Date / Time)
1 <i>ma</i>	12/3/09 12:00			
2				
3				
4				

For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2067	Soil (0"-24")	M/G	PCB (21), SVOC (21)	419 (Ice Only), 420 (Ice Only) (2)	SS-184	S: 12/1/2009 13:35		
A2068	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	424 (Ice Only), 425 (Ice Only), 426 (Ice Only) (3)	SS-185	S: 12/1/2009 12:38	MA2068	
A2069	Soil (0"-24")	M/G	PCB (21), SVOC (21)	429 (Ice Only), 430 (Ice Only) (2)	SS-186	S: 12/1/2009 15:10		
A2070	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	434 (Ice Only), 435 (Ice Only), 436 (Ice Only) (3)	SS-187	S: 12/1/2009 10:40	MA2070	
A2071	Soil (0"-24")	M/G	PCB (21), SVOC (21)	439 (Ice Only), 440 (Ice Only) (2)	SS-188	S: 12/1/2009 12:50		
A2072	Soil (0"-24")	M/G	PCB (21), SVOC (21)	444 (Ice Only), 445 (Ice Only) (2)	SS-189	S: 12/1/2009 10:55	MA2072	
A2073	Soil (0"-24")	M/G	PCB (21), SVOC (21)	448 (Ice Only), 449 (Ice Only) (2)	SS-190	S: 12/1/2009 14:30		
A2075	Soil (0"-24")	M/G	PCB (21), SVOC (21)	452 (Ice Only), 453 (Ice Only) (2)	SS-192	S: 12/1/2009 13:10		
A2076	Soil (0"-24")	M/G	PCB (21), SVOC (21)	454 (Ice Only), 455 (Ice Only) (2)	SS-193	S: 12/1/2009 14:55		
A2077	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	463 (Ice Only), 464 (Ice Only), 465 (Ice Only) (3)	SS-194	S: 12/1/2009 13:50	MA2077	

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		

Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input type="checkbox"/>
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TR Number: 1-581445056-120309-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Case No: 39296
Airbill: 870967522104		DAS No: L
Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	Relinquished By: <i>M. G. W.</i> (Date / Time) 12/3/09 1840	SDG No:
	Sampler Signature: <i>M. G. W.</i>	For Lab Use Only
	Received By: _____	Lab Contract No: _____
		Unit Price: _____
		Transfer To: _____
		Lab Contract No: _____
		Unit Price: _____

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A2078	Soil (0"-24")	M/G	PCB (21), SVOC (21)	471 (Ice Only), 472 (Ice Only) (2)	SS-195	S: 12/1/2009	MA2078	
A2079	Soil (0"-24")	M/G	PCB (21), SVOC (21)	475 (Ice Only), 476 (Ice Only) (2)	SS-196	S: 12/1/2009		
A2080	Soil (0"-24")	M/G	PCB (21), SVOC (21)	477 (Ice Only), 478 (Ice Only) (2)	SS-197	S: 12/1/2009		
A2081	Soil (0"-24")	M/G	PCB (21), SVOC (21)	479 (Ice Only), 480 (Ice Only) (2)	SS-198	S: 12/1/2009		
A2083	Soil (0"-24")	M/G	PCB (21), SVOC (21)	486 (Ice Only), 487 (Ice Only) (2)	SS-200	S: 12/1/2009	MA2083	
A2085	Soil (0"-24")	M/G	PCB (21), SVOC (21)	495 (Ice Only), 496 (Ice Only) (2)	SS-202	S: 12/1/2009	MA2085	
A2086	Soil (0"-24")	M/G	PCB (21), SVOC (21)	502 (Ice Only), 503 (Ice Only) (2)	SS-203	S: 12/1/2009	MA2086	
A2087	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	509 (Ice Only), 510 (Ice Only), 511 (Ice Only) (3)	SS-204	S: 12/1/2009	MA2087	
A2088	Soil (0"-24")	M/G	PCB (21), SVOC (21)	514 (Ice Only), 515 (Ice Only) (2)	SS-205	S: 12/1/2009		
A2089	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	519 (Ice Only), 520 (Ice Only), 521 (Ice Only) (3)	SS-206	S: 12/1/2009	MA2089	

Shipment for Case Completed by	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		
		Custody Seal Intact?		Shipment loaded?

TR Number: 1-581445056-120309-0003

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Albhill: 870967522104	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	
Relinquished By: <i>[Signature]</i>		Date / Time: 12/3/09 1:00	Received By: <i>[Signature]</i>	Date / Time: <i>[Signature]</i>
1				
2				
3				
4				

Case No: 39296

DAS No:

SDG No:

For Lab Use Only

Lab Contract No:

Unit Price:

Transfer To:

Lab Contract No:

Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
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A2091	Soil (0"-24")	M/G	PCB (21), SVOC (21)	526 (Ice Only), 527 (Ice Only) (2)	SS-208	S: 12/1/2009 13:30		
A2092	Soil (0"-24")	M/G	PCB (21), SVOC (21)	535 (Ice Only), 536 (Ice Only) (2)	SS-209	S: 12/1/2009 14:10	MA2092	
A2093	Soil (0"-24")	M/G	PCB (21), SVOC (21)	539 (Ice Only), 540 (Ice Only) (2)	SS-210	S: 12/1/2009 14:10		
A2094	Soil (0"-24")	M/G	PCB (21), SVOC (21)	541 (Ice Only), 542 (Ice Only) (2)	SS-211	S: 12/2/2009 10:20		
A2095	Soil (0"-24")	M/G	PCB (21), SVOC (21)	546 (Ice Only), 547 (Ice Only) (2)	SS-212	S: 12/2/2009 9:25	MA2095	
A2096	Soil (0"-24")	M/G	PCB (21), SVOC (21)	553 (Ice Only), 554 (Ice Only) (2)	SS-213	S: 12/2/2009 9:20	MA2096	
A2097	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	560 (Ice Only), 561 (Ice Only), 562 (Ice Only) (3)	SS-214	S: 12/2/2009 9:15	MA2097	
A20A4	Soil (0"-24")	M/G	PCB (21), SVOC (21)	585 (Ice Only), 586 (Ice Only) (2)	SS-221	S: 12/2/2009 8:10	MA20A4	
A20A5	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	592 (Ice Only), 593 (Ice Only), 594 (Ice Only) (3)	SS-222	S: 12/2/2009 8:20	MA20A5	
A20A6	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	600 (Ice Only), 601 (Ice Only), 602 (Ice Only) (3)	SS-223	S: 12/2/2009 8:05	MA20A6	

Shipment for Case Complete PY	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: 1-581445056-120309-0003

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Organic Traffic Report & Chain of Custody Record

Date Shipped:	12/3/2009	Chain of Custody Record	Case No:	39296
Carrier Name:	FedEx	Relinquished By	DAS No:	
Airbill:	870967522104	(Date / Time)	SDG No:	
Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	1 <i>M. G. W.</i> 2 <i>M. G. W.</i> 3 <i>M. G. W.</i> 4 <i>M. G. W.</i>	For Lab Use Only	
		12/3/09 (8:00)	Lab Contract No:	
			Unit Price:	
			Transfer To:	
			Lab Contract No:	
			Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.
A20A7	Soil (0"-24")	M/G	PCB (21), SVOC (21)	605 (Ice Only) (2)	SS-224	S: 12/2/2009 8:00	
A20A8	Soil (0"-24")	M/G	PCB (21), SVOC (21)	610 (Ice Only) (2)	SS-225	S: 12/2/2009 8:45	MA20A8
A20A9	Soil (0"-24")	M/G	PCB (21), SVOC (21)	614 (Ice Only) (2)	SS-226	S: 12/2/2009 8:50	
A20B0	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	619 (Ice Only) (3)	SS-227	S: 12/2/2009 9:00	MA20B0
A20B1	Soil (0"-24")	M/G	PCB (21), SVOC (21)	624 (Ice Only) (2)	SS-228	S: 12/2/2009 9:00	
A20B2	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	629 (Ice Only) (3)	SS-229	S: 12/2/2009 8:55	MA20B2
A20B3	Soil (0"-24")	M/G	PCB (21), SVOC (21)	634 (Ice Only) (2)	SS-230	S: 12/2/2009 8:57	
A20B4	Soil (0"-24")	M/G	PCB (21), SVOC (21)	639 (Ice Only) (2)	SS-231	S: 12/2/2009 9:05	MA20B4
A20B5	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	646 (Ice Only) (3)	SS-232	S: 12/2/2009 9:10	MA20B5
A20B6	Soil (0"-24")	M/G	PCB (21), SVOC (21)	651 (Ice Only) (2)	SS-233	S: 12/2/2009 9:50	

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? <input type="checkbox"/> Shipment Iced? <input type="checkbox"/>

TR Number: 1-581445056-120309-0003

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Case No: 39296
Airbill: 870967522104	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	DAS No:
		SDG No:
		For Lab Use Only
		Lab Contract No:
		Unit Price:
		Transfer To:
		Lab Contract No:
		Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20B7	Soil (0"-24")	M/G	PCB (21), SVOC (21)	653 (Ice Only), 654 (Ice Only) (2)	SS-234	S: 12/2/2009 10:00		
A20B8	Soil (0"-24")	M/G	PCB (21), SVOC (21)	655 (Ice Only), 656 (Ice Only) (2)	SS-235	S: 12/2/2009 10:10		
A20B9	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	660 (Ice Only), 661 (Ice Only), 662 (Ice Only) (3)	SS-236	S: 12/2/2009 10:30	MA20B9	
A20C0	Soil (0"-24")	M/G	PCB (21), SVOC (21)	668 (Ice Only), 669 (Ice Only) (2)	SS-237	S: 12/2/2009 15:25	MA20C0	
A20C1	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	675 (Ice Only), 676 (Ice Only), 677 (Ice Only) (3)	SS-238	S: 12/2/2009 15:30	MA20C1	
A20C2	Soil (0"-24")	M/G	PCB (21), SVOC (21)	680 (Ice Only), 681 (Ice Only) (2)	SS-239	S: 12/2/2009 15:35		
A20C3	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	861 (Ice Only), 862 (Ice Only), 863 (Ice Only) (3)	SS-240	S: 12/2/2009 13:40	MA20C3	
A20C4	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	869 (Ice Only), 870 (Ice Only), 871 (Ice Only) (3)	SS-241	S: 12/2/2009 13:30	MA20C4	
A20C5	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	877 (Ice Only), 878 (Ice Only), 879 (Ice Only) (3)	SS-242	S: 12/2/2009 13:00	MA20C5	
A20C6	Soil (0"-24")	M/G	PCB (21), SVOC (21)	882 (Ice Only), 883 (Ice Only) (2)	SS-243	S: 12/2/2009 14:20		

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		
			Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: 1-581445056-120309-0003

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Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Case No: 39296
Airbill: 870967522104		DAS No: L
Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City, UT 84123 (801) 266-7700	Relinquished By: <i>Ma m</i> (Date / Time) 12/3/09 18:00	SDG No:
	Signature: <i>Ma m</i>	For Lab Use Only
	Received By: <i>[Signature]</i> (Date / Time)	Lab Contract No:
		Unit Price:
		Transfer To:
		Lab Contract No:
		Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20C7	Soil (0"-24")	M/G	PCB (21), SVOC (21)	887 (Ice Only), 888 (Ice Only) (2)	SS-244	S: 12/2/2009 14:30	MA20C7	
A20C8	Soil (0"-24")	M/G	PCB (21), SVOC (21)	891 (Ice Only), 892 (Ice Only) (2)	SS-245	S: 12/2/2009 14:35		
A20C9	Soil (0"-24")	M/G	PCB (21), SVOC (21)	893 (Ice Only), 894 (Ice Only) (2)	SS-246	S: 12/2/2009 15:00		
A20D0	Soil (0"-24")	M/G	PCB (21), SVOC (21)	898 (Ice Only), 899 (Ice Only) (2)	SS-247	S: 12/2/2009 14:50	MA20D0	
A20D1	Soil (0"-24")	M/G	PCB (21), SVOC (21)	902 (Ice Only), 903 (Ice Only) (2)	SS-248	S: 12/2/2009 14:50		
A20D2	Soil (0"-24")	M/G	PCB (21), SVOC (21)	907 (Ice Only), 908 (Ice Only) (2)	SS-249	S: 12/2/2009 14:35	MA20D2	
A20D3	Soil (0"-24")	M/G	PCB (21), SVOC (21)	911 (Ice Only), 912 (Ice Only) (2)	SS-250	S: 12/2/2009 14:30		
A20D4	Soil (0"-24")	M/G	PCB (21), SVOC (21)	916 (Ice Only), 917 (Ice Only) (2)	SS-251	S: 12/2/2009 13:12	MA20D4	
A20D5	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	927 (Ice Only), 928 (Ice Only), 929 (Ice Only) (3)	SS-252	S: 12/2/2009 12:00	MA20D5	
A20D6	Soil (0"-24")	M/G	PCB (21), SVOC (21)	932 (Ice Only), 933 (Ice Only) (2)	SS-253	S: 12/2/2009 11:30		

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		
			Custody Seal Intact? —	Shipment Iced? —

TR Number: 1-581445056-120309-0003

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Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Chain of Custody Record	Sampler Signature: <i>M. G. W.</i>	Case No: 39296
Airbill: 870967522104	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	Relinquished By: <i>M. G. W.</i> 12/3/09 1800	Received By: _____	DAS No: L
		1		SDG No: _____
		2		For Lab Use Only
		3		Lab Contract No: _____
		4		Unit Price: _____
				Transfer To: _____
				Lab Contract No: _____
				Unit Price: _____

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20D7	Soil (0"-24")	M/G	PCB (21), SVOC (21)	937 (Ice Only), 938 (Ice Only) (2)	SS-254	S: 12/2/2009	11:50	MA20D7
A20D8	Soil (0"-24")	M/G	PCB (21), SVOC (21)	941 (Ice Only), 942 (Ice Only) (2)	SS-255	S: 12/2/2009	11:38	
A20D9	Soil (0"-24")	M/G	PCB (21), SVOC (21)	943 (Ice Only), 944 (Ice Only) (2)	SS-256	S: 12/2/2009	11:45	
A20E0	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	948 (Ice Only), 949 (Ice Only), 950 (Ice Only) (3)	SS-257	S: 12/2/2009	14:50	MA20E0
A20E1	Soil (0"-24")	M/G	PCB (21), SVOC (21)	953 (Ice Only), 954 (Ice Only) (2)	SS-258	S: 12/2/2009	14:40	
A20E2	Soil (0"-24")	M/G	PCB (21), SVOC (21)	958 (Ice Only), 959 (Ice Only) (2)	SS-259	S: 12/2/2009	12:05	MA20E2
A20E3	Soil (0"-24")	M/G	PCB (21), SVOC (21)	965 (Ice Only), 966 (Ice Only) (2)	SS-260	S: 12/2/2009	14:25	MA20E3
A20E4	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	972 (Ice Only), 973 (Ice Only), 974 (Ice Only) (3)	SS-261	S: 12/2/2009	14:15	MA20E4
A20E5	Soil (0"-24")	M/G	PCB (21), SVOC (21)	977 (Ice Only), 978 (Ice Only) (2)	SS-262	S: 12/2/2009	14:05	
A20E6	Soil (0"-24")	M/G	PCB (21), SVOC (21)	982 (Ice Only), 983 (Ice Only) (2)	SS-263	S: 12/2/2009	14:00	MA20E6

Shipment for Case Complete Yr	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		
			Custody Seal Intact? _____	Shipment Iced? _____

TR Number: 1-581445056-120309-0003

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Altrbill: 870967522104	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Sampler Signature: <i>ma</i>	For Lab Use Only
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>ma</i>	12/14/2009		
2			
3			
4			

Case No: 39296
DAS No:
SDG No:

L

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20E7	Soil (0"-24")	M/G	PCB (21), SVOC (21)	986 (Ice Only), 987 (Ice Only) (2)	SS-264	S: 12/2/2009	14:00	
A20E8	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	991 (Ice Only), 992 (Ice Only), 993 (Ice Only) (3)	SS-265	S: 12/2/2009	13:55	MA20E8
A20E9	Soil (0"-24")	M/G	PCB (21), SVOC (21)	996 (Ice Only), 997 (Ice Only) (2)	SS-266	S: 12/2/2009	13:55	
A20F0	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1001 (Ice Only), 1002 (Ice Only) (2)	SS-267	S: 12/2/2009	13:45	MA20F0
A20F1	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1005 (Ice Only), 1006 (Ice Only) (2)	SS-268	S: 12/2/2009	13:45	
A20F2	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1010 (Ice Only), 1011 (Ice Only) (2)	SS-269	S: 12/2/2009	13:25	MA20F2
A20F3	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	1017 (Ice Only), 1018 (Ice Only), 1019 (Ice Only) (3)	SS-270	S: 12/2/2009	11:00	MA20F3
A20F4	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1022 (Ice Only), 1023 (Ice Only) (2)	SS-271	S: 12/2/2009	11:10	
A20F5	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1027 (Ice Only), 1028 (Ice Only) (2)	SS-272	S: 12/3/2009	9:30	MA20F5
A20F6	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	1034 (Ice Only), 1035 (Ice Only), 1036 (Ice Only) (3)	SS-273	S: 12/2/2009	11:00	MA20F6

Shipment for Case Complete 2Y	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		

TR Number: 1-581445056-120309-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522104	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Sampler Signature: <i>M. G. W.</i>	For Lab Use Only
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>M. G. W.</i>	12/3/09 1800		
2			
3			
4			

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20F7	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1039 (Ice Only), 1040 (Ice Only) (2)	SS-274	S: 12/2/2009 10:54		
A20F8	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1044 (Ice Only), 1045 (Ice Only) (2)	SS-275	S: 12/2/2009 10:40	MA20F8	
A20F9	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	1051 (Ice Only), 1052 (Ice Only), 1053 (Ice Only) (3)	SS-276	S: 12/2/2009 11:10	MA20F9	
A20G0	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1059 (Ice Only), 1060 (Ice Only) (2)	SS-277	S: 12/2/2009 10:30	MA20G0	
A20G1	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1066 (Ice Only), 1067 (Ice Only) (2)	SS-278	S: 12/2/2009 10:25	MA20G1	
A20G2	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1070 (Ice Only), 1071 (Ice Only) (2)	SS-279	S: 12/2/2009 10:45		
A20G3	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	1075 (Ice Only), 1076 (Ice Only), 1077 (Ice Only) (3)	SS-280	S: 12/2/2009 10:50	MA20G3	
A20G4	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1080 (Ice Only), 1081 (Ice Only) (2)	SS-281	S: 12/2/2009 13:30		
A20G5	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1089 (Ice Only), 1090 (Ice Only) (2)	SS-282	S: 12/2/2009 13:15	MA20G5	
A20G6	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1093 (Ice Only), 1094 (Ice Only) (2)	SS-283	S: 12/2/2009 13:02		

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		
			Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: 1-581445056-120309-0003

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Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Reinquisitioned By: <i>MAW</i>	Sampler Signature: <i>MAW</i>	Case No: 39296
Airbill: 870967522104		(Date / Time) 12/3/04 1800	Received By: _____	DAS No: _____
Shipped to: Datachem Laboratories, Inc.				SDG No: _____
960 West LeVoy Drive				
attn: Meredith Edwards				
Salt Lake City UT 84123				
(801) 266-7700				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20G7	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	1098 (Ice Only), 1099 (Ice Only), 1100 (Ice Only) (3)	SS-284	S: 12/2/2009 13:25	MA20G7	
A20G8	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1106 (Ice Only), 1107 (Ice Only) (2)	SS-285	S: 12/2/2009 13:10	MA20G8	
A20G9	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1110 (Ice Only), 1111 (Ice Only) (2)	SS-286	S: 12/2/2009 13:13		
A20H0	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	1115 (Ice Only), 1116 (Ice Only), 1117 (Ice Only) (3)	SS-287	S: 12/3/2009 9:48	MA20H0	
A20H1	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1123 (Ice Only), 1124 (Ice Only) (2)	SS-288	S: 12/3/2009 10:00	MA20H1	
A20H2	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1127 (Ice Only), 1128 (Ice Only) (2)	SS-289	S: 12/2/2009 16:00		
A20H3	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	1132 (Ice Only), 1133 (Ice Only), 1134 (Ice Only) (3)	SS-290	S: 12/3/2009 9:17	MA20H3	
A20H4	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1137 (Ice Only), 1138 (Ice Only) (2)	SS-291	S: 12/2/2009 15:15		
A20H5	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1139 (Ice Only), 1140 (Ice Only) (2)	SS-292	S: 12/2/2009 15:20		
A20H6	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1141 (Ice Only), 1142 (Ice Only) (2)	SS-293	S: 12/2/2009 15:45		

Shipment for Case Complete 7Y	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s): _____	Cooler Temperature Upon Receipt: _____	Chain of Custody Seal Number: _____
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? _____	Shipment Iced? _____

TR Number: 1-581445056-120309-0003

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Case No: 39296
Airbill: 870967522104	Shipped to: Datchem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	DAS No:
Relinquished By: <i>M. Quinn</i> (Date / Time) 12/3/09 1800		SDG No:
Received By: <i>M. Quinn</i> (Date / Time)		For Lab Use Only
1		Lab Contract No:
2		Unit Price:
3		Transfer To:
4		Lab Contract No:
		Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20H7	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1143 (Ice Only), 1144 (Ice Only) (2)	SS-294	S: 12/2/2009	15:50	
A20H8	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1145 (Ice Only), 1146 (Ice Only) (2)	SS-295	S: 12/2/2009	15:59	
A20H9	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1147 (Ice Only), 1148 (Ice Only) (2)	SS-296	S: 12/2/2009	15:30	
A20J0	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1149 (Ice Only), 1150 (Ice Only) (2)	SS-297	S: 12/2/2009	15:35	
A20J1	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1151 (Ice Only), 1152 (Ice Only) (2)	SS-298	S: 12/2/2009	15:42	
A20J2	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1153 (Ice Only), 1154 (Ice Only) (2)	SS-299	S: 12/2/2009	15:48	
A20J3	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1155 (Ice Only), 1156 (Ice Only) (2)	SS-300	S: 12/2/2009	15:30	
A20J4	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1200 (Ice Only), 1201 (Ice Only) (2)	SS-301	S: 12/3/2009	10:55	
A20P1	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	685 (Ice Only), 686 (Ice Only), 687 (Ice Only) (3)	SS-348	S: 12/2/2009	8:20	MA20P1
A20P2	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	693 (Ice Only), 694 (Ice Only), 695 (Ice Only) (3)	SS-349	S: 12/1/2009	15:05	MA20P2

Shipment for Case Complete by	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		
		Custody Seal Intact?		Shipment Iced?

TR Number: 1-581445056-120309-0003

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Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Sample No. 39296	
Airbill: 870967522104	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	DAS No: L	
Chain of Custody Record		SDG No:	
Relinquished By	(Date / Time)	Received By	(Date / Time)
1. <i>[Signature]</i>	12/3/09 18:00	<i>[Signature]</i>	
2. <i>[Signature]</i>			
3. <i>[Signature]</i>			
4. <i>[Signature]</i>			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A20P4	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	1160 (Ice Only), 1161 (Ice Only), 1162 (Ice Only) (3)	SS-351	S: 12/2/2009	MA20P4	
A20P5	Soil (0"-24")	M/G	PCB (21), Pest. (21), SVOC (21)	1168 (Ice Only), 1169 (Ice Only), 1170 (Ice Only) (3)	SS-352	S: 12/2/2009	MA20P5	
A20P6	Soil (0"-24")	M/G	PCB (21), SVOC (21)	709 (Ice Only), 710 (Ice Only) (2)	SS-353	S: 12/2/2009	MA20P6	
A20P9	Soil (0"-24")	M/G	PCB (21), SVOC (21)	1176 (Ice Only), 1177 (Ice Only) (2)	SS-356	S: 12/3/2009	MA20P9	
A20Q1	Soil (0"-24")	M/G	PCB (21), SVOC (21)	727 (Ice Only), 728 (Ice Only) (2)	SS-358	S: 12/1/2009		
A20Q6	Soil (0"-24")	M/G	PCB (21), SVOC (21)	737 (Ice Only), 738 (Ice Only) (2)	SS-363	S: 12/3/2009		
A20S4	Rinsate Blank	M/G	PCB (21), Pest. (21), SVOC (21)	1183 (Ice Only), 1184 (Ice Only), 1185 (Ice Only), 1186 (Ice Only), 1187 (Ice Only), 1188 (Ice Only) (6)	RB-03	S: 12/2/2009	MA20S4	
A20T5	PE Soil	M/G	SVOC (21)	822 (Ice Only) (1)	PE-SS1075	S: 11/30/2009		
A20T6	PE Soil	M/G	SVOC (21)	823 (Ice Only) (1)	PE-SS1076	S: 11/30/2009		
A20T7	PE Soil	M/G	SVOC (21)	824 (Ice Only) (1)	PE-SS1077	S: 11/30/2009		

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		
			Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: 1-581445056-120309-0003

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USEPA Site Assessment Program

Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009
Carrier Name: FedEx
Airbill: 870967522104
Shipped to: Datachem Laboratories, Inc.
960 West LeVoy Drive
attn: Meredith Edwards
Salt Lake City UT 84123
(801) 266-7700

Relinquished By: *Man* (Date / Time) 11/30/2009
Received By: *Man* (Date / Time) 11/30/2009

Sampler Signature: *Man*
Lab Contract No: _____
Unit Price: _____
Transfer To: _____
Lab Contract No: _____
Unit Price: _____

Case No: 39296
DAS No: _____
SDG No: _____

For Lab Use Only

Lab Contract No: _____
Unit Price: _____
Transfer To: _____
Lab Contract No: _____
Unit Price: _____

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
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A20T8	PE Soil	M/G	SVOC (21)	825 (Ice Only) (1)	PE-SS1078	S: 11/30/2009		7:00
A20T9	PE Soil	M/G	SVOC (21)	826 (Ice Only) (1)	PE-SS1079	S: 11/30/2009		7:00
A20W0	PE Soil	M/G	SVOC (21)	827 (Ice Only) (1)	PE-SS1080	S: 11/30/2009		7:00
A20W1	PE Soil	M/G	SVOC (21)	828 (Ice Only) (1)	PE-SS1081	S: 11/30/2009		7:00
A20W6	PE Soil	M/G	Pest. (21)	833 (Ice Only) (1)	PE-PS0293	S: 11/30/2009		7:00
A20W7	PE Soil	M/G	Pest. (21)	834 (Ice Only) (1)	PE-PS0294	S: 11/30/2009		7:00
A20X1	PE Soil	M/G	PCB (21)	838 (Ice Only) (1)	PE-TT2585	S: 11/30/2009		7:00
A20X2	PE Soil	M/G	PCB (21)	839 (Ice Only) (1)	PE-TT2586	S: 11/30/2009		7:00
A20X3	PE Soil	M/G	PCB (21)	840 (Ice Only) (1)	PE-TT2587	S: 11/30/2009		7:00
A20X4	PE Soil	M/G	PCB (21)	841 (Ice Only) (1)	PE-TT2588	S: 11/30/2009		7:00

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: A20T7, A20G2, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		
		Custody Seal Intact?		Shipment Iced?

TR Number: 1-581445056-120309-0003

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Organic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522104	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Relinquished By: <i>mu qm</i>		(Date / Time): 12/3/09 1800	Sampler Signature: <i>mu qm</i>
Received By: _____		(Date / Time): _____	For Lab Use Only
1 <i>mu qm</i>		2 _____	Lab Contract No: _____
3 _____		4 _____	Unit Price: _____
5 _____		6 _____	Transfer To: _____
7 _____		8 _____	Lab Contract No: _____
9 _____		10 _____	Unit Price: _____

Case No: 39296
DAS No:
SDG No:

L

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	PRESERVATIVE/ Bottles	TAG No./	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
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A20X5	PE Soil	M/G	PCB (21)	842 (Ice Only) (1)		PE-TT2591	S: 11/30/2009 7:00	
A20X6	PE Soil	M/G	PCB (21)	843 (Ice Only) (1)		PE-TT2592	S: 11/30/2009 7:00	
A20X7	PE Soil	M/G	PCB (21)	844 (Ice Only) (1)		PE-TT2593	S: 11/30/2009 7:00	

Shipment for Case Completed	Sample(s) to be used for laboratory QC: A2077, A2092, A20D5, A20E1, A20F4, A20G5, A20H4	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: PCB = PCB, SOM01.2, Pest. = Pesticide, SOM01.2, SVOC = SVOC, SOM01.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? _____	Shipment Iced? _____

TR Number: 1-581445056-120309-0003

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USEPA Site Assessment Program

Cooler #s: EPAJKA001, EPACI001

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Airbill: 867379987630	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Sampler Signature: <i>M. A. V.</i>	Received By (Date / Time)
Relinquished By	(Date / Time)	1 <i>M. A. V.</i>	12/1/09 1800
2			
3			
4			

Case No: 39296
DAS No: L
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	PRESERVATIVE/ Bottles	TAG No./	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA1ZY1	Soil (0"-24")	M/G	CN (14), Metals (14)	7 (Ice Only), 8 (Ice Only) (2)		AS-01	S: 11/30/2009	14:32	A1ZY1
MA1ZY2	Soil (0"-24")	M/G	CN (14), Metals (14)	15 (Ice Only), 16 (Ice Only) (2)		AS-02	S: 11/30/2009	14:41	A1ZY2
MA1ZY5	Soil (0"-24")	M/G	CN (14), Metals (14)	26 (Ice Only), 27 (Ice Only) (2)		SS-102	S: 11/30/2009	11:10	A1ZY5
MA1ZY8	Soil (0"-24")	M/G	CN (14), Metals (14)	38 (Ice Only), 39 (Ice Only) (2)		SS-105	S: 11/30/2009	13:40	A1ZY8
MA1ZZ1	Soil (0"-24")	M/G	CN (14), Metals (14)	49 (Ice Only), 50 (Ice Only) (2)		SS-108	S: 11/30/2009	15:05	A1ZZ1
MA1ZZ4	Soil (0"-24")	M/G	CN (14), Metals (14)	60 (Ice Only), 61 (Ice Only) (2)		SS-111	S: 11/30/2009	13:30	A1ZZ4
MA1ZZ5	Soil (0"-24")	M/G	CN (14), Metals (14)	68 (Ice Only), 69 (Ice Only) (2)		SS-112	S: 11/30/2009	14:44	A1ZZ5
MA1ZZ6	Soil (0"-24")	M/G	CN (14), Metals (14)	76 (Ice Only), 77 (Ice Only) (2)		SS-113	S: 11/30/2009	11:40	A1ZZ6
MA1ZZ7	Soil (0"-24")	M/G	CN (14), Metals (14)	87 (Ice Only), 88 (Ice Only) (2)		SS-114	S: 11/30/2009	14:00	A1ZZ7
MA1ZZ9	Soil (0"-24")	M/G	CN (14), Metals (14)	97 (Ice Only), 98 (Ice Only) (2)		SS-116	S: 11/30/2009	13:40	A1ZZ9

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: MA1ZZ7, MA2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? _____	Shipment Iced? _____

TR Number: 1-581445056-120109-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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USEPA Site Assessment Program

Order #s: EPA-30401, EPA-1001

Case No: 39296

DAS No:

SDG No:

L

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Airbill: 867379987630	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record			
Relinquished By	(Date / Time)	Sampler Signature: <i>mu g m</i>	Received By (Date / Time)
1 <i>mu g m</i>	12/1/09 18:00		
2			
3			
4			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA2001	Soil (0"-24")	M/G	CN (14), Metals (14)	107 (Ice Only), 108 (Ice Only) (2)	SS-118	S: 11/30/2009 10:40	A2001	
MA2004	Soil (0"-24")	M/G	CN (14), Metals (14)	118 (Ice Only), 119 (Ice Only) (2)	SS-121	S: 11/30/2009 11:30	A2004	
MA2006	Soil (0"-24")	M/G	CN (14), Metals (14)	128 (Ice Only), 129 (Ice Only) (2)	SS-123	S: 11/30/2009 11:40	A2006	
MA2007	Soil (0"-24")	M/G	CN (14), Metals (14)	136 (Ice Only), 137 (Ice Only) (2)	SS-124	S: 11/30/2009 11:50	A2007	
MA2008	Soil (0"-24")	M/G	CN (14), Metals (14)	143 (Ice Only), 144 (Ice Only) (2)	SS-125	S: 11/30/2009 13:30	A2008	
MA2010	Soil (0"-24")	M/G	CN (14), Metals (14)	152 (Ice Only), 153 (Ice Only) (2)	SS-127	S: 11/30/2009 11:25	A2010	
MA2016	Soil (0"-24")	M/G	CN (14), Metals (14)	170 (Ice Only), 171 (Ice Only) (2)	SS-133	S: 11/30/2009 10:50	A2016	
MA2017	Soil (0"-24")	M/G	CN (14), Metals (14)	177 (Ice Only), 178 (Ice Only) (2)	SS-134	S: 11/30/2009 10:15	A2017	
MA2021	Soil (0"-24")	M/G	CN (14), Metals (14)	190 (Ice Only), 191 (Ice Only) (2)	SS-138	S: 11/30/2009 15:00	A2021	
MA2023	Soil (0"-24")	M/G	CN (14), Metals (14)	199 (Ice Only), 200 (Ice Only) (2)	SS-140	S: 11/30/2009 15:20	A2023	

Shipment for Case Complete 7N	Sample(s) to be used for laboratory QC: MA1ZZ7, MA2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? —	Shipment Iced? —

TR Number: 1-581445056-120109-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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USEPA Site Assessment Program

Case #5: EPA-K001, EPA-IC001

Case No: 39296

DAS No:

SDG No:

L

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Airbill: 867379987630	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Relinquished By		(Date / Time)	Sampler Signature: <i>mgm</i>
1 <i>mgm</i>		12/1/09 18:00	
2			
3			
4			<i>mgm</i> 12/3/09 10:30

For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA2027	Soil (0"-24")	M/G	CN (14), Metals (14)	225 (Ice Only), 226 (Ice Only) (2)	SS-144	S: 11/30/2009 14:10	A2027	
MA2031	Soil (0"-24")	M/G	CN (14), Metals (14)	238 (Ice Only), 239 (Ice Only) (2)	SS-148	S: 12/1/2009 8:45	A2031	
MA2032	Soil (0"-24")	M/G	CN (14), Metals (14)	250 (Ice Only), 251 (Ice Only) (2)	SS-149	S: 11/30/2009 10:30	A2032	
MA2035	Soil (0"-24")	M/G	CN (14), Metals (14)	267 (Ice Only), 268 (Ice Only) (2)	SS-152	S: 11/30/2009 15:30	A2035	
MA2039	Soil (0"-24")	M/G	CN (14), Metals (14)	281 (Ice Only), 282 (Ice Only) (2)	SS-156	S: 12/1/2009 10:30	A2039	
MA2040	Soil (0"-24")	M/G	CN (14), Metals (14)	288 (Ice Only), 289 (Ice Only) (2)	SS-157	S: 11/30/2009 15:40	A2040	
MA2042	Soil (0"-24")	M/G	CN (14), Metals (14)	298 (Ice Only), 299 (Ice Only) (2)	SS-159	S: 11/30/2009 15:45	A2042	
MA2043	Soil (0"-24")	M/G	CN (14), Metals (14)	306 (Ice Only), 307 (Ice Only) (2)	SS-160	S: 11/30/2009 15:40	A2043	
MA2044	Soil (0"-24")	M/G	CN (14), Metals (14)	313 (Ice Only), 314 (Ice Only) (2)	SS-161	S: 12/1/2009 9:10	A2044	
MA2045	Soil (0"-24")	M/G	CN (14), Metals (14)	321 (Ice Only), 322 (Ice Only) (2)	SS-162	S: 12/1/2009 9:20	A2045	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MA1ZZ7, MA2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Shipment Iced? —

TR Number: 1-581445056-120109-0002

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USEPA Site Assessment Program

Cow #5: EPA31001, EPACIOOI

Case No: 39296

DAS No:

SDG No:

L

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Airbill: 867379987630	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Sampler Signature: <i>MM 4 W</i>	
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>MM 4 W</i>	12/1/09 1800		
2			
3			
4		<i>SW NW</i>	12/3/09 1030hrs

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/ TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA2046	Soil (0"-24")	M/G	CN (14), Metals (14)	329 (Ice Only), 330 (Ice Only) (2)	SS-163	S: 12/1/2009	A2046	
MA2048	Soil (0"-24")	M/G	CN (14), Metals (14)	338 (Ice Only), 339 (Ice Only) (2)	SS-165	S: 12/1/2009	A2048	
MA2051	Soil (0"-24")	M/G	CN (14), Metals (14)	349 (Ice Only), 350 (Ice Only) (2)	SS-168	S: 12/1/2009	A2051	
MA2053	Soil (0"-24")	M/G	CN (14), Metals (14)	358 (Ice Only), 359 (Ice Only) (2)	SS-170	S: 12/1/2009	A2053	
MA2057	Soil (0"-24")	M/G	CN (14), Metals (14)	372 (Ice Only), 373 (Ice Only) (2)	SS-174	S: 12/1/2009	A2057	
MA2058	Soil (0"-24")	M/G	CN (14), Metals (14)	379 (Ice Only), 380 (Ice Only) (2)	SS-175	S: 12/1/2009	A2058	
MA2063	Soil (0"-24")	M/G	CN (14), Metals (14)	405 (Ice Only), 406 (Ice Only) (2)	SS-180	S: 12/1/2009	A2063	
MA20P3	Soil (0"-24")	M/G	CN (14), Metals (14)	704 (Ice Only), 705 (Ice Only) (2)	SS-350	S: 11/30/2009	A20P3	
MA20P7	Soil (0"-24")	M/G	CN (14), Metals (14)	718 (Ice Only), 719 (Ice Only) (2)	SS-354	S: 11/30/2009	A20P7	
MA20P8	Soil (0"-24")	M/G	CN (14), Metals (14)	725 (Ice Only), 726 (Ice Only) (2)	SS-355	S: 11/30/2009	A20P8	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MA1ZZ7, MA2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? —	Shipment Iced? —

TR Number: 1-581445056-120109-0002

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USEPA Site Assessment Program

Case #3: EPA5K001, EPACT001

Case No: 39296

DAS No:

SDG No:

L

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/1/2009	Carrier Name: FedEx	Airbill: 867379987630	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>[Signature]</i>	12/1/09 1800	<i>[Signature]</i>	
2			
3			
4		<i>[Signature]</i>	12/3/09 1030hrs

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA20S2	Rinsate Blank	M/G	CN (14), Metals (14)	768 (HNO ₃), 769 (NaOH) (2)	RB-01	S: 11/30/2009 15:05	A20S2	
MA20S3	Rinsate Blank	M/G	CN (14), Metals (14)	779 (HNO ₃), 780 (NaOH) (2)	RB-02	S: 12/1/2009 11:30	A20S3	
MA20Y1	PE Soil	M/G	Metals (14)	848 (Ice Only) (1)	PE-IS5250	S: 11/30/2009 7:00		
MA20Y2	PE Soil	M/G	Metals (14)	849 (Ice Only) (1)	PE-IS5251	S: 11/30/2009 7:00		
MA20Y6	PE Soil	M/G	CN (14)	853 (Ice Only) (1)	PE-CNS2038	S: 11/30/2009 7:00		
MA20Y7	PE Soil	M/G	CN (14)	854 (Ice Only) (1)	PE-CNS1209	S: 11/30/2009 7:00		

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC: MA1ZZ7, MA2032	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? — Shipment Iced? —

TR Number: 1-581445056-120109-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA, 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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USEPA Site Assessment Program

Case #: EPAG-H006
EPA 5444
EPA 54325

Case No: 39296
DAS No:
SDG No:

L

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Alrbill: 870967522115	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record			
Relinquished By	(Date / Time)	Sampler Signature	Received By (Date / Time)
1 <i>Am 9</i>	12/3/09 1800h	<i>[Signature]</i>	<i>[Signature]</i>
2			
3			
4			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA2024	Soil (0"-24")	M/G	CN (14), Metals (14)	207 (Ice Only), 208 (Ice Only) (2)	SS-141	S: 12/1/2009 8:30	A2024	
MA2025	Soil (0"-24")	M/G	CN (14), Metals (14)	215 (Ice Only), 216 (Ice Only) (2)	SS-142	S: 12/1/2009 8:55	A2025	
MA2034	Soil (0"-24")	M/G	CN (14), Metals (14)	259 (Ice Only), 260 (Ice Only) (2)	SS-151	S: 12/1/2009 10:25	A2034	
MA2061	Soil (0"-24")	M/G	CN (14), Metals (14)	390 (Ice Only), 391 (Ice Only) (2)	SS-178	S: 12/1/2009 12:40	A2061	
MA2062	Soil (0"-24")	M/G	CN (14), Metals (14)	398 (Ice Only), 399 (Ice Only) (2)	SS-179	S: 12/1/2009 15:05	A2062	
MA2065	Soil (0"-24")	M/G	CN (14), Metals (14)	415 (Ice Only), 416 (Ice Only) (2)	SS-182	S: 12/1/2009 12:30	A2065	
MA2068	Soil (0"-24")	M/G	CN (14), Metals (14)	427 (Ice Only), 428 (Ice Only) (2)	SS-185	S: 12/1/2009 12:38	A2068	
MA2070	Soil (0"-24")	M/G	CN (14), Metals (14)	437 (Ice Only), 438 (Ice Only) (2)	SS-187	S: 12/1/2009 10:40	A2070	
MA2072	Soil (0"-24")	M/G	CN (14), Metals (14)	446 (Ice Only), 447 (Ice Only) (2)	SS-189	S: 12/1/2009 10:55	A2072	
MA2077	Soil (0"-24")	M/G	CN (14), Metals (14)	466 (Ice Only), 467 (Ice Only) (2)	SS-194	S: 12/1/2009 13:50	A2077	

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: MA2077, MA2092, MA20D5, MA20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input type="checkbox"/>
IR Number: 1-581445056-120309-0002				

IR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602



USEPA Site Assessment Program

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522115	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Sampler Signature: <i>M. Allen</i>	
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>M. Allen</i>	12/3/09 18:00		
2			
3			
4			

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA2078	Soil (0"-24")	M/G	CN (14), Metals (14)	473 (Ice Only), 474 (Ice Only) (2)	SS-195	S: 12/1/2009 12:50	A2078	
MA2083	Soil (0"-24")	M/G	CN (14), Metals (14)	488 (Ice Only), 489 (Ice Only) (2)	SS-200	S: 12/1/2009 14:30	A2083	
MA2085	Soil (0"-24")	M/G	CN (14), Metals (14)	497 (Ice Only), 498 (Ice Only) (2)	SS-202	S: 12/1/2009 13:45	A2085	
MA2086	Soil (0"-24")	M/G	CN (14), Metals (14)	504 (Ice Only), 505 (Ice Only) (2)	SS-203	S: 12/1/2009 13:40	A2086	
MA2087	Soil (0"-24")	M/G	CN (14), Metals (14)	512 (Ice Only), 513 (Ice Only) (2)	SS-204	S: 12/1/2009 13:55	A2087	
MA2089	Soil (0"-24")	M/G	CN (14), Metals (14)	522 (Ice Only), 523 (Ice Only) (2)	SS-206	S: 12/1/2009 10:56	A2089	
MA2092	Soil (0"-24")	M/G	CN (14), Metals (14)	537 (Ice Only), 538 (Ice Only) (2)	SS-209	S: 12/1/2009 14:10	A2092	
MA2095	Soil (0"-24")	M/G	CN (14), Metals (14)	546 (Ice Only), 549 (Ice Only) (2)	SS-212	S: 12/2/2009 9:25	A2095	
MA2096	Soil (0"-24")	M/G	CN (14), Metals (14)	555 (Ice Only), 556 (Ice Only) (2)	SS-213	S: 12/2/2009 9:20	A2096	
MA2097	Soil (0"-24")	M/G	CN (14), Metals (14)	563 (Ice Only), 564 (Ice Only) (2)	SS-214	S: 12/2/2009 9:15	A2097	

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: MA2077, MA2092, MA20D5, MA20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? _____ Shipment Lead? _____

IR Number: 1-581445056-120309-0002

IR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602



USEPA Site Assessment Program

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522115	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700	Chain of Custody Record	Case No: 39296 DAS No: SDG No:
Relinquished By: <i>[Signature]</i> (Date / Time) 12/3/09 18:05				Sampler Signature: <i>[Signature]</i> (Date / Time) 12/9/09	For Lab Use Only
1 <i>[Signature]</i>				Received By: <i>[Signature]</i>	Lab Contract No:
2 <i>[Signature]</i>					Unit Price:
3 <i>[Signature]</i>					Transfer To:
4 <i>[Signature]</i>					Lab Contract No:
					Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA20A4	Soil (0"-24")	M/G	CN (14), Metals (14)	587 (Ice Only), 588 (Ice Only) (2)	SS-221	S: 12/2/2009	A20A4	
MA20A5	Soil (0"-24")	M/G	CN (14), Metals (14)	595 (Ice Only), 596 (Ice Only) (2)	SS-222	S: 12/2/2009	A20A5	
MA20A6	Soil (0"-24")	M/G	CN (14), Metals (14)	603 (Ice Only), 604 (Ice Only) (2)	SS-223	S: 12/2/2009	A20A6	
MA20A8	Soil (0"-24")	M/G	CN (14), Metals (14)	612 (Ice Only), 613 (Ice Only) (2)	SS-225	S: 12/2/2009	A20A8	
MA20B0	Soil (0"-24")	M/G	CN (14), Metals (14)	622 (Ice Only), 623 (Ice Only) (2)	SS-227	S: 12/2/2009	A20B0	
MA20B2	Soil (0"-24")	M/G	CN (14), Metals (14)	632 (Ice Only), 633 (Ice Only) (2)	SS-229	S: 12/2/2009	A20B2	
MA20B4	Soil (0"-24")	M/G	CN (14), Metals (14)	641 (Ice Only), 642 (Ice Only) (2)	SS-231	S: 12/2/2009	A20B4	
MA20B5	Soil (0"-24")	M/G	CN (14), Metals (14)	649 (Ice Only), 650 (Ice Only) (2)	SS-232	S: 12/2/2009	A20B5	
MA20B9	Soil (0"-24")	M/G	CN (14), Metals (14)	663 (Ice Only), 664 (Ice Only) (2)	SS-236	S: 12/2/2009	A20B9	
MA20C0	Soil (0"-24")	M/G	CN (14), Metals (14)	670 (Ice Only), 671 (Ice Only) (2)	SS-237	S: 12/2/2009	A20C0	

Shipment for Case Complete PY	Sample(s) to be used for laboratory QC: MA2077, MA2092, MA20D5, MA20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? <input type="checkbox"/> Shipment Iced? <input type="checkbox"/>

IR Number: 1-581445056-120309-0002

*R provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA, 20151-3819 Phone 703/818-4200; Fax 703/818-4602



USEPA Site Assessment Program

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522115	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Relinquished By: <i>[Signature]</i>		Date / Time: 12/3/09 18:00	
Sampler Signature: <i>[Signature]</i>		Date / Time: 12/2/2009	
Lab Contract No:		Unit Price:	
Transfer To:		Lab Contract No:	
Unit Price:		Unit Price:	

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA20C1	Soil (0"-24")	M/G	CN (14), Metals (14)	678 (Ice Only), 679 (Ice Only) (2)	SS-238	S: 12/2/2009 15:30	A20C1	
MA20C3	Soil (0"-24")	M/G	CN (14), Metals (14)	864 (Ice Only), 865 (Ice Only) (2)	SS-240	S: 12/2/2009 13:40	A20C3	
MA20C4	Soil (0"-24")	M/G	CN (14), Metals (14)	872 (Ice Only), 873 (Ice Only) (2)	SS-241	S: 12/2/2009 13:30	A20C4	
MA20C5	Soil (0"-24")	M/G	CN (14), Metals (14)	880 (Ice Only), 881 (Ice Only) (2)	SS-242	S: 12/2/2009 13:00	A20C5	
MA20C7	Soil (0"-24")	M/G	CN (14), Metals (14)	889 (Ice Only), 890 (Ice Only) (2)	SS-244	S: 12/2/2009 14:30	A20C7	
MA20D0	Soil (0"-24")	M/G	CN (14), Metals (14)	900 (Ice Only), 901 (Ice Only) (2)	SS-247	S: 12/2/2009 14:50	A20D0	
MA20D2	Soil (0"-24")	M/G	CN (14), Metals (14)	909 (Ice Only), 910 (Ice Only) (2)	SS-249	S: 12/2/2009 14:35	A20D2	
MA20D4	Soil (0"-24")	M/G	CN (14), Metals (14)	918 (Ice Only), 919 (Ice Only) (2)	SS-251	S: 12/2/2009 13:12	A20D4	
MA20D5	Soil (0"-24")	M/G	CN (14), Metals (14)	930 (Ice Only), 931 (Ice Only) (2)	SS-252	S: 12/2/2009 12:00	A20D5	
MA20D7	Soil (0"-24")	M/G	CN (14), Metals (14)	939 (Ice Only), 940 (Ice Only) (2)	SS-254	S: 12/2/2009 11:50	A20D7	

Shipment for Case Complete	Sample(s) to be used for laboratory QC: MA2077, MA2092, MA20D5, MA20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: 1-581445056-120309-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA, 20151-3819 Phone 703/818-4200; Fax 703/818-4602



USEPA Site Assessment Program

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522115	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Relinquished By: <i>MAW</i>	Date / Time: 12/3/09 1:40
Sampler Signature: <i>MAW</i>		Received By: <i>MAW</i>	Date / Time: <i>MAW</i>
Lab Contract No.:			
Unit Price:			
Transfer To:			
Lab Contract No.:			
Unit Price:			

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No.:
Unit Price:
Transfer To:
Lab Contract No.:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA20E0	Soil (0"-24")	M/G	CN (14), Metals (14)	951 (Ice Only), 952 (Ice Only) (2)	SS-257	S: 12/2/2009	A20E0	
MA20E2	Soil (0"-24")	M/G	CN (14), Metals (14)	960 (Ice Only), 961 (Ice Only) (2)	SS-259	S: 12/2/2009	A20E2	
MA20E3	Soil (0"-24")	M/G	CN (14), Metals (14)	967 (Ice Only), 968 (Ice Only) (2)	SS-260	S: 12/2/2009	A20E3	
MA20E4	Soil (0"-24")	M/G	CN (14), Metals (14)	975 (Ice Only), 976 (Ice Only) (2)	SS-261	S: 12/2/2009	A20E4	
MA20E6	Soil (0"-24")	M/G	CN (14), Metals (14)	984 (Ice Only), 985 (Ice Only) (2)	SS-263	S: 12/2/2009	A20E6	
MA20E8	Soil (0"-24")	M/G	CN (14), Metals (14)	994 (Ice Only), 995 (Ice Only) (2)	SS-265	S: 12/2/2009	A20E8	
MA20F0	Soil (0"-24")	M/G	CN (14), Metals (14)	1003 (Ice Only), 1004 (Ice Only) (2)	SS-267	S: 12/2/2009	A20F0	
MA20F2	Soil (0"-24")	M/G	CN (14), Metals (14)	1012 (Ice Only), 1013 (Ice Only) (2)	SS-269	S: 12/2/2009	A20F2	
MA20F3	Soil (0"-24")	M/G	CN (14), Metals (14)	1020 (Ice Only), 1021 (Ice Only) (2)	SS-270	S: 12/2/2009	A20F3	
MA20F5	Soil (0"-24")	M/G	CN (14), Metals (14)	1029 (Ice Only), 1030 (Ice Only) (2)	SS-272	S: 12/3/2009	A20F5	

Shipment for Case Completed? Y	Sample(s) to be used for laboratory QC: MA2077, MA2092, MA20D5, MA20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Shipment Iced?

R Number: 1-581445056-120309-0002

provides preliminary results. Requests for preliminary results will increase analytical costs. and Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602



USEPA Site Assessment Program

Inorganic Traffic Report & Chain of Custody Record

Date Shipped:	12/3/2009	Carrier Name:	FedEx	Airbill:	870967522115	Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record		Sampler Signature: <i>MA 9 m</i>					
Relinquished By	(Date / Time)	Received By	(Date / Time)				
1 <i>MA 9 m</i>	12/3/09 1800						
2							
3							
4							

Case No:	39296
DAS No:	
SDG No:	

For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA20F6	Soil (0"-24")	M/G	CN (14), Metals (14)	1037 (Ice Only), 1038 (Ice Only) (2)	SS-273	S: 12/2/2009	A20F6	
MA20F8	Soil (0"-24")	M/G	CN (14), Metals (14)	1046 (Ice Only), 1047 (Ice Only) (2)	SS-275	S: 12/2/2009	A20F8	
MA20F9	Soil (0"-24")	M/G	CN (14), Metals (14)	1054 (Ice Only), 1055 (Ice Only) (2)	SS-276	S: 12/2/2009	A20F9	
MA20G0	Soil (0"-24")	M/G	CN (14), Metals (14)	1061 (Ice Only), 1062 (Ice Only) (2)	SS-277	S: 12/2/2009	A20G0	
MA20G1	Soil (0"-24")	M/G	CN (14), Metals (14)	1068 (Ice Only), 1069 (Ice Only) (2)	SS-278	S: 12/2/2009	A20G1	
MA20G3	Soil (0"-24")	M/G	CN (14), Metals (14)	1078 (Ice Only), 1079 (Ice Only) (2)	SS-280	S: 12/2/2009	A20G3	
MA20G5	Soil (0"-24")	M/G	CN (14), Metals (14)	1091 (Ice Only), 1092 (Ice Only) (2)	SS-282	S: 12/2/2009	A20G5	
MA20G7	Soil (0"-24")	M/G	CN (14), Metals (14)	1101 (Ice Only), 1102 (Ice Only) (2)	SS-284	S: 12/2/2009	A20G7	
MA20G8	Soil (0"-24")	M/G	CN (14), Metals (14)	1108 (Ice Only), 1109 (Ice Only) (2)	SS-285	S: 12/2/2009	A20G8	
MA20H0	Soil (0"-24")	M/G	CN (14), Metals (14)	1118 (Ice Only), 1119 (Ice Only) (2)	SS-287	S: 12/3/2009	A20H0	

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: MA2077, MA2092, MA20D5, MA20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		

R Number: 1-581445056-120309-0002

Provides preliminary results. Requests for preliminary results will increase analytical costs. and Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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USEPA Site Assessment Program

Inorganic Traffic Report & Chain of Custody Record

Date Shipped:	12/3/2009	Chain of Custody Record	Sampler Signature: <i>MM 9 m</i>
Carrier Name:	FedEx	Relinquished By	Received By
Airbill:	870967522115	1 <i>MM 9 m</i>	12/3/09 <i>elco</i>
Shipped to:	Datachem Laboratories, Inc.	2	
	960 West LeVoy Drive	3	
	attn: Meredith Edwards	4	
	Salt Lake City UT 84123		
	(801) 266-7700		

Case No:	39296
DAS No:	
SDG No:	

For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA20H1	Soil (0"-24")	M/G	CN (14), Metals (14)	1125 (Ice Only), 1126 (Ice Only) (2)	SS-288	S: 12/3/2009 10:00	A20H1	
MA20H3	Soil (0"-24")	M/G	CN (14), Metals (14)	1135 (Ice Only), 1136 (Ice Only) (2)	SS-290	S: 12/3/2009 9:17	A20H3	
MA20P1	Soil (0"-24")	M/G	CN (14), Metals (14)	688 (Ice Only), 689 (Ice Only) (2)	SS-348	S: 12/2/2009 8:20	A20P1	
MA20P2	Soil (0"-24")	M/G	CN (14), Metals (14)	696 (Ice Only), 697 (Ice Only) (2)	SS-349	S: 12/1/2009 15:05	A20P2	
MA20P4	Soil (0"-24")	M/G	CN (14), Metals (14)	1163 (Ice Only), 1164 (Ice Only) (2)	SS-351	S: 12/2/2009 13:40	A20P4	
MA20P5	Soil (0"-24")	M/G	CN (14), Metals (14)	1171 (Ice Only), 1172 (Ice Only) (2)	SS-352	S: 12/2/2009 14:50	A20P5	
MA20P6	Soil (0"-24")	M/G	CN (14), Metals (14)	711 (Ice Only), 712 (Ice Only) (2)	SS-353	S: 12/2/2009 9:20	A20P6	
MA20P9	Soil (0"-24")	M/G	CN (14), Metals (14)	1178 (Ice Only), 1179 (Ice Only) (2)	SS-356	S: 12/3/2009 9:30	A20P9	
MA20S4	Rinsate Blank	M/G	CN (14), Metals (14)	1189 (HNO3), 1190 (NaOH) (2)	RB-03	S: 12/2/2009 14:00	A20S4	
MA20Y3	PE Soil	M/G	Metals (14)	850 (Ice Only) (1)	PE-IS5255	S: 11/30/2009 7:00		

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	MA2077, MA2092, MA20D5, MA20G5			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>
CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES				

R Number: 1-581445056-120309-0002

† provides preliminary results. Requests for preliminary results will increase analytical costs and Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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USEPA Site Assessment Program

Inorganic Traffic Report & Chain of Custody Record

Date Shipped: 12/3/2009	Carrier Name: FedEx	Airbill: 870967522115	Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive attn: Meredith Edwards Salt Lake City UT 84123 (801) 266-7700
Chain of Custody Record			
Relinquished By	(Date / Time)	Sampler Signature	Received By (Date / Time)
1 <i>mu gwr</i>	12/3/09 1600	<i>[Signature]</i>	<i>[Signature]</i>
2			
3			
4			

Case No: 39296
DAS No:
SDG No:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNOVER	PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA20Y4	PE Soil	M/G	Metals (14)	851 (Ice Only) (1)	PE-IS5257	S: 11/30/2009 7:00		
MA20Y5	PE Soil	M/G	Metals (14)	852 (Ice Only) (1)	PE-IS5259	S: 11/30/2009 7:00		
MA20Y8	PE Soil	M/G	CN (14)	855 (Ice Only) (1)	PE-CNS1220	S: 11/30/2009 7:00		
MA20Y9	PE Soil	M/G	CN (14)	856 (Ice Only) (1)	PE-CNS1302	S: 11/30/2009 7:00		
MA20Z0	PE Soil	M/G	CN (14)	857 (Ice Only) (1)	PE-CNS2011	S: 11/30/2009 7:00		

Shipment for Case complete?	Sample(s) to be used for laboratory QC: MA2077, MA2092, MA20D5, MA20G5	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ILM05.4 ICP-AES, Metals = Metals, ILM05.4 ICP-AES	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Shipment Issued?

R Number: 1-581445056-120309-0002

provides preliminary results. Requests for preliminary results will increase analytical costs. and Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY

Marino Property Site

Sampler Signatures:



CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0110	AS-01	A1ZY1	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1432	1	poly bag	None	N
	R01-090511JT-0110	AS-01	A1ZY1	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1432	1	poly bag	None	N
	R01-090511JT-0111	AS-02	A1ZY2	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1441	1	poly bag	None	N
	R01-090511JT-0111	AS-02	A1ZY2	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1441	1	poly bag	None	N
	R01-090511JT-0112	SS-100	A1ZY3	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1012	1	poly bag	None	N
	R01-090511JT-0112	SS-100	A1ZY3	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1012	1	poly bag	None	N
	R01-090511JT-0113	SS-101	A1ZY4	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1021	1	poly bag	None	N
	R01-090511JT-0113	SS-101	A1ZY4	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1021	1	poly bag	None	N
	R01-090511JT-0114	SS-102	A1ZY5	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1110	1	poly bag	None	N
	R01-090511JT-0114	SS-102	A1ZY5	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1110	1	poly bag	None	N
	R01-090511JT-0115	SS-103	A1ZY6	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1140	1	poly bag	None	N
	R01-090511JT-0115	SS-103	A1ZY6	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1140	1	poly bag	None	N
	R01-090511JT-0116	SS-104	A1ZY7	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1206	1	poly bag	None	N
	R01-090511JT-0116	SS-104	A1ZY7	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1206	1	poly bag	None	N
	R01-090511JT-0117	SS-105	A1ZY8	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1340	1	poly bag	None	N
	R01-090511JT-0117	SS-105	A1ZY8	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1340	1	poly bag	None	N
	R01-090511JT-0118	SS-106	A1ZY9	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1105	1	poly bag	None	N
	R01-090511JT-0118	SS-106	A1ZY9	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1105	1	poly bag	None	N
	R01-090511JT-0119	SS-107	A1ZZ0	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1115	1	poly bag	None	N

Special Instructions: Please email results to Tsang.Janis@epa.gov

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

[illegible]

Marino Property Site

Sampler Signatures:

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

CHAIN OF CUSTODY RECORD

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0119	SS-107	A1ZZ0	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1115	1	poly bag	None	N
	R01-090511JT-0120	SS-108	A1ZZ1	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1505	1	poly bag	None	N
	R01-090511JT-0120	SS-108	A1ZZ1	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1505	1	poly bag	None	N
	R01-090511JT-0121	SS-109	A1ZZ2	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1530	1	poly bag	None	N
	R01-090511JT-0121	SS-109	A1ZZ2	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1530	1	poly bag	None	N
	R01-090511JT-0122	SS-110	A1ZZ3	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1540	1	poly bag	None	N
	R01-090511JT-0122	SS-110	A1ZZ3	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1540	1	poly bag	None	N
	R01-090511JT-0123	SS-111	A1ZZ4	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1330	1	poly bag	None	N
	R01-090511JT-0123	SS-111	A1ZZ4	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1330	1	poly bag	None	N
	R01-090511JT-0124	SS-112	A1ZZ5	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1444	1	poly bag	None	N
	R01-090511JT-0124	SS-112	A1ZZ5	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1444	1	poly bag	None	N
	R01-090511JT-0125	SS-113	A1ZZ6	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1140	1	poly bag	None	N
	R01-090511JT-0125	SS-113	A1ZZ6	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1140	1	poly bag	None	N
	R01-090511JT-0126	SS-114	A1ZZ7	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1400	1	poly bag	None	N
	R01-090511JT-0126	SS-114	A1ZZ7	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1400	1	poly bag	None	N
	R01-090511JT-0127	SS-115	A1ZZ8	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1415	1	poly bag	None	N
	R01-090511JT-0127	SS-115	A1ZZ8	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1415	1	poly bag	None	N
	R01-090511JT-0128	SS-116	A1ZZ9	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1340	1	poly bag	None	N
	R01-090511JT-0128	SS-116	A1ZZ9	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1340	1	poly bag	None	N

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Marino Property Site

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CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0129	SS-117	A2000	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1328	1	poly bag	None	N
	R01-090511JT-0129	SS-117	A2000	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1328	1	poly bag	None	N
	R01-090511JT-0130	SS-118	A2001	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1040	1	poly bag	None	N
	R01-090511JT-0130	SS-118	A2001	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1040	1	poly bag	None	N
	R01-090511JT-0131	SS-119	A2002	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1032	1	poly bag	None	N
	R01-090511JT-0131	SS-119	A2002	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1032	1	poly bag	None	N
	R01-090511JT-0132	SS-120	A2003	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1100	1	poly bag	None	N
	R01-090511JT-0132	SS-120	A2003	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1100	1	poly bag	None	N
	R01-090511JT-0133	SS-121	A2004	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1130	1	poly bag	None	N
	R01-090511JT-0133	SS-121	A2004	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1130	1	poly bag	None	N
	R01-090511JT-0134	SS-122	A2005	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1125	1	poly bag	None	N
	R01-090511JT-0134	SS-122	A2005	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1125	1	poly bag	None	N
	R01-090511JT-0135	SS-123	A2006	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1140	1	poly bag	None	N
	R01-090511JT-0135	SS-123	A2006	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1140	1	poly bag	None	N
	R01-090511JT-0136	SS-124	A2007	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1150	1	poly bag	None	N
	R01-090511JT-0136	SS-124	A2007	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1150	1	poly bag	None	N
	R01-090511JT-0137	SS-125	A2008	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1330	1	poly bag	None	N
	R01-090511JT-0137	SS-125	A2008	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1330	1	poly bag	None	N
	R01-090511JT-0138	SS-126	A2009	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1338	1	poly bag	None	N

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Site #: R01-09051.1JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0138	SS-126	A2009	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1338	1	poly bag	None	N
	R01-090511JT-0139	SS-127	A2010	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1125	1	poly bag	None	N
	R01-090511JT-0139	SS-127	A2010	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1125	1	poly bag	None	N
	R01-090511JT-0140	SS-128	A2011	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1355	1	poly bag	None	N
	R01-090511JT-0140	SS-128	A2011	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1355	1	poly bag	None	N
	R01-090511JT-0141	SS-129	A2012	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1036	1	poly bag	None	N
	R01-090511JT-0141	SS-129	A2012	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1036	1	poly bag	None	N
	R01-090511JT-0142	SS-130	A2013	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1035	1	poly bag	None	N
	R01-090511JT-0142	SS-130	A2013	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1035	1	poly bag	None	N
	R01-090511JT-0143	SS-131	A2014	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1403	1	poly bag	None	N
	R01-090511JT-0143	SS-131	A2014	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1403	1	poly bag	None	N
	R01-090511JT-0144	SS-132	A2015	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1410	1	poly bag	None	N
	R01-090511JT-0144	SS-132	A2015	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1410	1	poly bag	None	N
	R01-090511JT-0145	SS-133	A2016	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1050	1	poly bag	None	N
	R01-090511JT-0145	SS-133	A2016	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1050	1	poly bag	None	N
	R01-090511JT-0146	SS-134	A2017	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1015	1	poly bag	None	N
	R01-090511JT-0146	SS-134	A2017	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1015	1	poly bag	None	N
	R01-090511JT-0147	SS-135	A2018	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1020	1	poly bag	None	N
	R01-090511JT-0147	SS-135	A2018	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1020	1	poly bag	None	N

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No: R01-090511JT-12/04/09-0006

Contact Name: John Kelly

Contact Phone: (978) 621-8804

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0148	SS-136	A2019	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1420	1	poly bag	None	N
	R01-090511JT-0148	SS-136	A2019	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1420	1	poly bag	None	N
	R01-090511JT-0149	SS-137	A2020	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1515	1	poly bag	None	N
	R01-090511JT-0149	SS-137	A2020	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1515	1	poly bag	None	N
	R01-090511JT-0150	SS-138	A2021	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1500	1	poly bag	None	N
	R01-090511JT-0150	SS-138	A2021	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1500	1	poly bag	None	N
	R01-090511JT-0151	SS-139	A2022	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1440	1	poly bag	None	N
	R01-090511JT-0151	SS-139	A2022	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1440	1	poly bag	None	N
	R01-090511JT-0152	SS-140	A2023	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1520	1	poly bag	None	N
	R01-090511JT-0152	SS-140	A2023	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1520	1	poly bag	None	N
	R01-090511JT-0153	SS-141	A2024	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	830	1	poly bag	None	N
	R01-090511JT-0153	SS-141	A2024	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	830	1	poly bag	None	N
	R01-090511JT-0154	SS-142	A2025	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	855	1	poly bag	None	N
	R01-090511JT-0154	SS-142	A2025	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	855	1	poly bag	None	N
	R01-090511JT-0155	SS-143	A2026	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	915	1	poly bag	None	N
	R01-090511JT-0155	SS-143	A2026	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	915	1	poly bag	None	N
	R01-090511JT-0156	SS-144	A2027	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1410	1	poly bag	None	N
	R01-090511JT-0156	SS-144	A2027	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1410	1	poly bag	None	N
	R01-090511JT-0157	SS-145	A2028	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1435	1	poly bag	None	N

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Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0157	SS-145	A2028	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1435	1	poly bag	None	N
	R01-090511JT-0158	SS-146	A2029	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1445	1	poly bag	None	N
	R01-090511JT-0158	SS-146	A2029	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1445	1	poly bag	None	N
	R01-090511JT-0159	SS-147	A2030	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	855	1	poly bag	None	N
	R01-090511JT-0159	SS-147	A2030	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	855	1	poly bag	None	N
	R01-090511JT-0160	SS-148	A2031	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	845	1	poly bag	None	N
	R01-090511JT-0160	SS-148	A2031	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	845	1	poly bag	None	N
	R01-090511JT-0161	SS-149	A2032	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1030	1	poly bag	None	N
	R01-090511JT-0161	SS-149	A2032	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1030	1	poly bag	None	N
	R01-090511JT-0162	SS-150	A2033	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1010	1	poly bag	None	N
	R01-090511JT-0162	SS-150	A2033	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1010	1	poly bag	None	N
	R01-090511JT-0163	SS-151	A2034	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1055	1	poly bag	None	N
	R01-090511JT-0163	SS-151	A2034	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1055	1	poly bag	None	N
	R01-090511JT-0164	SS-152	A2035	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1530	1	poly bag	None	N
	R01-090511JT-0164	SS-152	A2035	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1530	1	poly bag	None	N
	R01-090511JT-0165	SS-153	A2036	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1545	1	poly bag	None	N
	R01-090511JT-0165	SS-153	A2036	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1545	1	poly bag	None	N
	R01-090511JT-0166	SS-154	A2037	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1023	1	poly bag	None	N
	R01-090511JT-0166	SS-154	A2037	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1023	1	poly bag	None	N

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Marino Property Site

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CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0167	SS-155	A2038	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1025	1	poly bag	None	N
	R01-090511JT-0167	SS-155	A2038	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1025	1	poly bag	None	N
	R01-090511JT-0168	SS-156	A2039	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1030	1	poly bag	None	N
	R01-090511JT-0168	SS-156	A2039	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1030	1	poly bag	None	N
	R01-090511JT-0169	SS-157	A2040	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1540	1	poly bag	None	N
	R01-090511JT-0169	SS-157	A2040	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1540	1	poly bag	None	N
	R01-090511JT-0170	SS-158	A2041	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1550	1	poly bag	None	N
	R01-090511JT-0170	SS-158	A2041	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1550	1	poly bag	None	N
	R01-090511JT-0171	SS-159	A2042	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1545	1	poly bag	None	N
	R01-090511JT-0171	SS-159	A2042	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1545	1	poly bag	None	N
	R01-090511JT-0172	SS-160	A2043	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1540	1	poly bag	None	N
	R01-090511JT-0172	SS-160	A2043	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1540	1	poly bag	None	N
	R01-090511JT-0173	SS-161	A2044	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	910	1	poly bag	None	N
	R01-090511JT-0173	SS-161	A2044	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	910	1	poly bag	None	N
	R01-090511JT-0174	SS-162	A2045	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	920	1	poly bag	None	N
	R01-090511JT-0174	SS-162	A2045	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	920	1	poly bag	None	N
	R01-090511JT-0175	SS-163	A2046	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	925	1	poly bag	None	N
	R01-090511JT-0175	SS-163	A2046	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	925	1	poly bag	None	N
	R01-090511JT-0176	SS-164	A2047	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	900	1	poly bag	None	N

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Marino Property Site

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Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0176	SS-164	A2047	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	900	1	poly bag	None	N
	R01-090511JT-0177	SS-165	A2048	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	850	1	poly bag	None	N
	R01-090511JT-0177	SS-165	A2048	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	850	1	poly bag	None	N
	R01-090511JT-0178	SS-166	A2049	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	910	1	poly bag	None	N
	R01-090511JT-0178	SS-166	A2049	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	910	1	poly bag	None	N
	R01-090511JT-0179	SS-167	A2050	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	905	1	poly bag	None	N
	R01-090511JT-0179	SS-167	A2050	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	905	1	poly bag	None	N
	R01-090511JT-0180	SS-168	A2051	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1001	1	poly bag	None	N
	R01-090511JT-0180	SS-168	A2051	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1001	1	poly bag	None	N
	R01-090511JT-0181	SS-169	A2052	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1230	1	poly bag	None	N
	R01-090511JT-0181	SS-169	A2052	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1230	1	poly bag	None	N
	R01-090511JT-0182	SS-170	A2053	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	935	1	poly bag	None	N
	R01-090511JT-0182	SS-170	A2053	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	935	1	poly bag	None	N
	R01-090511JT-0183	SS-171	A2054	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	920	1	poly bag	None	N
	R01-090511JT-0183	SS-171	A2054	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	920	1	poly bag	None	N
	R01-090511JT-0184	SS-172	A2055	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1220	1	poly bag	None	N
	R01-090511JT-0184	SS-172	A2055	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1220	1	poly bag	None	N
	R01-090511JT-0185	SS-173	A2056	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1000	1	poly bag	None	N
	R01-090511JT-0185	SS-173	A2056	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1000	1	poly bag	None	N

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Marino Property Site

Sampler Signatures:

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Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0186	SS-174	A2057	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	941	1	poly bag	None	N
	R01-090511JT-0186	SS-174	A2057	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	941	1	poly bag	None	N
	R01-090511JT-0187	SS-175	A2058	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	945	1	poly bag	None	N
	R01-090511JT-0187	SS-175	A2058	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	945	1	poly bag	None	N
	R01-090511JT-0188	SS-176	A2059	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1032	1	poly bag	None	N
	R01-090511JT-0188	SS-176	A2059	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1032	1	poly bag	None	N
	R01-090511JT-0189	SS-177	A2060	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1510	1	poly bag	None	N
	R01-090511JT-0189	SS-177	A2060	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1510	1	poly bag	None	N
	R01-090511JT-0190	SS-178	A2061	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1240	1	poly bag	None	N
	R01-090511JT-0190	SS-178	A2061	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1240	1	poly bag	None	N
	R01-090511JT-0191	SS-179	A2062	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1505	1	poly bag	None	N
	R01-090511JT-0191	SS-179	A2062	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1505	1	poly bag	None	N
	R01-090511JT-0192	SS-180	A2063	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	938	1	poly bag	None	N
	R01-090511JT-0192	SS-180	A2063	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	938	1	poly bag	None	N
	R01-090511JT-0193	SS-181	A2064	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1005	1	poly bag	None	N
	R01-090511JT-0193	SS-181	A2064	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1005	1	poly bag	None	N
	R01-090511JT-0194	SS-182	A2065	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1230	1	poly bag	None	N
	R01-090511JT-0194	SS-182	A2065	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1230	1	poly bag	None	N
	R01-090511JT-0195	SS-183	A2066	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1240	1	poly bag	None	N

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Marino Property Site

Sampler Signatures:

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CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0195	SS-183	A2066	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1240	1	poly bag	None	N
	R01-090511JT-0196	SS-184	A2067	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1335	1	poly bag	None	N
	R01-090511JT-0196	SS-184	A2067	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1335	1	poly bag	None	N
	R01-090511JT-0197	SS-185	A2068	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1238	1	poly bag	None	N
	R01-090511JT-0197	SS-185	A2068	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1238	1	poly bag	None	N
	R01-090511JT-0198	SS-186	A2069	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1510	1	poly bag	None	N
	R01-090511JT-0198	SS-186	A2069	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1510	1	poly bag	None	N
	R01-090511JT-0199	SS-187	A2070	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1040	1	poly bag	None	N
	R01-090511JT-0199	SS-187	A2070	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1040	1	poly bag	None	N
	R01-090511JT-0200	SS-188	A2071	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1250	1	poly bag	None	N
	R01-090511JT-0200	SS-188	A2071	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1250	1	poly bag	None	N
	R01-090511JT-0201	SS-189	A2072	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1055	1	poly bag	None	N
	R01-090511JT-0201	SS-189	A2072	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1055	1	poly bag	None	N
	R01-090511JT-0202	SS-190	A2073	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1430	1	poly bag	None	N
	R01-090511JT-0202	SS-190	A2073	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1430	1	poly bag	None	N
	R01-090511JT-0203	SS-191	A2074	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1040	1	poly bag	None	N
	R01-090511JT-0203	SS-191	A2074	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1040	1	poly bag	None	N
	R01-090511JT-0204	SS-192	A2075	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1310	1	poly bag	None	N
	R01-090511JT-0204	SS-192	A2075	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1310	1	poly bag	None	N

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Marino Property Site

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CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0205	SS-193	A2076	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1455	1	poly bag	None	N
	R01-090511JT-0205	SS-193	A2076	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1455	1	poly bag	None	N
	R01-090511JT-0206	SS-194	A2077	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1350	1	poly bag	None	N
	R01-090511JT-0206	SS-194	A2077	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1350	1	poly bag	None	N
	R01-090511JT-0207	SS-195	A2078	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1250	1	poly bag	None	N
	R01-090511JT-0207	SS-195	A2078	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1250	1	poly bag	None	N
	R01-090511JT-0208	SS-196	A2079	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1300	1	poly bag	None	N
	R01-090511JT-0208	SS-196	A2079	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1300	1	poly bag	None	N
	R01-090511JT-0209	SS-197	A2080	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1350	1	poly bag	None	N
	R01-090511JT-0209	SS-197	A2080	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1350	1	poly bag	None	N
	R01-090511JT-0210	SS-198	A2081	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1400	1	poly bag	None	N
	R01-090511JT-0210	SS-198	A2081	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1400	1	poly bag	None	N
	R01-090511JT-0211	SS-199	A2082	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1048	1	poly bag	None	N
	R01-090511JT-0211	SS-199	A2082	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1048	1	poly bag	None	N
	R01-090511JT-0212	SS-200	A2083	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1430	1	poly bag	None	N
	R01-090511JT-0212	SS-200	A2083	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1430	1	poly bag	None	N
	R01-090511JT-0213	SS-201	A2084	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1100	1	poly bag	None	N
	R01-090511JT-0213	SS-201	A2084	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1100	1	poly bag	None	N
	R01-090511JT-0214	SS-202	A2085	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1345	1	poly bag	None	N

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Contact Name: John Kelly

Contact Phone: (978) 621-8804

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No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0214	SS-202	A2085	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1345	1	poly bag	None	N
	R01-090511JT-0215	SS-203	A2086	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1340	1	poly bag	None	N
	R01-090511JT-0215	SS-203	A2086	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1340	1	poly bag	None	N
	R01-090511JT-0216	SS-204	A2087	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1355	1	poly bag	None	N
	R01-090511JT-0216	SS-204	A2087	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1355	1	poly bag	None	N
	R01-090511JT-0217	SS-205	A2088	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1400	1	poly bag	None	N
	R01-090511JT-0217	SS-205	A2088	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1400	1	poly bag	None	N
	R01-090511JT-0218	SS-206	A2089	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1056	1	poly bag	None	N
	R01-090511JT-0218	SS-206	A2089	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1056	1	poly bag	None	N
	R01-090511JT-0219	SS-207	A2090	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1105	1	poly bag	None	N
	R01-090511JT-0219	SS-207	A2090	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1105	1	poly bag	None	N
	R01-090511JT-0220	SS-208	A2091	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1330	1	poly bag	None	N
	R01-090511JT-0220	SS-208	A2091	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1330	1	poly bag	None	N
	R01-090511JT-0221	SS-209	A2092	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1410	1	poly bag	None	N
	R01-090511JT-0221	SS-209	A2092	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1410	1	poly bag	None	N
	R01-090511JT-0222	SS-210	A2093	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1410	1	poly bag	None	N
	R01-090511JT-0222	SS-210	A2093	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1410	1	poly bag	None	N
	R01-090511JT-0223	SS-211	A2094	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1020	1	poly bag	None	N
	R01-090511JT-0223	SS-211	A2094	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1020	1	poly bag	None	N

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Marino Property Site

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Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

CHAIN OF CUSTODY RECORD

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0224	SS-212	A2095	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	925	1	poly bag	None	N
	R01-090511JT-0224	SS-212	A2095	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	925	1	poly bag	None	N
	R01-090511JT-0225	SS-213	A2096	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	920	1	poly bag	None	N
	R01-090511JT-0225	SS-213	A2096	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	920	1	poly bag	None	N
	R01-090511JT-0226	SS-214	A2097	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	915	1	poly bag	None	N
	R01-090511JT-0226	SS-214	A2097	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	915	1	poly bag	None	N
	R01-090511JT-0227	SS-221	A20A4	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	810	1	poly bag	None	N
	R01-090511JT-0227	SS-221	A20A4	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	810	1	poly bag	None	N
	R01-090511JT-0228	SS-222	A20A5	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	820	1	poly bag	None	N
	R01-090511JT-0228	SS-222	A20A5	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	820	1	poly bag	None	N
	R01-090511JT-0229	SS-223	A20A6	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	805	1	poly bag	None	N
	R01-090511JT-0229	SS-223	A20A6	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	805	1	poly bag	None	N
	R01-090511JT-0230	SS-224	A20A7	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	800	1	poly bag	None	N
	R01-090511JT-0230	SS-224	A20A7	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	800	1	poly bag	None	N
	R01-090511JT-0231	SS-225	A20A8	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	845	1	poly bag	None	N
	R01-090511JT-0231	SS-225	A20A8	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	845	1	poly bag	None	N
	R01-090511JT-0232	SS-226	A20A9	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	850	1	poly bag	None	N
	R01-090511JT-0232	SS-226	A20A9	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	850	1	poly bag	None	N
	R01-090511JT-0233	SS-227	A20B0	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	900	1	poly bag	None	N

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Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0233	SS-227	A20B0	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	900	1	poly bag	None	N
	R01-090511JT-0234	SS-228	A20B1	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	900	1	poly bag	None	N
	R01-090511JT-0234	SS-228	A20B1	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	900	1	poly bag	None	N
	R01-090511JT-0235	SS-229	A20B2	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	855	1	poly bag	None	N
	R01-090511JT-0235	SS-229	A20B2	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	855	1	poly bag	None	N
	R01-090511JT-0236	SS-230	A20B3	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	857	1	poly bag	None	N
	R01-090511JT-0236	SS-230	A20B3	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	857	1	poly bag	None	N
	R01-090511JT-0237	SS-231	A20B4	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	905	1	poly bag	None	N
	R01-090511JT-0237	SS-231	A20B4	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	905	1	poly bag	None	N
	R01-090511JT-0238	SS-232	A20B5	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	910	1	poly bag	None	N
	R01-090511JT-0238	SS-232	A20B5	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	910	1	poly bag	None	N
	R01-090511JT-0239	SS-233	A20B6	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	950	1	poly bag	None	N
	R01-090511JT-0239	SS-233	A20B6	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	950	1	poly bag	None	N
	R01-090511JT-0240	SS-234	A20B7	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1000	1	poly bag	None	N
	R01-090511JT-0240	SS-234	A20B7	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1000	1	poly bag	None	N
	R01-090511JT-0241	SS-235	A20B8	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1010	1	poly bag	None	N
	R01-090511JT-0241	SS-235	A20B8	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1010	1	poly bag	None	N
	R01-090511JT-0242	SS-236	A20B9	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1030	1	poly bag	None	N
	R01-090511JT-0242	SS-236	A20B9	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1030	1	poly bag	None	N

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Marino Property Site

Sampler Signatures:

Site #: R01-090511JT

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Contact Phone: (978) 621-8804

CHAIN OF CUSTODY RECORD

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0243	SS-237	A20C0	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1525	1	poly bag	None	N
	R01-090511JT-0243	SS-237	A20C0	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1525	1	poly bag	None	N
	R01-090511JT-0244	SS-238	A20C1	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1530	1	poly bag	None	N
	R01-090511JT-0244	SS-238	A20C1	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1530	1	poly bag	None	N
	R01-090511JT-0245	SS-239	A20C2	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1535	1	poly bag	None	N
	R01-090511JT-0245	SS-239	A20C2	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1535	1	poly bag	None	N
	R01-090511JT-0246	SS-240	A20C3	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1340	1	poly bag	None	N
	R01-090511JT-0246	SS-240	A20C3	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1340	1	poly bag	None	N
	R01-090511JT-0247	SS-241	A20C4	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1330	1	poly bag	None	N
	R01-090511JT-0247	SS-241	A20C4	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1330	1	poly bag	None	N
	R01-090511JT-0248	SS-242	A20C5	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1300	1	poly bag	None	N
	R01-090511JT-0248	SS-242	A20C5	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1300	1	poly bag	None	N
	R01-090511JT-0249	SS-243	A20C6	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1420	1	poly bag	None	N
	R01-090511JT-0249	SS-243	A20C6	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1420	1	poly bag	None	N
	R01-090511JT-0250	SS-244	A20C7	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1430	1	poly bag	None	N
	R01-090511JT-0250	SS-244	A20C7	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1430	1	poly bag	None	N
	R01-090511JT-0251	SS-245	A20C8	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1435	1	poly bag	None	N
	R01-090511JT-0251	SS-245	A20C8	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1435	1	poly bag	None	N
	R01-090511JT-0252	SS-246	A20C9	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1500	1	poly bag	None	N

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Marino Property Site

Sampler Signatures:

CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0252	SS-246	A20C9	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1500	1	poly bag	None	N
	R01-090511JT-0253	SS-247	A20D0	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1450	1	poly bag	None	N
	R01-090511JT-0253	SS-247	A20D0	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1450	1	poly bag	None	N
	R01-090511JT-0254	SS-248	A20D1	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1450	1	poly bag	None	N
	R01-090511JT-0254	SS-248	A20D1	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1450	1	poly bag	None	N
	R01-090511JT-0255	SS-249	A20D2	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1435	1	poly bag	None	N
	R01-090511JT-0255	SS-249	A20D2	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1435	1	poly bag	None	N
	R01-090511JT-0256	SS-250	A20D3	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1430	1	poly bag	None	N
	R01-090511JT-0256	SS-250	A20D3	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1430	1	poly bag	None	N
	R01-090511JT-0257	SS-251	A20D4	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1312	1	poly bag	None	N
	R01-090511JT-0257	SS-251	A20D4	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1312	1	poly bag	None	N
	R01-090511JT-0258	SS-252	A20D5	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1200	1	poly bag	None	N
	R01-090511JT-0258	SS-252	A20D5	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1200	1	poly bag	None	N
	R01-090511JT-0259	SS-253	A20D6	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1130	1	poly bag	None	N
	R01-090511JT-0259	SS-253	A20D6	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1130	1	poly bag	None	N
	R01-090511JT-0260	SS-254	A20D7	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1150	1	poly bag	None	N
	R01-090511JT-0260	SS-254	A20D7	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1150	1	poly bag	None	N
	R01-090511JT-0261	SS-255	A20D8	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1138	1	poly bag	None	N
	R01-090511JT-0261	SS-255	A20D8	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1138	1	poly bag	None	N

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Marino Property Site
Sampler Signatures:

CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0262	SS-256	A20D9	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1145	1	poly bag	None	N
	R01-090511JT-0262	SS-256	A20D9	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1145	1	poly bag	None	N
	R01-090511JT-0263	SS-257	A20E0	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1450	1	poly bag	None	N
	R01-090511JT-0263	SS-257	A20E0	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1450	1	poly bag	None	N
	R01-090511JT-0264	SS-258	A20E1	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1440	1	poly bag	None	N
	R01-090511JT-0264	SS-258	A20E1	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1440	1	poly bag	None	N
	R01-090511JT-0265	SS-259	A20E2	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1205	1	poly bag	None	N
	R01-090511JT-0265	SS-259	A20E2	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1205	1	poly bag	None	N
	R01-090511JT-0266	SS-260	A20E3	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1425	1	poly bag	None	N
	R01-090511JT-0266	SS-260	A20E3	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1425	1	poly bag	None	N
	R01-090511JT-0267	SS-261	A20E4	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1415	1	poly bag	None	N
	R01-090511JT-0267	SS-261	A20E4	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1415	1	poly bag	None	N
	R01-090511JT-0268	SS-262	A20E5	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1405	1	poly bag	None	N
	R01-090511JT-0268	SS-262	A20E5	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1405	1	poly bag	None	N
	R01-090511JT-0269	SS-263	A20E6	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1400	1	poly bag	None	N
	R01-090511JT-0269	SS-263	A20E6	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1400	1	poly bag	None	N
	R01-090511JT-0270	SS-264	A20E7	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1400	1	poly bag	None	N
	R01-090511JT-0270	SS-264	A20E7	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1400	1	poly bag	None	N
	R01-090511JT-0271	SS-265	A20E8	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1355	1	poly bag	None	N

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Marino Property Site

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CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0271	SS-265	A20E8	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1355	1	poly bag	None	N
	R01-090511JT-0272	SS-266	A20E9	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1355	1	poly bag	None	N
	R01-090511JT-0272	SS-266	A20E9	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1355	1	poly bag	None	N
	R01-090511JT-0273	SS-267	A20F0	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1345	1	poly bag	None	N
	R01-090511JT-0273	SS-267	A20F0	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1345	1	poly bag	None	N
	R01-090511JT-0274	SS-268	A20F1	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1345	1	poly bag	None	N
	R01-090511JT-0274	SS-268	A20F1	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1345	1	poly bag	None	N
	R01-090511JT-0275	SS-269	A20F2	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1325	1	poly bag	None	N
	R01-090511JT-0275	SS-269	A20F2	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1325	1	poly bag	None	N
	R01-090511JT-0276	SS-270	A20F3	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1100	1	poly bag	None	N
	R01-090511JT-0276	SS-270	A20F3	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1100	1	poly bag	None	N
	R01-090511JT-0277	SS-271	A20F4	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1110	1	poly bag	None	N
	R01-090511JT-0277	SS-271	A20F4	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1110	1	poly bag	None	N
	R01-090511JT-0278	SS-272	A20F5	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2009	930	1	poly bag	None	N
	R01-090511JT-0278	SS-272	A20F5	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2009	930	1	poly bag	None	N
	R01-090511JT-0279	SS-273	A20F6	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1100	1	poly bag	None	N
	R01-090511JT-0279	SS-273	A20F6	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1100	1	poly bag	None	N
	R01-090511JT-0280	SS-274	A20F7	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1054	1	poly bag	None	N
	R01-090511JT-0280	SS-274	A20F7	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1054	1	poly bag	None	N

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Marino Property Site

Sampler Signatures:

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

CHAIN OF CUSTODY RECORD

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0281	SS-275	A20F8	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1040	1	poly bag	None	N
	R01-090511JT-0281	SS-275	A20F8	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1040	1	poly bag	None	N
	R01-090511JT-0282	SS-276	A20F9	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1110	1	poly bag	None	N
	R01-090511JT-0282	SS-276	A20F9	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1110	1	poly bag	None	N
	R01-090511JT-0283	SS-277	A20G0	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1030	1	poly bag	None	N
	R01-090511JT-0283	SS-277	A20G0	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1030	1	poly bag	None	N
	R01-090511JT-0284	SS-278	A20G1	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1025	1	poly bag	None	N
	R01-090511JT-0284	SS-278	A20G1	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1025	1	poly bag	None	N
	R01-090511JT-0285	SS-279	A20G2	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1045	1	poly bag	None	N
	R01-090511JT-0285	SS-279	A20G2	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1045	1	poly bag	None	N
	R01-090511JT-0286	SS-280	A20G3	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1050	1	poly bag	None	N
	R01-090511JT-0286	SS-280	A20G3	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1050	1	poly bag	None	N
	R01-090511JT-0287	SS-281	A20G4	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1330	1	poly bag	None	N
	R01-090511JT-0287	SS-281	A20G4	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1330	1	poly bag	None	N
	R01-090511JT-0288	SS-282	A20G5	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1315	1	poly bag	None	N
	R01-090511JT-0288	SS-282	A20G5	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1315	1	poly bag	None	N
	R01-090511JT-0289	SS-283	A20G6	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1302	1	poly bag	None	N
	R01-090511JT-0289	SS-283	A20G6	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1302	1	poly bag	None	N
	R01-090511JT-0290	SS-284	A20G7	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1325	1	poly bag	None	N

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Marino Property Site

Sampler Signatures:

CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0290	SS-284	A20G7	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1325	1	poly bag	None	N
	R01-090511JT-0291	SS-285	A20G8	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1310	1	poly bag	None	N
	R01-090511JT-0291	SS-285	A20G8	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1310	1	poly bag	None	N
	R01-090511JT-0292	SS-286	A20G9	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1313	1	poly bag	None	N
	R01-090511JT-0292	SS-286	A20G9	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1313	1	poly bag	None	N
	R01-090511JT-0293	SS-287	A20H0	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2009	948	1	poly bag	None	N
	R01-090511JT-0293	SS-287	A20H0	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2009	948	1	poly bag	None	N
	R01-090511JT-0294	SS-288	A20H1	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2009	1000	1	poly bag	None	N
	R01-090511JT-0294	SS-288	A20H1	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2009	1000	1	poly bag	None	N
	R01-090511JT-0295	SS-289	A20H2	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1600	1	poly bag	None	N
	R01-090511JT-0295	SS-289	A20H2	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1600	1	poly bag	None	N
	R01-090511JT-0296	SS-290	A20H3	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2009	917	1	poly bag	None	N
	R01-090511JT-0296	SS-290	A20H3	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2009	917	1	poly bag	None	N
	R01-090511JT-0297	SS-291	A20H4	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1515	1	poly bag	None	N
	R01-090511JT-0297	SS-291	A20H4	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1515	1	poly bag	None	N
	R01-090511JT-0298	SS-292	A20H5	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1520	1	poly bag	None	N
	R01-090511JT-0298	SS-292	A20H5	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1520	1	poly bag	None	N
	R01-090511JT-0299	SS-293	A20H6	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1545	1	poly bag	None	N
	R01-090511JT-0299	SS-293	A20H6	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1545	1	poly bag	None	N

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Marino Property Site

Sampler Signatures:

CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0300	SS-294	A20H7	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1550	1	poly bag	None	N
	R01-090511JT-0300	SS-294	A20H7	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1550	1	poly bag	None	N
	R01-090511JT-0301	SS-295	A20H8	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1559	1	poly bag	None	N
	R01-090511JT-0301	SS-295	A20H8	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1559	1	poly bag	None	N
	R01-090511JT-0302	SS-296	A20H9	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1530	1	poly bag	None	N
	R01-090511JT-0302	SS-296	A20H9	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1530	1	poly bag	None	N
	R01-090511JT-0303	SS-297	A20J0	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1535	1	poly bag	None	N
	R01-090511JT-0303	SS-297	A20J0	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1535	1	poly bag	None	N
	R01-090511JT-0304	SS-298	A20J1	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1542	1	poly bag	None	N
	R01-090511JT-0304	SS-298	A20J1	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1542	1	poly bag	None	N
	R01-090511JT-0305	SS-299	A20J2	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1548	1	poly bag	None	N
	R01-090511JT-0305	SS-299	A20J2	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1548	1	poly bag	None	N
	R01-090511JT-0306	SS-300	A20J3	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1530	1	poly bag	None	N
	R01-090511JT-0306	SS-300	A20J3	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1530	1	poly bag	None	N
	R01-090511JT-0307	SS-301	A20J4	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2009	1055	1	poly bag	None	N
	R01-090511JT-0307	SS-301	A20J4	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2009	1055	1	poly bag	None	N
	R01-090511JT-0308	SS-348	A20P1	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	820	1	poly bag	None	N
	R01-090511JT-0308	SS-348	A20P1	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	820	1	poly bag	None	N
	R01-090511JT-0309	SS-349	A20P2	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1505	1	poly bag	None	N

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Marino Property Site

Sampler Signatures:

CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0309	SS-349	A20P2	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1505	1	poly bag	None	N
	R01-090511JT-0310	SS-350	A20P3	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1410	1	poly bag	None	N
	R01-090511JT-0310	SS-350	A20P3	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1410	1	poly bag	None	N
	R01-090511JT-0311	SS-351	A20P4	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1340	1	poly bag	None	N
	R01-090511JT-0311	SS-351	A20P4	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1340	1	poly bag	None	N
	R01-090511JT-0312	SS-352	A20P5	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	1450	1	poly bag	None	N
	R01-090511JT-0312	SS-352	A20P5	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	1450	1	poly bag	None	N
	R01-090511JT-0313	SS-353	A20P6	Metals (EIA-FLDXRFN3)	Soil	Grab	12/2/2009	920	1	poly bag	None	N
	R01-090511JT-0313	SS-353	A20P6	PCBs (EIA-FLDPCB2)	Soil	Grab	12/2/2009	920	1	poly bag	None	N
	R01-090511JT-0314	SS-354	A20P7	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1500	1	poly bag	None	N
	R01-090511JT-0314	SS-354	A20P7	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1500	1	poly bag	None	N
	R01-090511JT-0315	SS-355	A20P8	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1015	1	poly bag	None	N
	R01-090511JT-0315	SS-355	A20P8	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1015	1	poly bag	None	N
	R01-090511JT-0316	SS-356	A20P9	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2009	930	1	poly bag	None	N
	R01-090511JT-0316	SS-356	A20P9	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2009	930	1	poly bag	None	N
	R01-090511JT-0317	SS-358	A20Q1	Metals (EIA-FLDXRFN3)	Soil	Grab	12/1/2009	1330	1	poly bag	None	N
	R01-090511JT-0317	SS-358	A20Q1	PCBs (EIA-FLDPCB2)	Soil	Grab	12/1/2009	1330	1	poly bag	None	N
	R01-090511JT-0318	SS-359	A20Q2	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1010	1	poly bag	None	N
	R01-090511JT-0318	SS-359	A20Q2	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1010	1	poly bag	None	N

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Marino Property Site
Sampler Signatures:

CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0319	SS-360	A20Q3	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1125	1	poly bag	None	N
	R01-090511JT-0319	SS-360	A20Q3	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1125	1	poly bag	None	N
	R01-090511JT-0320	SS-361	A20Q4	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1206	1	poly bag	None	N
	R01-090511JT-0320	SS-361	A20Q4	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1206	1	poly bag	None	N
	R01-090511JT-0321	SS-362	A20Q5	Metals (EIA-FLDXRFN3)	Soil	Grab	11/30/2009	1550	1	poly bag	None	N
	R01-090511JT-0321	SS-362	A20Q5	PCBs (EIA-FLDPCB2)	Soil	Grab	11/30/2009	1550	1	poly bag	None	N
	R01-090511JT-0322	SS-363	A20Q6	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2009	1055	1	poly bag	None	N
	R01-090511JT-0322	SS-363	A20Q6	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2009	1055	1	poly bag	None	N
	R01-090511JT-0323	SS-400	NA	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2209	1451	1	poly bag	None	N
	R01-090511JT-0323	SS-400	NA	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2209	1451	1	poly bag	None	N
	R01-090511JT-0324	SS-401	NA	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2209	1453	1	poly bag	None	N
	R01-090511JT-0324	SS-401	NA	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2209	1453	1	poly bag	None	N
	R01-090511JT-0325	SS-402	NA	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2209	1455	1	poly bag	None	N
	R01-090511JT-0325	SS-402	NA	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2209	1455	1	poly bag	None	N
	R01-090511JT-0326	SS-403	NA	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2209	1458	1	poly bag	None	N
	R01-090511JT-0326	SS-403	NA	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2209	1458	1	poly bag	None	N
	R01-090511JT-0327	SS-404	NA	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2209	1501	1	poly bag	None	N
	R01-090511JT-0327	SS-404	NA	PCBs (EIA-FLDPCB2)	Soil	Grab	12/3/2209	1501	1	poly bag	None	N
	R01-090511JT-0328	SS-405	NA	Metals (EIA-FLDXRFN3)	Soil	Grab	12/3/2209	1503	1	poly bag	None	N

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Marino Property Site

Sampler Signatures:

CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/04/09-0006

Lab: US EPA Region 1 Mobile Laboratory

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Marino Property Site
Sampler Signatures:

CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/07/09-0007

US EPA New England Regional Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0111	AS-02	A1ZY2	PCBs (\$PCBMS)	Soil	Grab	11/30/2009	14:41	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0114	SS-102	A1ZY5	PCBs (\$PCBMS)	Soil	Grab	11/30/2009	11:10	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0117	SS-105	A1ZY8	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	11/30/2009	13:40	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0126	SS-114	A1ZZ7	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	11/30/2009	14:00	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0131	SS-119	A2002	PCBs (\$PCBMS)	Soil	Grab	11/30/2009	10:32	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0131	SS-119	A2002	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	11/30/2009	10:32	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0131	SS-119	A2002	TCLP Metals	Soil	Grab	11/30/2009	10:32	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0133	SS-121	A2004	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	11/30/2009	14:03	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0149	SS-137	A2020	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	11/30/2009	15:15	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0157	SS-145	A2028	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	11/30/2009	14:35	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0161	SS-149	A2032	PCBs (\$PCBMS)	Soil	Grab	11/30/2009	10:30	1	8 oz. jar	Ice (4 C)	N

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CHAIN OF CUSTODY RECORD

No: R01-090511JT-12/07/09-0007

US EPA New England Regional Laboratory

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0169	SS-157	A2040	PCBs (\$PCBMS)	Soil	Grab	11/30/2009	15:40	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0171	SS-159	A2042	PCBs (\$PCBMS)	Soil	Grab	11/30/2009	15:45	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0177	SS-165	A2048	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/1/2009	08:50	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0177	SS-165	A2048	TCLP Metals	Soil	Grab	12/1/2009	08:50	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0180	SS-168	A2051	PCBs (\$PCBMS)	Soil	Grab	12/1/2009	10:01	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0185	SS-173	A2056	PCBs (\$PCBMS)	Soil	Grab	12/1/2009	10:00	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0187	SS-175	A2058	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/1/2009	09:49	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0188	SS-176	A2059	PCBs (\$PCBMS)	Soil	Grab	12/1/2009	10:32	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0193	SS-181	A2064	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/1/2009	10:05	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0203	SS-191	A2074	PCBs (\$PCBMS)	Soil	Grab	12/1/2009	10:40	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0205	SS-193	A2076	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/1/2009	14:55	1	8 oz. jar	Ice (4 C)	N

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Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0217	SS-205	A2088	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/1/2009	14:00	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0219	SS-207	A2090	PCBs (\$PCBMS)	Soil	Grab	12/1/2009	11:05	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0220	SS-208	A2091	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/1/2009	13:30	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0225	SS-213	A2096	PCBs (\$PCBMS)	Soil	Grab	12/2/2009	09:20	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0225	SS-213	A2096	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/2/2009	09:20	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0228	SS-222	A20A5	PCBs (\$PCBMS)	Soil	Grab	12/2/2009	08:20	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0229	SS-223	A20A6	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/2/2009	08:05	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0231	SS-225	A20A8	PCBs (\$PCBMS)	Soil	Grab	12/2/2009	08:45	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0235	SS-229	A20B2	PCBs (\$PCBMS)	Soil	Grab	12/2/2009	08:55	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0236	SS-230	A20B3	PCBs (\$PCBMS)	Soil	Grab	12/2/2009	08:57	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0236	SS-230	A20B3	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/2/2009	08:57	1	8 oz. jar	Ice (4 C)	N

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**Marino Property Site
Sampler Signatures:**

CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

Contact Name: John Kelly

Contact Phone: (978) 621-8804

No: R01-090511JT-12/07/09-0007

US EPA New England Regional Laboratory

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	R01-090511JT-0237	SS-231	A20B4	PCBs (\$PCBMS)	Soil	Grab	12/2/2009	09:05	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0239	SS-233	A20B6	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/2/2009	09:50	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0239	SS-233	A20B6	TCLP Metals	Soil	Grab	12/2/2009	09:50	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0248	SS-242	A20C5	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/2/2009	13:00	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0265	SS-259	A20E2	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/2/2009	12:05	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0276	SS-270	A20F3	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/2/2009	11:00	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0286	SS-280	A20G3	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/2/2009	10:50	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0294	SS-288	A20H1	PCBs (\$PCBMS)	Soil	Grab	12/3/2009	10:00	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0296	SS-290	A20H3	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/3/2009	09:17	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0303	SS-297	A20J0	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/2/2009	15:35	1	8 oz. jar	Ice (4 C)	N
	R01-090511JT-0308	SS-348	A20P1	Metals inc. Hg (\$METMS and MERCs)	Soil	Grab	12/2/2009	08:20	1	8 oz. jar	Ice (4 C)	N

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CHAIN OF CUSTODY RECORD

Site #: R01-090511JT

US EPA New England Regional Laboratory

No: R01-090511JT-12/07/09-0007

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Attachment C

Contract Laboratory Program (CLP) Data Tables

Table 1	Volatile Organic Compounds in Soil Analysis
Table 2	Semivolatile Organic Compounds in Soil Analysis
Table 3	Polychlorinated Biphenyls in Soils Analysis
Table 4	Pesticides in Soil Analysis
Table 5	Inorganic Soil Analysis
Table 6	TCLP Analysis

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SITE: OMO MANUFACTURING SITE

CASE: 39296

LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

SAMPLE NUMBER:	A1ZY1	A1ZY2	A1ZY5	A1ZY8	A1ZZ1	A1ZZ4	A1ZZ5
SAMPLE LOCATION:	AS-01	AS-02	SS-102	SS-105	SS-108	SS-111	SS-112
LABORATORY NUMBER:	H2474-09B	H2474-10B	H2474-11B	H2474-12B	H2474-13B	H2474-14B	H2474-15B
COMPOUND	CRQL						
Dichlorodifluoromethane	250	320 U	340 U	300 U	340 U	420 U	400 U
Chloromethane	250	320 U	340 U	300 U	340 U	420 U	400 U
Vinyl chloride	250	320 U	340 U	300 U	340 U	420 U	400 U
Bromomethane	250	320 U	340 U	300 U	340 U	420 U	400 U
Chloroethane	250	320 U	340 U	300 U	340 U	420 U	400 U
Trichlorofluoromethane	250	320 U	340 U	300 U	340 U	420 U	400 U
1,1-Dichloroethene	250	320 U	340 U	300 U	340 U	420 U	400 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	320 U	340 U	300 U	340 U	420 U	400 U
Acetone	500	630 U	670 U	610 U	670 U	840 U	790 U
Carbon disulfide	250	320 U	340 U	300 U	340 U	420 U	400 U
Methyl acetate	250	320	380	720	340 U	790	710
Methylene chloride	250	320 U	340 U	300 U	340 U	420 U	400 U
trans-1,2-Dichloroethene	250	320 U	340 U	300 U	340 U	420 U	400 U
Methyl tert-butyl ether	250	320 U	340 U	300 U	340 U	420 U	400 U
1,1-Dichloroethane	250	320 U	340 U	300 U	340 U	420 U	400 U
cis-1,2-Dichloroethene	250	320 U	340 U	300 U	340 U	420 U	400 U
2-Butanone	500	630 U	670 U	610 U	670 U	840 U	790 U
Bromochloromethane	250	320 U	340 U	300 U	340 U	420 U	400 U
Chloroform	250	320 U	340 U	300 U	340 U	280 J	360 U
1,1,1-Trichloroethane	250	320 U	340 U	300 U	340 U	420 U	400 U
Cyclohexane	250	320 U	340 U	300 U	340 U	420 U	400 U
Carbon tetrachloride	250	320 U	340 U	300 U	340 U	420 U	400 U
Benzene	250	320 U	340 U	300 U	340 U	420 U	400 U
1,2-Dichloroethane	250	320 U	340 U	300 U	340 U	420 U	400 U
1,4-Dioxane	5000	6300 U	6700 U	6100 U	6700 U	8400 U	7900 U
Trichloroethene	250	320 U	340 U	300 U	340 U	420 U	400 U
Methylcyclohexane	250	320 U	340 U	300 U	340 U	420 U	400 U
1,2-Dichloropropane	250	320 U	340 U	300 U	340 U	420 U	400 U
Bromodichloromethane	250	320 U	340 U	300 U	340 U	420 U	400 U
cis-1,3-Dichloropropene	250	320 U	340 U	300 U	340 U	420 U	400 U
4-Methyl-2-pentanone	500	630 U	670 U	610 U	670 U	840 U	790 U
Toluene	250	140 J	110 J	130 J	150 J	150 J	160 J
trans-1,3-Dichloropropene	250	320 U	340 U	300 U	340 U	420 U	400 U
1,1,2-Trichloroethane	250	320 U	340 U	300 U	340 U	420 U	400 U
Tetrachloroethene	250	320 U	340 U	300 U	340 U	420 U	400 U
2-Hexanone	500	630 U	670 U	610 U	670 U	840 U	790 U
Dibromochloromethane	250	320 U	340 U	300 U	340 U	420 U	400 U
1,2-Dibromoethane	250	320 U	340 U	300 U	340 U	420 U	400 U
Chlorobenzene	250	320 U	340 U	300 U	340 U	420 U	400 U
Ethylbenzene	250	320 U	340 U	300 U	340 U	420 U	400 U
o-Xylene	250	320 U	340 U	300 U	340 U	420 U	400 U
m,p-Xylene	250	78 J	340 U	86 J	95 J	420 U	130 J
Styrene	250	320 U	340 U	300 U	340 U	420 U	360 U
Bromoform	250	320 U	340 U	300 U	340 U	420 U	360 U
Isopropylbenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
1,1,2,2-Tetrachloroethane	250	320 U	340 U	300 U	340 U	420 U	360 U
1,3-Dichlorobenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
1,4-Dichlorobenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
1,2-Dichlorobenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
1,2-Dibromo-3-chloropropane	250	320 U	340 U	300 U	340 U	420 U	360 U
1,2,4-Trichlorobenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
1,2,3-Trichlorobenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
1,2,3-Trichloropropane	250	320 U	340 U	300 U	340 U	420 U	360 U
1,2,4-Trimethylbenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
1,3,5-Trimethylbenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
n-Butylbenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
n-Propylbenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
Para-Isopropyltoluene	250	320 U	340 U	300 U	340 U	420 U	360 U
sec-Butylbenzene	250	320 U	340 U	300 U	340 U	420 U	360 U
Tetrahydrofuran	250	320 U	340 U	300 U	340 U	420 U	360 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
AMOUNT EXTRACTED (GRAMS)	4.7	5.4	5.4	4.8	4.7	4.7	4.8
%MOISTURE:	9.0	18.0	13.0	13.0	23.0	16.0	21.0

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A1ZZ6	A1ZZ7	A1ZZ9	A2001	A2004	A2006	A2007
	SAMPLE LOCATION:	SS-113	SS-114	SS-116	SS-118	SS-121	SS-123	SS-124
	LABORATORY NUMBER:	H2474-16B	H2475-01B	H2474-17B	H2474-18B	H2474-19B	H2474-20B	H2475-02B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Chloromethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Vinyl chloride	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Bromomethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Chloroethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Trichlorofluoromethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,1-Dichloroethene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Acetone	500	740 U	780 U	710 U	630 U	730 U	620 U	580 U
Carbon disulfide	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Methyl acetate	250	370 U	480	1900	310 U	380	310 U	390
Methylene chloride	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
trans-1,2-Dichloroethene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Methyl tert-butyl ether	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,1-Dichloroethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
cis-1,2-Dichloroethene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
2-Butanone	500	740 U	780 U	710 U	630 U	730 U	620 U	580 U
Bromochloromethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Chloroform	250	290 J	120 J	220 J	310 U	230 J	310 U	290 U
1,1,1-Trichloroethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Cyclohexane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Carbon tetrachloride	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Benzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,2-Dichloroethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,4-Dioxane	5000	7400 U	7800 U	7100 U	6300 U	7300 U	6200 U	5800 U
Trichloroethene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Methylcyclohexane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,2-Dichloropropane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Bromodichloromethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
cis-1,3-Dichloropropene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
4-Methyl-2-pentanone	500	740 U	780 U	710 U	630 U	730 U	620 U	580 U
Toluene	250	180 J	260 J	210 J	160 J	150 J	160 J	210 J
trans-1,3-Dichloropropene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,1,2-Trichloroethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Tetrachloroethene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
2-Hexanone	500	740 U	780 U	710 U	630 U	730 U	620 U	580 U
Dibromochloromethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,2-Dibromoethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Chlorobenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Ethylbenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
o-Xylene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
m,p-Xylene	250	110 J	190 J	140 J	80 J	76 J	95 J	220 J
Styrene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Bromoform	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Isopropylbenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,1,2,2-Tetrachloroethane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,3-Dichlorobenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,4-Dichlorobenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,2-Dichlorobenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,2-Dibromo-3-chloropropane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,2,4-Trichlorobenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,2,3-Trichlorobenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,2,3-Trichloropropane	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,2,4-Trimethylbenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
1,3,5-Trimethylbenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
n-Butylbenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
n-Propylbenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Para-Isopropyltoluene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
sec-Butylbenzene	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
Tetrahydrofuran	250	370 U	390 U	360 U	310 U	360 U	310 U	290 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
AMOUNT EXTRACTED (GRAMS)	4.7	4.8	5.2	5.2	4.7	4.7	5.1	
%MOISTURE:	17.0	20.0	19.0	13.0	16.0	8.0	8.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
U = VALUE IS NOT DETECTED.
CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.
µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A2008	A2010	A2016	A2017	A2021	A2023	A2024
	SAMPLE LOCATION:	SS-125	SS-127	SS-133	SS-134	SS-138	SS-140	SS-141
	LABORATORY NUMBER:	H2475-03B	H2475-04B	H2475-05B	2475-06B	H2475-07B	H2475-08B	H2467-11B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Chloromethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Vinyl chloride	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Bromomethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Chloroethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Trichlorofluoromethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,1-Dichloroethene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Acetone	500	620 U	630 U	570 U	510 U	590 U	680 U	940 U
Carbon disulfide	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Methyl acetate	250	430	870	280 U	260 U	290 U	550	2100
Methylene chloride	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
trans-1,2-Dichloroethene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Methyl tert-butyl ether	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,1-Dichloroethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
cis-1,2-Dichloroethene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
2-Butanone	500	620 U	630 U	570 U	510 U	590 U	680 U	940 U
Bromochloromethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Chloroform	250	310 U	120 J	97 J	260 U	290 U	330 J	470 U
1,1,1-Trichloroethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Cyclohexane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Carbon tetrachloride	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Benzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,2-Dichloroethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,4-Dioxane	5000	6200 U	6300 U	5700 U	5100 U	5900 U	6800 U	9400 U
Trichloroethene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Methylcyclohexane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,2-Dichloropropane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Bromodichloromethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
cis-1,3-Dichloropropene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
4-Methyl-2-pentanone	500	620 U	630 U	570 U	510 U	590 U	680 U	940 U
Toluene	250	140 J	130 J	170 J	260 U	140 J	760	250 J
trans-1,3-Dichloropropene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,1,2-Trichloroethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Tetrachloroethene	250	310 U	310 U	280 U	260 U	290 U	110 J	470 U
2-Hexanone	500	620 U	630 U	570 U	510 U	590 U	680 U	940 U
Dibromochloromethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,2-Dibromoethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Chlorobenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Ethylbenzene	250	310 U	310 U	280 U	260 U	290 U	120 J	470 U
o-Xylene	250	310 U	310 U	280 U	260 U	290 U	130 J	260 U
m,p-Xylene	250	87 J	80 J	110 J	260 U	68 J	470	470 J
Styrene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Bromoform	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Isopropylbenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,1,2,2-Tetrachloroethane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,3-Dichlorobenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,4-Dichlorobenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,2-Dichlorobenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,2-Dibromo-3-chloropropane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,2,4-Trichlorobenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,2,3-Trichlorobenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,2,3-Trichloropropane	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,2,4-Trimethylbenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
1,3,5-Trimethylbenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
n-Butylbenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
n-Propylbenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Para-Isopropyltoluene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
sec-Butylbenzene	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
Tetrahydrofuran	250	310 U	310 U	280 U	260 U	290 U	340 U	470 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	12/1/2009
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/11/2009	12/10/2009	12/10/2009	12/10/2009	12/8/2009
AMOUNT EXTRACTED (GRAMS)	5.3	5.2	5.2	5.1	5.2	5.1	5.0	
%MOISTURE:	13.0	13.0	8.0	2.0	10.0	16.0	29.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
 U = VALUE IS NOT DETECTED.
 CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
 J = VALUE IS ESTIMATED.
 µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE

CASE: 39296

LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A2025	A2027	A2031	A20D4	A20D5	A2039	A2040
	SAMPLE LOCATION:	SS-142	SS-144	SS-148	SS-251	SS-252	SS-156	SS-157
	LABORATORY NUMBER:	H2467-12B	H2475-09B	H2475-10B	H2472-18B	H2473-01B	A2475-12B	H2475-13B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Chloromethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Vinyl chloride	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Bromomethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Chloroethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Trichlorofluoromethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,1-Dichloroethene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Acetone	500	920 U	790 U	760 U	660 U	580 U	620 U	640 U
Carbon disulfide	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Methyl acetate	250	1800	8100	460	610	260 J	390	370
Methylene chloride	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
trans-1,2-Dichloroethene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Methyl tert-butyl ether	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,1-Dichloroethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
cis-1,2-Dichloroethene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
2-Butanone	500	920 U	790 U	760 U	660 U	580 U	620 U	640 U
Bromochloromethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Chloroform	250	460 U	760	380 U	330 U	290 U	310 U	320 U
1,1,1-Trichloroethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Cyclohexane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Carbon tetrachloride	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Benzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,2-Dichloroethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,4-Dioxane	5000	9200 U	7900 U	7600 U	6600 U	5800 U	6200 U	6400 U
Trichloroethene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Methylcyclohexane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,2-Dichloropropane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Bromodichloromethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
cis-1,3-Dichloropropene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
4-Methyl-2-pentanone	500	920 U	790 U	760 U	660 U	580 U	620 U	640 U
Toluene	250	130 J	190 J	160 J	330 U	290 U	280 J	150 J
trans-1,3-Dichloropropene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,1,2-Trichloroethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Tetrachloroethene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
2-Hexanone	500	920 U	790 U	760 U	660 U	580 U	620 U	640 U
Dibromochloromethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,2-Dibromoethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Chlorobenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Ethylbenzene	250	460 U	400 U	380 U	330 U	290 U	100 J	320 U
o-Xylene	250	460 U	400 U	380 U	330 U	290 U	120 J	320 U
m,p-Xylene	250	460 U	89 J	77 J	330 U	290 U	420	78 J
Styrene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Bromoform	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Isopropylbenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,1,2,2-Tetrachloroethane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,3-Dichlorobenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,4-Dichlorobenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,2-Dichlorobenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,2-Dibromo-3-chloropropane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,2,4-Trichlorobenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,2,3-Trichlorobenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,2,3-Trichloropropane	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,2,4-Trimethylbenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
1,3,5-Trimethylbenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
n-Butylbenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
n-Propylbenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Para-Isopropyltoluene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
sec-Butylbenzene	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
Tetrahydrofuran	250	460 U	400 U	380 U	330 U	290 U	310 U	320 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	12/1/2009	11/30/2009	12/1/2009	12/2/2009	12/2/2009	12/2/2009	12/1/2009	11/30/2009
DATE ANALYZED:	12/8/2009	12/10/2009	12/10/2009	12/9/2009	12/9/2009	12/9/2009	12/10/2009	12/10/2009
AMOUNT EXTRACTED (GRAMS)	5.0	5.2	4.4	5.0	5.0	5.0	4.6	5.0
%MOISTURE:	29.0	24.0	15.0	9.0	12.0	7.0	12.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A2042	A2043	A2044	A2045	A2046	A2048	A2051
	SAMPLE LOCATION:	SS-159	SS-160	SS-161	SS-162	SS-163	SS-165	SS-168
	LABORATORY NUMBER:	H2475-14B	H2475-15B	H2475-16B	H2475-17B	H2475-18B	H2475-19B	H2475-20B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Chloromethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Vinyl chloride	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Bromomethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Chloroethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Trichlorofluoromethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,1-Dichloroethene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Acetone	500	670 U	770 U	650 U	1000 U	700 U	660 U	660 U
Carbon disulfide	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Methyl acetate	250	840	380 J	3300	900	350 U	560	430
Methylene chloride	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
trans-1,2-Dichloroethene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Methyl tert-butyl ether	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,1-Dichloroethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
cis-1,2-Dichloroethene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
2-Butanone	500	670 U	770 U	650 U	1000 U	700 U	660 U	660 U
Bromochloromethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Chloroform	250	230 J	120 J	340	510 U	350 U	330 U	330 U
1,1,1-Trichloroethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Cyclohexane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Carbon tetrachloride	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Benzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,2-Dichloroethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,4-Dioxane	5000	6700 U	7700 U	6500 U	10000 U	7000 U	6600 U	6600 U
Trichloroethene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Methylcyclohexane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,2-Dichloropropane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Bromodichloromethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
cis-1,3-Dichloropropene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
4-Methyl-2-pentanone	500	670 U	770 U	650 U	1000 U	700 U	660 U	660 U
Toluene	250	320 J	150 J	220 J	160 J	170 J	150 J	330 U
trans-1,3-Dichloropropene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,1,2-Trichloroethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Tetrachloroethene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
2-Hexanone	500	670 U	770 U	650 U	1000 U	700 U	660 U	660 U
Dibromochloromethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,2-Dibromoethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Chlorobenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Ethylbenzene	250	120 J	380 U	330 U	510 U	350 U	330 U	330 U
o-Xylene	250	140 J	380 U	330 U	510 U	350 U	330 U	330 U
m,p-Xylene	250	490	95 J	150 J	510 U	130 J	76 J	330 U
Styrene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Bromoform	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Isopropylbenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,1,2,2-Tetrachloroethane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,3-Dichlorobenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,4-Dichlorobenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,2-Dichlorobenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,2-Dibromo-3-chloropropane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,2,4-Trichlorobenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,2,3-Trichlorobenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,2,3-Trichloropropane	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,2,4-Trimethylbenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
1,3,5-Trimethylbenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
n-Butylbenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
n-Propylbenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Para-Isopropyltoluene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
sec-Butylbenzene	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
Tetrahydrofuran	250	340 U	380 U	330 U	510 U	350 U	330 U	330 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	11/30/2009	11/30/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/11/2009	12/11/2009
AMOUNT EXTRACTED (GRAMS)	4.8	5.4	5.2	4.6	4.6	4.9	4.6	
%MOISTURE:	13.0	24.0	15.0	31.0	13.0	13.0	10.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
U = VALUE IS NOT DETECTED.
CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.
µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A2053	A2057	A2058	A20G1	A2062	A20G3	A2065
	SAMPLE LOCATION:	SS-170	SS-174	SS-175	SS-178	SS-179	SS-180	SS-182
	LABORATORY NUMBER:	H2476-02B	H2476-03B	H2476-04B	H2473-15B	H2467-15B	H2473-16B	H2467-16B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Chloromethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Vinyl chloride	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Bromomethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Chloroethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Trichlorofluoromethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,1-Dichloroethene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Acetone	500	730 U	620 U	530 U	710 U	650 U	730 U	870 U
Carbon disulfide	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Methyl acetate	250	500	260 J	290	360 U	590	360 U	1800
Methylene chloride	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
trans-1,2-Dichloroethene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Methyl tert-butyl ether	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,1-Dichloroethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
cis-1,2-Dichloroethene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
2-Butanone	500	730 U	620 U	530 U	710 U	650 U	730 U	870 U
Bromochloromethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Chloroform	250	360 U	310 U	180 J	360 U	330 J	360 U	430 U
1,1,1-Trichloroethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Cyclohexane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Carbon tetrachloride	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Benzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,2-Dichloroethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,4-Dioxane	5000	7300 U	6200 U	5300 U	7100 U	6500 U	7300 U	8700 U
Trichloroethene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Methylcyclohexane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,2-Dichloropropane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Bromodichloromethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
cis-1,3-Dichloropropene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
4-Methyl-2-pentanone	500	730 U	620 U	530 U	710 U	650 U	730 U	870 U
Toluene	250	160 J	200 J	140 J	360 U	330 J	360 U	230 J
trans-1,3-Dichloropropene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,1,2-Trichloroethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Tetrachloroethene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
2-Hexanone	500	730 U	620 U	530 U	710 U	650 U	730 U	870 U
Dibromochloromethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,2-Dibromoethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Chlorobenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Ethylbenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
o-Xylene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
m,p-Xylene	250	97 J	180 J	69 J	360 U	88 J	360 U	130 J
Styrene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Bromoform	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Isopropylbenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,1,2,2-Tetrachloroethane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,3-Dichlorobenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,4-Dichlorobenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,2-Dichlorobenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,2-Dibromo-3-chloropropane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,2,4-Trichlorobenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,2,3-Trichlorobenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,2,3-Trichloropropane	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,2,4-Trimethylbenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
1,3,5-Trimethylbenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
n-Butylbenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
n-Propylbenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Para-Isopropyltoluene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
sec-Butylbenzene	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
Tetrahydrofuran	250	360 U	310 U	260 U	360 U	330 U	360 U	430 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/2/2009	12/1/2009	12/2/2009	12/1/2009	12/1/2009
DATE ANALYZED:	12/11/2009	12/11/2009	12/11/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
AMOUNT EXTRACTED (GRAMS)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
%MOISTURE:	23.0	10.0	8.0	12.0	14.0	15.0	27.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
U = VALUE IS NOT DETECTED.
CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.
µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A2068	A2070	A2072	A2077	A2078	A2083	A2085
	SAMPLE LOCATION:	SS-185	SS-187	SS-189	SS-194	SS-195	SS-200	SS-202
	LABORATORY NUMBER:	H2467-17B	H2467-18B	H2467-19B	H2472-01B	H2467-01B	H2467-02B	H2467-03B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Chloromethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Vinyl chloride	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Bromomethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Chloroethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Trichlorofluoromethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,1-Dichloroethene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Acetone	500	770	730 U	780	1000	730 U	3800	1300
Carbon disulfide	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Methyl acetate	250	320	290 U	620	640	850	310 U	220 J
Methylene chloride	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
trans-1,2-Dichloroethene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Methyl tert-butyl ether	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,1-Dichloroethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
cis-1,2-Dichloroethene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
2-Butanone	500	630 U	610 U	580 U	730 U	730 U	620 U	730 U
Bromochloromethane	250	320 U	300 U	290 U	360 U	370 U	310 U	350 U
Chloroform	250	320 J	300 J	290 J	360 U	370 U	310 U	360 U
1,1,1-Trichloroethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Cyclohexane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Carbon tetrachloride	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Benzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,2-Dichloroethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,4-Dioxane	5000	6300 U	6100 U	5800 U	7300 U	7300 U	6200 U	7300 U
Trichloroethene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Methylcyclohexane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,2-Dichloropropane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Bromodichloromethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
cis-1,3-Dichloropropene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
4-Methyl-2-pentanone	500	630 U	610 U	580 U	730 U	730 U	620 U	730 U
Toluene	250	130 U	140 J	290 J	360 U	370 U	230 J	300 J
trans-1,3-Dichloropropene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,1,2-Trichloroethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Tetrachloroethene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
2-Hexanone	500	630 U	610 U	580 U	730 U	730 U	620 U	730 U
Dibromochloromethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,2-Dibromoethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Chlorobenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Ethylbenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	75 J
o-Xylene	250	320 U	300 U	290 U	360 U	370 U	310 U	84 J
m,p-Xylene	250	78 J	82 J	290 J	360 U	370 J	310 U	260 J
Styrene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Bromoform	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Isopropylbenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,1,2,2-Tetrachloroethane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,3-Dichlorobenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,4-Dichlorobenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,2-Dichlorobenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,2-Dibromo-3-chloropropane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,2,4-Trichlorobenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	150 J
1,2,3-Trichlorobenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,2,3-Trichloropropane	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,2,4-Trimethylbenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
1,3,5-Trimethylbenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
n-Butylbenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
n-Propylbenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Para-Isopropyltoluene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
sec-Butylbenzene	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
Tetrahydrofuran	250	320 U	300 U	290 U	360 U	370 U	310 U	360 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE ANALYZED:	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/8/2009	12/8/2009	12/8/2009
AMOUNT EXTRACTED (GRAMS)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
%MOISTURE:	9.0	7.0	8.0	13.0	18.0	8.0	14.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
 U = VALUE IS NOT DETECTED.
 CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
 J = VALUE IS ESTIMATED.
 µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A2086	A2087	A2089	A2092	A2095	A2096	A2097
	SAMPLE LOCATION:	SS-203	SS-204	SS-206	SS-209	SS-212	SS-213	SS-214
	LABORATORY NUMBER:	H2467-04B	H2467-05B	H2467-06B	H2467-07B	H2467-08B	H2467-09B	H2467-10B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Chloromethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Vinyl chloride	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Bromomethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Chloroethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Trichlorofluoromethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,1-Dichloroethene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Acetone	500	1100	1300	930	950	1000	1000	1100
Carbon disulfide	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Methyl acetate	250	980	2000	1500	380	600	490	1600
Methylene chloride	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
trans-1,2-Dichloroethene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Methyl tert-butyl ether	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,1-Dichloroethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
cis-1,2-Dichloroethene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
2-Butanone	500	790 U	830 U	660 U	700 U	800 U	670 U	820 U
Bromochloromethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Chloroform	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,1,1-Trichloroethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Cyclohexane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Carbon tetrachloride	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Benzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,2-Dichloroethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,4-Dioxane	5000	7900 U	8300 U	6600 U	7000 U	8000 U	6700 U	8200 U
Trichloroethene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Methylcyclohexane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,2-Dichloropropane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Bromodichloromethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
cis-1,3-Dichloropropene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
4-Methyl-2-pentanone	500	790 U	830 U	660 U	700 U	800 U	670 U	820 U
Toluene	250	190 J	180 J	120 J	170 J	160 J	190 J	180 J
trans-1,3-Dichloropropene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,1,2-Trichloroethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Tetrachloroethene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
2-Hexanone	500	790 U	830 U	660 U	700 U	800 U	670 U	820 U
Dibromochloromethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,2-Dibromoethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Chlorobenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Ethylbenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
o-Xylene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
m,p-Xylene	250	110 J	120 J	70 J	93 J	100 J	120 J	110 J
Styrene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Bromoform	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Isopropylbenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,1,2,2-Tetrachloroethane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,3-Dichlorobenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,4-Dichlorobenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,2-Dichlorobenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,2-Dibromo-3-chloropropane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,2,4-Trichlorobenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,2,3-Trichlorobenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,2,3-Trichloropropane	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,2,4-Trimethylbenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
1,3,5-Trimethylbenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
n-Butylbenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
n-Propylbenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Para-Isopropyltoluene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
sec-Butylbenzene	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
Tetrahydrofuran	250	400 U	420 U	330 U	350 U	400 U	340 U	410 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/2/2009	12/2/2009	12/2/2009
DATE ANALYZED:		12/8/2009	12/8/2009	12/8/2009	12/10/2009	12/8/2009	12/8/2009	12/8/2009
AMOUNT EXTRACTED (GRAMS)		5.0	5.0	5.0	5.0	5.0	5.0	5.0
%MOISTURE:		21.0	25.0	9.0	16.0	26.0	11.0	19.0

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
U = VALUE IS NOT DETECTED.
CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.
µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A20A1	A20A4	A20A5	A20A6	A20A8	A20B0	A20B2
	SAMPLE LOCATION:	SS-218	SS-221	SS-222	SS-223	SS-225	SS-227	SS-229
	LABORATORY NUMBER:	H2467-04B	H2467-20B	H2472-02B	H2472-03B	H2472-04B	H2472-05B	H2472-06B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Chloromethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Vinyl chloride	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Bromomethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Chloroethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Trichlorofluoromethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,1-Dichloroethene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Acetone	500	1100	800 U	800 U	900 U	1100	870 U	650
Carbon disulfide	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Methyl acetate	250	980	1000	850	1700	620	1400	290 U
Methylene chloride	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
trans-1,2-Dichloroethene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Methyl tert-butyl ether	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,1-Dichloroethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
cis-1,2-Dichloroethene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
2-Butanone	500	790 U	800 U	800 U	900 U	840 U	870 U	590 U
Bromochloromethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Chloroform	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,1,1-Trichloroethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Cyclohexane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Carbon tetrachloride	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Benzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,2-Dichloroethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,4-Dioxane	5000	7900 U	8000 U	8000 U	9000 U	8400 U	8700 U	5900 U
Trichloroethene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Methylcyclohexane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,2-Dichloropropane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Bromodichloromethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
cis-1,3-Dichloropropene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
4-Methyl-2-pentanone	500	790 U	800 U	800 U	900 U	840 U	870 U	590 U
Toluene	250	190 J	240 J	170 J	210 J	230 J	120 J	180 J
trans-1,3-Dichloropropene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,1,2-Trichloroethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Tetrachloroethene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
2-Hexanone	500	790 U	800 U	800 U	900 U	840 U	870 U	590 U
Dibromochloromethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,2-Dibromoethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Chlorobenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Ethylbenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
o-Xylene	250	400 U	400 U	400 U	200 J	110 J	430 U	290 U
m,p-Xylene	250	110 J	210 J	82 J	290 J	320 J	430 U	130 J
Styrene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Bromoform	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Isopropylbenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,1,2,2-Tetrachloroethane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,3-Dichlorobenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,4-Dichlorobenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,2-Dichlorobenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,2-Dibromo-3-chloropropane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,2,4-Trichlorobenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,2,3-Trichlorobenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,2,3-Trichloropropane	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,2,4-Trimethylbenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
1,3,5-Trimethylbenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
n-Butylbenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
n-Propylbenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Para-Isopropyltoluene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
sec-Butylbenzene	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
Tetrahydrofuran	250	400 U	400 U	400 U	450 U	420 U	430 U	290 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	12/1/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE ANALYZED:	12/8/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
AMOUNT EXTRACTED (GRAMS)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
%MOISTURE:	21.0	20.0	23.0	22.0	23.0	29.0	9.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
U = VALUE IS NOT DETECTED.
CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.
µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A20B4	A20B5	A20B9	A20C0	A20C1	A20C3	A20C4
	SAMPLE LOCATION:	SS-231	SS-232	SS-236	SS-237	SS-238	SS-240	SS-241
	LABORATORY NUMBER:	H2472-07B	H2472-08B	H2472-09B	H2472-10B	H2472-11B	H2472-12B	H2472-13B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Chloromethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Vinyl chloride	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Bromomethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Chloroethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Trichlorofluoromethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,1-Dichloroethene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Acetone	500	660	670 J	940 U	670 U	980	760	990 U
Carbon disulfide	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Methyl acetate	250	230 J	350	1200	1300	980	690	4800
Methylene chloride	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
trans-1,2-Dichloroethene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Methyl tert-butyl ether	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,1-Dichloroethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
cis-1,2-Dichloroethene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
2-Butanone	500	600 U	690 U	940 U	670 U	880 U	710 U	990 U
Bromochloromethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Chloroform	250	500	340 U	470 U	110 J	440 U	360 U	2400
1,1,1-Trichloroethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Cyclohexane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Carbon tetrachloride	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Benzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,2-Dichloroethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,4-Dioxane	5000	6000 U	6900 U	9400 U	6700 U	8800 U	7100 U	9900 U
Trichloroethene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Methylcyclohexane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,2-Dichloropropane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Bromodichloromethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
cis-1,3-Dichloropropene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
4-Methyl-2-pentanone	500	600 U	690 U	940 U	670 U	880 U	710 U	990 U
Toluene	250	160 J	340 U	470 U	340 U	440 U	360 U	500 U
trans-1,3-Dichloropropene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,1,2-Trichloroethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Tetrachloroethene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
2-Hexanone	500	600 U	690 U	940 U	670 U	880 U	710 U	990 U
Dibromochloromethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,2-Dibromoethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Chlorobenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Ethylbenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
o-Xylene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
m,p-Xylene	250	90 J	340 U	470 U	340 U	440 U	360 U	500 U
Styrene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Bromoform	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Isopropylbenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,1,2,2-Tetrachloroethane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,3-Dichlorobenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,4-Dichlorobenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,2-Dichlorobenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,2-Dibromo-3-chloropropane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,2,4-Trichlorobenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,2,3-Trichlorobenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,2,3-Trichloropropane	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,2,4-Trimethylbenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
1,3,5-Trimethylbenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
n-Butylbenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
n-Propylbenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Para-Isopropyltoluene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
sec-Butylbenzene	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
Tetrahydrofuran	250	300 U	340 U	470 U	340 U	440 U	360 U	500 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE ANALYZED:	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
AMOUNT EXTRACTED (GRAMS)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
%MOISTURE:	10.0	12.0	26.0	18.0	28.0	15.0	35.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
U = VALUE IS NOT DETECTED.
CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.
µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A20C5	A20C7	A20D0	A20D2	A20D4	A20D5	A20D7
	SAMPLE LOCATION:	SS-242	SS-244	SS-247	SS-249	SS-251	SS-252	SS-254
	LABORATORY NUMBER:	H2472-14B	H2472-15B	H2472-16B	H2472-17B	H2472-18B	H2473-01B	H2472-19B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Chloromethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Vinyl chloride	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Bromomethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Chloroethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Trichlorofluoromethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,1-Dichloroethene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Acetone	500	890 U	790 U	910 U	1300 U	660 U	580 U	850 J
Carbon disulfide	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Methyl acetate	250	870	1600	1800	5100	610	260 J	740
Methylene chloride	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
trans-1,2-Dichloroethene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Methyl tert-butyl ether	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,1-Dichloroethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
cis-1,2-Dichloroethene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
2-Butanone	500	890 U	790 U	910 U	1300 U	660 U	580 U	850 U
Bromochloromethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Chloroform	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,1,1-Trichloroethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Cyclohexane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Carbon tetrachloride	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Benzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,2-Dichloroethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,4-Dioxane	5000	8900 U	7900 U	9100 U	13000 U	6600 U	5800 U	8500 U
Trichloroethene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Methylcyclohexane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,2-Dichloropropane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Bromodichloromethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
cis-1,3-Dichloropropene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
4-Methyl-2-pentanone	500	890 U	790 U	910 U	1300 U	660 U	580 U	850 U
Toluene	250	250 J	400 U	460 U	670 U	330 U	290 U	420 U
trans-1,3-Dichloropropene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,1,2-Trichloroethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Tetrachloroethene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
2-Hexanone	500	890 U	790 U	910 U	1300 U	660 U	580 U	850 U
Dibromochloromethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,2-Dibromoethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Chlorobenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Ethylbenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
o-Xylene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
m,p-Xylene	250	170 J	400 U	460 U	670 U	330 U	290 U	420 U
Styrene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Bromoform	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Isopropylbenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,1,2,2-Tetrachloroethane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,3-Dichlorobenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,4-Dichlorobenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,2-Dichlorobenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,2-Dibromo-3-chloropropane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,2,4-Trichlorobenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,2,3-Trichlorobenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,2,3-Trichloropropane	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,2,4-Trimethylbenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
1,3,5-Trimethylbenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
n-Butylbenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
n-Propylbenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Para-Isopropyltoluene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
sec-Butylbenzene	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
Tetrahydrofuran	250	440 U	400 U	460 U	670 U	330 U	290 U	420 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE ANALYZED:	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
AMOUNT EXTRACTED (GRAMS)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
%MOISTURE:	28.0	24.0	26.0	42.0	9.0	12.0	28.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
 U = VALUE IS NOT DETECTED.
 CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
 J = VALUE IS ESTIMATED.
 µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A20E0	A20E2	A20E3	A20E4	A20E6	A20E8	A20F0
	SAMPLE LOCATION:	SS-257	SS-259	SS-260	SS-261	SS-263	SS-265	SS-267
	LABORATORY NUMBER:	H2472-20B	H2473-02B	H2473-03B	H2473-04B	H2473-05B	H2473-06B	H2473-07B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Chloromethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Vinyl chloride	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Bromomethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Chloroethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Trichlorofluoromethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,1-Dichloroethene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Acetone	500	550 J	570 U	850	730	630 U	730 U	720 U
Carbon disulfide	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Methyl acetate	250	410	280 U	320 U	240 J	310 U	900	480
Methylene chloride	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
trans-1,2-Dichloroethene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Methyl tert-butyl ether	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,1-Dichloroethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
cis-1,2-Dichloroethene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
2-Butanone	500	690 U	570 U	630 U	620 U	630 U	730 U	720 U
Bromochloromethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Chloroform	250	350 U	280 U	320 U	310 U	310 U	120 J	360 U
1,1,1-Trichloroethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Cyclohexane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Carbon tetrachloride	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Benzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,2-Dichloroethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,4-Dioxane	5000	6900 U	5700 U	6300 U	6200 U	6300 U	7300 U	7200 U
Trichloroethene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Methylcyclohexane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,2-Dichloropropane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Bromodichloromethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
cis-1,3-Dichloropropene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
4-Methyl-2-pentanone	500	690 U	570 U	630 U	620 U	630 U	730 U	720 U
Toluene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
trans-1,3-Dichloropropene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,1,2-Trichloroethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Tetrachloroethene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
2-Hexanone	500	690 U	570 U	630 U	620 U	630 U	730 U	720 U
Dibromochloromethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,2-Dibromoethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Chlorobenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Ethylbenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
o-Xylene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
m,p-Xylene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Styrene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Bromoform	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Isopropylbenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,1,2,2-Tetrachloroethane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,3-Dichlorobenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,4-Dichlorobenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,2-Dichlorobenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,2-Dibromo-3-chloropropane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,2,4-Trichlorobenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,2,3-Trichlorobenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,2,3-Trichloropropane	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,2,4-Trimethylbenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
1,3,5-Trimethylbenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
n-Butylbenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
n-Propylbenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Para-Isopropyltoluene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
sec-Butylbenzene	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
Tetrahydrofuran	250	350 U	280 U	320 U	310 U	310 U	370 U	360 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE ANALYZED:	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
AMOUNT EXTRACTED (GRAMS)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
%MOISTURE:	20.0	8.0	15.0	13.0	12.0	18.0	21.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
 U = VALUE IS NOT DETECTED.
 CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
 J = VALUE IS ESTIMATED.
 µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A20F2	A20F3	A20F5	A20F6	A20F8	A20F9	A20G0
	SAMPLE LOCATION:	SS-269	SS-270	SS-272	SS-273	SS-275	SS-276	SS-277
	LABORATORY NUMBER:	H2473-08B	H2473-09B	H2473-10B	H2473-11B	H2473-12B	H2473-13B	H2473-14B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Chloromethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Vinyl chloride	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Bromomethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Chloroethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Trichlorofluoromethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,1-Dichloroethene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Acetone	500	730 U	600 U	660 U	720 U	650 U	550 J	570 U
Carbon disulfide	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Methyl acetate	250	360 U	300 U	330 U	360 U	320 U	400	280 U
Methylene chloride	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
trans-1,2-Dichloroethene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Methyl tert-butyl ether	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,1-Dichloroethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
cis-1,2-Dichloroethene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
2-Butanone	500	730 U	600 U	660 U	720 U	650 U	610 U	570 U
Bromochloromethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Chloroform	250	160 J	300 U	330 U	360 U	320 U	72 J	81 J
1,1,1-Trichloroethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Cyclohexane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Carbon tetrachloride	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Benzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,2-Dichloroethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,4-Dioxane	5000	7300 U	6000 U	6600 U	7200 U	6500 U	6100 U	5700 U
Trichloroethene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Methylcyclohexane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,2-Dichloropropane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Bromodichloromethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
cis-1,3-Dichloropropene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
4-Methyl-2-pentanone	500	730 U	600 U	660 U	720 U	650 U	610 U	570 U
Toluene	250	360 U	300 U	330 U	85 J	320 U	310 U	280 U
trans-1,3-Dichloropropene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,1,2-Trichloroethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Tetrachloroethene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
2-Hexanone	500	730 U	600 U	660 U	720 U	650 U	610 U	570 U
Dibromochloromethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,2-Dibromoethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Chlorobenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Ethylbenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
o-Xylene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
m,p-Xylene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Styrene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Bromoform	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Isopropylbenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,1,2,2-Tetrachloroethane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,3-Dichlorobenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,4-Dichlorobenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,2-Dichlorobenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,2-Dibromo-3-chloropropane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,2,4-Trichlorobenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,2,3-Trichlorobenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,2,3-Trichloropropane	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,2,4-Trimethylbenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
1,3,5-Trimethylbenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
n-Butylbenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
n-Propylbenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Para-Isopropyltoluene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
sec-Butylbenzene	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
Tetrahydrofuran	250	360 U	300 U	330 U	360 U	320 U	310 U	280 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/3/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE ANALYZED:	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
AMOUNT EXTRACTED (GRAMS)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
%MOISTURE:	16.0	10.0	18.0	16.0	11.0	10.0	8.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
U = VALUE IS NOT DETECTED.
CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.
µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A20G1	A20G3	A20G5	A20G7	A20G8	A20H0	A20H1
	SAMPLE LOCATION:	SS-278	SS-280	SS-282	SS-284	SS-285	SS-287	SS-288
	LABORATORY NUMBER:	H2473-15B	H2473-16B	H2474-01B	H2473-17B	H2473-18B	H2473-19B	H2473-20B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Chloromethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Vinyl chloride	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Bromomethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Chloroethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Trichlorofluoromethane	250	360 U	360 U	360 U	3600	350 U	290 U	310 U
1,1-Dichloroethene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Acetone	500	710 U	730 U	730 U	620 U	700 U	580 U	610 U
Carbon disulfide	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Methyl acetate	250	360 U	360 U	560 U	310 U	350 U	390	310 U
Methylene chloride	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
trans-1,2-Dichloroethene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Methyl tert-butyl ether	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,1-Dichloroethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
cis-1,2-Dichloroethene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
2-Butanone	500	710 U	730 U	730 U	620 U	700 U	580 U	610 U
Bromochloromethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Chloroform	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,1,1-Trichloroethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Cyclohexane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Carbon tetrachloride	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Benzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,2-Dichloroethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,4-Dioxane	5000	7100 U	7300 U	7300 U	6200 U	7000 U	5800 U	6100 U
Trichloroethene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Methylcyclohexane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,2-Dichloropropane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Bromodichloromethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
cis-1,3-Dichloropropene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
4-Methyl-2-pentanone	500	710 U	730 U	730 U	620 U	700 U	580 U	610 U
Toluene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
trans-1,3-Dichloropropene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,1,2-Trichloroethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Tetrachloroethene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
2-Hexanone	500	710 U	730 U	730 U	620 U	700 U	580 U	610 U
Dibromochloromethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,2-Dibromoethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Chlorobenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Ethylbenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
o-Xylene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
m,p-Xylene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Styrene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Bromoform	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Isopropylbenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,1,2,2-Tetrachloroethane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,3-Dichlorobenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,4-Dichlorobenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,2-Dichlorobenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,2-Dibromo-3-chloropropane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,2,4-Trichlorobenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,2,3-Trichlorobenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,2,3-Trichloropropane	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,2,4-Trimethylbenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
1,3,5-Trimethylbenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
n-Butylbenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
n-Propylbenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Para-Isopropyltoluene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
sec-Butylbenzene	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
Tetrahydrofuran	250	360 U	360 U	360 U	310 U	350 U	290 U	310 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE ANALYZED:	12/9/2009	12/9/2009	12/10/2009	12/9/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
AMOUNT EXTRACTED (GRAMS)	5.0	5.0	4.5	5.0	5.0	5.0	5.0	5.0
%MOISTURE:	12.0	15.0	14.0	9.0	12.0	9.0	10.0	

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
U = VALUE IS NOT DETECTED.
CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.
µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

	SAMPLE NUMBER:	A20H3	A20P1	A20P2	A20P3	A20P4	A20P5	A20P6
	SAMPLE LOCATION:	SS-290	SS-348	SS-349	SS-350	SS-351	SS-352	SS-353
	LABORATORY NUMBER:	H2474-02B	H2474-03B	H2474-04B	H2476-06B	H2474-05B	H2474-06B	H2474-07B
COMPOUND	CRQL							
Dichlorodifluoromethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Chloromethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Vinyl chloride	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Bromomethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Chloroethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Trichlorofluoromethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,1-Dichloroethene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Acetone	500	700 U	690 U	690 U	670 U	640 U	680 U	590 U
Carbon disulfide	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Methyl acetate	250	410	670	1100	12000	320 U	340	570
Methylene chloride	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
trans-1,2-Dichloroethene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Methyl tert-butyl ether	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,1-Dichloroethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
cis-1,2-Dichloroethene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
2-Butanone	500	700 U	690 U	690 U	670 U	640 U	680 U	590 U
Bromochloromethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Chloroform	250	350 U	350 U	340 U	270 J	320 U	340 J	300 U
1,1,1-Trichloroethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Cyclohexane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Carbon tetrachloride	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Benzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,2-Dichloroethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,4-Dioxane	5000	7000 U	6900 U	6900 U	6700 U	6400 U	6800 U	5900 U
Trichloroethene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Methylcyclohexane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,2-Dichloropropane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Bromodichloromethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
cis-1,3-Dichloropropene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
4-Methyl-2-pentanone	500	700 U	690 U	690 U	670 U	640 U	680 U	590 U
Toluene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
trans-1,3-Dichloropropene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,1,2-Trichloroethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Tetrachloroethene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
2-Hexanone	500	700 U	690 U	690 U	670 U	640 U	680 U	590 U
Dibromochloromethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,2-Dibromoethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Chlorobenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Ethylbenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
o-Xylene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
m,p-Xylene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Styrene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Bromoform	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Isopropylbenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,1,2,2-Tetrachloroethane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,3-Dichlorobenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,4-Dichlorobenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,2-Dichlorobenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,2-Dibromo-3-chloropropane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,2,4-Trichlorobenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,2,3-Trichlorobenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,2,3-Trichloropropane	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,2,4-Trimethylbenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
1,3,5-Trimethylbenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
n-Butylbenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
n-Propylbenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Para-Isopropyltoluene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
sec-Butylbenzene	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
Tetrahydrofuran	250	350 U	350 U	340 U	340 U	320 U	340 U	300 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		12/3/2009	12/2/2009	12/1/2009	11/30/2009	12/2/2009	12/2/2009	12/2/2009
DATE ANALYZED:		12/10/2009	12/10/2009	12/10/2009	12/11/2009	12/10/2009	12/10/2009	12/10/2009
AMOUNT EXTRACTED (GRAMS)		5.2	5.8	4.9	5.0	5.0	5.3	5.4
%MOISTURE:		18.0	22.0	15.0	17.0	12.0	18.0	12.0

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
 U = VALUE IS NOT DETECTED.
 CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
 J = VALUE IS ESTIMATED.
 µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: MITKEM

TABLE 1
VOLATILE ORGANIC ANALYSIS - LOW/MEDIUM SOIL
µg/kg

SAMPLE NUMBER: A20P9
SAMPLE LOCATION: SS-356
LABORATORY NUMBER: H2474-08B

COMPOUND	CRQL	
Dichlorodifluoromethane	250	380 U
Chloromethane	250	380 U
Vinyl chloride	250	380 U
Bromomethane	250	380 U
Chloroethane	250	380 U
Trichlorofluoromethane	250	380 U
1,1-Dichloroethene	250	380 U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	380 U
Acetone	500	770 U
Carbon disulfide	250	380 U
Methyl acetate	250	380 U
Methylene chloride	250	380 U
trans-1,2-Dichloroethene	250	380 U
Methyl tert-butyl ether	250	380 U
1,1-Dichloroethane	250	380 U
cis-1,2-Dichloroethene	250	380 U
2-Butanone	500	770 U
Bromochloromethane	250	380 U
Chloroform	250	380 U
1,1,1-Trichloroethane	250	380 U
Cyclohexane	250	380 U
Carbon tetrachloride	250	380 U
Benzene	250	380 U
1,2-Dichloroethane	250	380 U
1,4-Dioxane	5000	7700 U
Trichloroethene	250	380 U
Methylcyclohexane	250	380 U
1,2-Dichloropropane	250	380 U
Bromodichloromethane	250	380 U
cis-1,3-Dichloropropene	250	380 U
4-Methyl-2-pentanone	500	770 U
Toluene	250	380 U
trans-1,3-Dichloropropene	250	380 U
1,1,2-Trichloroethane	250	380 U
Tetrachloroethene	250	380 U
2-Hexanone	500	770 U
Dibromochloromethane	250	380 U
1,2-Dibromoethane	250	380 U
Chlorobenzene	250	380 U
Ethylbenzene	250	380 U
o-Xylene	250	380 U
m,p-Xylene	250	380 U
Styrene	250	380 U
Bromoform	250	380 U
Isopropylbenzene	250	380 U
1,1,2,2-Tetrachloroethane	250	380 U
1,3-Dichlorobenzene	250	380 U
1,4-Dichlorobenzene	250	380 U
1,2-Dichlorobenzene	250	380 U
1,2-Dibromo-3-chloropropane	250	380 U
1,2,4-Trichlorobenzene	250	380 U
1,2,3-Trichlorobenzene	250	380 U
1,2,3-Trichloropropane	250	380 U
1,2,4-Trimethylbenzene	250	380 U
1,3,5-Trimethylbenzene	250	380 U
n-Butylbenzene	250	380 U
n-Propylbenzene	250	380 U
Para-Isopropyltoluene	250	380 U
sec-Butylbenzene	250	380 U
Tetrahydrofuran	250	380 U

DILUTION FACTOR: 1.0
DATE SAMPLED: 12/3/2009
DATE ANALYZED: 12/10/2009
AMOUNT EXTRACTED (GRAMS): 5.0
%MOISTURE: 21.0

NOTE: RESULTS ARE REPORTED ON A "DRY WEIGHT" BASIS.
U = VALUE IS NOT DETECTED.
CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.
µg/kg = MICROGRAMS PER KILOGRAM

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A1ZY1	A1ZY2	A1ZY3	A1ZY4	A1ZY5	A1ZY6	A1ZY7	A1ZY8
SAMPLE LOCATION:		AS-01	AS-02	SS-100	SS-101	SS-102	SS-103	SS-104	SS-105
LABORATORY NUMBER:		9339001001	9339001002	9339001003	9339001004	9339001005	9339001006	9339001007	933901008
COMPOUND	CRQL								
Benzaldehyde	170	5800 U	7500 U	220	1000	470	130 J	57 J	1800 U
Phenol	170	5800 U	7500 U	10 J	86 J	33 J	1100 U	14 J	1800 U
Bis(2-chloroethyl)ether	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
2-Chlorophenol	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
2-Methylphenol	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
2,2'-Oxybis(1-chloropropane)	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Acetophenone	170	5800 U	7500 U	26 J	33 J	34 J	1100 U	18 J	1800 U
4-Methylphenol	170	5800 U	7500 U	220 U	7.4 J	9.3 J	1100 U	190 U	1800 U
N-Nitroso-di-n-propylamine	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Hexachloroethane	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Nitrobenzene	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Isophorone	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
2-Nitrophenol	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
2,4-Dimethylphenol	170	5800 U	7500 U	11 J	240 U	220 U	1100 U	190 U	1800 U
Bis(2-chloroethoxy)methane	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
2,4-Dichlorophenol	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Naphthalene	170	5800 U	7500 U	17 J	25 J	31 J	75 J	33 J	80 J
4-Chloroaniline	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Hexachlorobutadiene	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Caprolactam	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
4-Chloro-3-methylphenol	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
2-Methylnaphthalene	170	5800 U	7500 U	9.4 J	14 J	21 J	130 J	14 J	59 J
Hexachlorocyclopentadiene	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
2,4,6-Trichlorophenol	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
2,4,5-Trichlorophenol	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
1,1'-Biphenyl	170	5800 U	7500 U	220 U	240 U	220 U	35 J	190 U	1800 U
2-Chloronaphthalene	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
2-Nitroaniline	330	11000 U	15000 U	420 U	460 U	430 U	2100 U	360 U	3500 U
Dimethylphthalate	170	5800 U	7500 U	220 U	48 J	220 U	1100 U	190 U	1800 U
2,6-Dinitrotoluene	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Acenaphthylene	170	5800 U	7500 U	44 J	72 J	90 J	110 J	33 J	350 J
3-Nitroaniline	330	11000 U	15000 U	420 U	460 U	430 U	2100 U	360 U	3500 U
Acenaphthene	170	5800 U	7500 U	220 U	240 U	11 J	120 J	62 J	190 J
2,4-Dinitrophenol	330	11000 U	15000 U	420 U	460 U	430 U	2100 U	360 U	3500 U
4-Nitrophenol	330	11000 U	15000 U	420 U	460 U	430 U	2100 U	360 U	3500 U
Dibenzofuran	170	5800 U	7500 U	220 U	8.2 J	12 J	62 J	25 J	330 J
2,4-Dinitrotoluene	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Diethylphthalate	170	5800 U	7500 U	7.1 J	8.7 J	13 J	1100 U	7.2 J	1800 U
Fluorene	170	5800 U	7500 U	10 J	17 J	25 J	140 J	70 J	510 J
4-Chlorophenyl-phenylether	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
4-Nitroaniline	330	11000 U	15000 U	420 U	460 U	430 U	2100 U	360 U	3500 U
4,6-Dinitro-2-methylphenol	330	11000 U	15000 U	420 U	460 U	430 U	2100 U	360 U	3500 U
N-Nitrosodiphenylamine	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
1,2,4,5-Tetrachlorobenzene	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
4-Bromophenyl-phenylether	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Hexachlorobenzene	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Atrazine	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Pentachlorophenol	330	11000 U	15000 U	420 U	460 U	430 U	2100 U	360 U	3500 U
Phenanthrene	170	310 J	380 J	150 J	290	330	1600	740	7200
Anthracene	170	5800 U	7500 U	26 J	61 J	62 J	160 J	190	1500 J
Carbazole	170	5800 U	7500 U	12 J	15 J	21 J	140 J	73 J	580 J
Di-n-butylphthalate	170	5800 U	7500 U	27 J	19 J	28 J	1100 U	14 J	1800 U
Fluoranthene	170	610 J	820 J	410	830	850	2300	1800	11000
Pyrene	170	610 J	720 J	290	700	790	2200	1400	6800
Butylbenzylphthalate	170	5800 U	7500 U	63 J	26 J	26 J	1100 U	190 U	1800 U
3,3'-Dichlorobenzidine	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U
Benzo(a)anthracene	170	360 J	490 J	230	520	530	1200	1100	4000
Chrysene	170	600 J	730 J	150 J	400	440	1100 J	830	3900
Bis(2-ethylhexyl)phthalate	170	960 J	5500 J	*12000	690	990	350 J	170 J	220 J
Di-n-octylphthalate	170	5800 U	7500 U	190 J	16 J	38 J	1100 U	190 U	1800 U
Benzo(b)fluoranthene	170	520 J	640 J	370	730	830	1600	1600	5900
Benzo(k)fluoranthene	170	210 J	280 J	120 J	160 J	260	450 J	430	1600 J
Benzo(a)pyrene	170	360 J	380 J	230	510	550	1000 J	1000	4000
Indeno(1,2,3-cd)pyrene	170	420 J	420 J	180 J	410	530	810 J	820	2900
Dibenzo(a,h)anthracene	170	180 J	7500 U	46 J	90 J	110 J	250 J	200	700 J
Benzo(g,h,i)perylene	170	510 J	600 J	200 J	440	580	810 J	770	2800
2,3,4,6-Tetrachlorophenol	170	5800 U	7500 U	220 U	240 U	220 U	1100 U	190 U	1800 U

DILUTION FACTOR:	30.0	30.0	1.0 / *30.0	1.0	1.0	5.0	1.0	10.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE EXTRACTED:	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
SAMPLE WEIGHT (GRAMS):	30.2	30.1	30.5	30.1	30.2	30.4	30.1	30.6
% MOISTURE:	13.0	32.0	23.0	29.0	23.0	24.0	9.1	7.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A1ZY9	A1ZZ0	A1ZZ1	A1ZZ2	A1ZZ3	A1ZZ4	A1ZZ5	A1ZZ6
SAMPLE LOCATION:		SS-106	SS-107	SS-108	SS-109	SS-110	SS-111	SS-112	SS-113
LABORATORY NUMBER:		9339001009	9339001010	9339001011	9339001012	9339001013	9339001014	9339001015	933001016
COMPOUND	CRQL								
Benzaldehyde	170	150 J	310 J	320 J	470 J	240 J	220 J	280 J	280 J
Phenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Bis(2-chloroethyl)ether	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
2-Chlorophenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
2-Methylphenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
2,2'-Oxybis(1-chloropropane)	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Acetophenone	170	910 U	1800 U	3500 U	5000 U	900 U	37 J	910 U	1200 U
4-Methylphenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
N-Nitroso-di-n-propylamine	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Hexachloroethane	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Nitrobenzene	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Isophorone	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
2-Nitrophenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
2,4-Dimethylphenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Bis(2-chloroethoxy)methane	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
2,4-Dichlorophenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Naphthalene	170	35 J	230 J	360 J	330 J	32 J	900 U	59 J	44 J
4-Chloroaniline	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Hexachlorobutadiene	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Caprolactam	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
4-Chloro-3-methylphenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
2-Methylnaphthalene	170	910 U	120 J	360 J	150 J	900 U	900 U	30 J	1200 U
Hexachlorocyclopentadiene	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
2,4,6-Trichlorophenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
2,4,5-Trichlorophenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
1,1'-Biphenyl	170	910 U	1800 U	150 J	5000 U	900 U	900 U	910 U	1200 U
2-Chloronaphthalene	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
2-Nitroaniline	330	1800 U	3500 U	6800 U	9600 U	1800 U	1700 U	1800 U	2300 U
Dimethylphthalate	170	910 U	1800 U	3500 U	5000 U	900 U	48 J	910 U	1200 U
2,6-Dinitrotoluene	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Acenaphthylene	170	64 J	1800 U	3500 U	5000 U	900 U	27 J	30 J	48 J
3-Nitroaniline	330	1800 U	3500 U	6800 U	9600 U	1800 U	1700 U	1800 U	2300 U
Acenaphthene	170	910 U	860 J	3100 J	1200 J	41 J	34 J	200 J	1200 U
2,4-Dinitrophenol	330	1800 U	3500 U	6800 U	9600 U	1800 U	1700 U	1800 U	2300 U
4-Nitrophenol	330	1800 U	3500 U	6800 U	9600 U	1800 U	1700 U	1800 U	2300 U
Dibenzofuran	170	910 U	390 J	1700 J	560 J	900 U	900 U	68 J	1200 U
2,4-Dinitrotoluene	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Diethylphthalate	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Fluorene	170	37 J	640 J	3700	1400 J	43 J	28 J	180 J	41 J
4-Chlorophenyl-phenylether	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
4-Nitroaniline	330	1800 U	3500 U	6800 U	9600 U	1800 U	1700 U	1800 U	2300 U
4,6-Dinitro-2-methylphenol	330	1800 U	3500 U	6800 U	9600 U	1800 U	1700 U	1800 U	2300 U
N-Nitrosodiphenylamine	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
1,2,4,5-Tetrachlorobenzene	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
4-Bromophenyl-phenylether	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Hexachlorobenzene	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Atrazine	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Pentachlorophenol	330	1800 U	3500 U	6800 U	9600 U	1800 U	1700 U	1800 U	2300 U
Phenanthrene	170	530 J	6100	24000	12000	620 J	370 J	2300	510 J
Anthracene	170	110 J	1400 J	7900	3800 J	140 J	75 J	520 J	92 J
Carbazole	170	46 J	620 J	2000 J	1000 J	55 J	48 J	270 J	50 J
Di-n-butylphthalate	170	910 U	1800 U	3500 U	5000 U	35 J	31 J	54 J	1200 U
Fluoranthene	170	1100	7700	30000	25000	1300	1000	5400	1100 J
Pyrene	170	990	4900	25000	17000	960	850 J	3800	1100 J
Butylbenzylphthalate	170	27 J	1800 U	3500 U	5000 U	69 J	49 J	36 J	1200 U
3,3'-Dichlorobenzidine	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U
Benzo(a)anthracene	170	570 J	3600	14000	15000	810 J	560 J	3200	660 J
Chrysene	170	530 J	2400	13000	12000	670 J	540 J	2500	660 J
Bis(2-ethylhexyl)phthalate	170	260 J	10000	2500 J	660 J	1900	1700	790 J	830 J
Di-n-octylphthalate	170	27 J	300 J	3500 U	5000 U	48 J	310 J	910 U	1200 U
Benzo(b)fluoranthene	170	880 J	3500	17000	14000	1000	890 J	3600	1100 J
Benzo(k)fluoranthene	170	280 J	1200 J	4500	5800	320 J	240 J	1400	280 J
Benzo(a)pyrene	170	550 J	2200	12000	10000	690 J	540 J	2600	660 J
Indeno(1,2,3-cd)pyrene	170	470 J	1500 J	8100	6300	540 J	460 J	1700	460 J
Dibenzo(a,h)anthracene	170	150 J	360 J	2100 J	1700 J	150 J	120 J	450 J	130 J
Benzo(g,h,i)perylene	170	470 J	1300 J	7600	5800	470 J	450 J	1600	460 J
2,3,4,6-Tetrachlorophenol	170	910 U	1800 U	3500 U	5000 U	900 U	900 U	910 U	1200 U

DILUTION FACTOR:	5.0	10.0	20.0	20.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE EXTRACTED:	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
SAMPLE WEIGHT (GRAMS):	30.1	30.2	30.2	30.2	30.3	30.5	30.4	30.1
% MOISTURE:	7.3	5.9	4.1	32.0	6.8	6.6	7.9	29.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A1ZZ7	A1ZZ8	A1ZZ9	A2000	A2001	A2002	A2003	A2004
SAMPLE LOCATION:		SS-114	SS-115	SS-116	SS-117	SS-118	SS-119	SS-120	SS-121
LABORATORY NUMBER:		9339001017	9339001018	933901019	9339001022	9339002001	9339002002	9339002003	9339002004
COMPOUND	CRQL								
Benzaldehyde	170	89 J	950 U	33 J	64 J	200 J	360 J	520 J	100 J
Phenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Bis(2-chloroethyl)ether	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2-Chlorophenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2-Methylphenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2,2'-Oxybis(1-chloropropane)	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Acetophenone	170	1200 U	950 U	990 U	31 J	31 J	50 J	43 J	39 J
4-Methylphenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
N-Nitroso-di-n-propylamine	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Hexachloroethane	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Nitrobenzene	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Isophorone	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2-Nitrophenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2,4-Dimethylphenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Bis(2-chloroethoxy)methane	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2,4-Dichlorophenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Naphthalene	170	1200 U	28 J	990 U	51 J	51 J	38 J	130 J	66 J
4-Chloroaniline	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Hexachlorobutadiene	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Caprolactam	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
4-Chloro-3-methylphenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2-Methylnaphthalene	170	1200 U	950 U	990 U	41 J	33 J	1100 U	82 J	35 J
Hexachlorocyclopentadiene	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2,4,6-Trichlorophenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2,4,5-Trichlorophenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
1,1'-Biphenyl	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2-Chloronaphthalene	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2-Nitroaniline	330	2400 U	1800 U	1900 U	1900 U	1900 U	2200 U	2000 U	1900 U
Dimethylphthalate	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
2,6-Dinitrotoluene	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Acenaphthylene	170	1200 U	70 J	990 U	91 J	100 J	37 J	420 J	61 J
3-Nitroaniline	330	2400 U	1800 U	1900 U	1900 U	1900 U	2200 U	2000 U	1900 U
Acenaphthene	170	1200 U	52 J	990 U	30 J	65 J	1100 U	50 J	150 J
2,4-Dinitrophenol	330	2400 U	1800 U	1900 U	1900 U	1900 U	2200 U	2000 U	1900 U
4-Nitrophenol	330	2400 U	1800 U	1900 U	1900 U	1900 U	2200 U	2000 U	1900 U
Dibenzofuran	170	1200 U	39 J	990 U	980 U	44 J	1100 U	50 J	72 J
2,4-Dinitrotoluene	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Diethylphthalate	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Fluorene	170	1200 U	91 J	990 U	42 J	100 J	1100 U	120 J	130 J
4-Chlorophenyl-phenylether	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
4-Nitroaniline	330	2400 U	1800 U	1900 U	1900 U	1900 U	2200 U	2000 U	1900 U
4,6-Dinitro-2-methylphenol	330	2400 U	1800 U	1900 U	1900 U	1900 U	2200 U	2000 U	1900 U
N-Nitrosodiphenylamine	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
1,2,4,5-Tetrachlorobenzene	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
4-Bromophenyl-phenylether	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Hexachlorobenzene	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Atrazine	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Pentachlorophenol	330	2400 U	1800 U	1900 U	1900 U	1900 U	2200 U	2000 U	1900 U
Phenanthrene	170	200 J	1600	260 J	610 J	1300	170 J	1400	1500
Anthracene	170	1200 U	260 J	41 J	100 J	280 J	37 J	290 J	320 J
Carbazole	170	1200 U	200 J	990 U	66 J	100 J	1100 U	120 J	160 J
Di-n-butylphthalate	170	1200 U	950 U	450 J	36 J	980 U	1100 U	1100 U	980 U
Fluoranthene	170	530 J	3900	570 J	1500	3000	480 J	5100	2800
Pyrene	170	380 J	3400	500 J	1400	2200	480 J	4600	2300
Butylbenzylphthalate	170	62 J	950 U	990 U	39 J	980 U	150 J	35 J	980 U
3,3'-Dichlorobenzidine	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U
Benzo(a)anthracene	170	300 J	2200	350 J	870 J	1400	370 J	3200	1500
Chrysene	170	300 J	2300	320 J	870 J	1200	290 J	2900	1300
Bis(2-ethylhexyl)phthalate	170	44 J	140 J	200 J	990	670 J	*30000	6400	1900
Di-n-octylphthalate	170	1200 U	950 U	990 U	980 U	980 U	230 J	51 J	50 J
Benzo(b)fluoranthene	170	430 J	3600	530 J	1300	1800	680 J	3800	2400
Benzo(k)fluoranthene	170	160 J	1100	170 J	450 J	540 J	160 J	1100	750 J
Benzo(a)pyrene	170	290 J	2000	370 J	840 J	1200	340 J	2700	1600
Indeno(1,2,3-cd)pyrene	170	200 J	1700	220 J	680 J	890 J	320 J	1900	1000
Dibenzo(a,h)anthracene	170	52 J	400 J	74 J	180 J	220 J	110 J	550 J	260 J
Benzo(g,h,i)perylene	170	200 J	1600	270 J	660 J	760 J	460 J	1800	950 J
2,3,4,6-Tetrachlorophenol	170	1200 U	950 U	990 U	980 U	980 U	1100 U	1100 U	980 U

DILUTION FACTOR:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE EXTRACTED:	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009
DATE ANALYZED:	12/10/2009	12/10/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009
SAMPLE WEIGHT (GRAMS):	30.1	30.3	30.4	30.1	30.3	30.3	30.3	30.1	30.3
% MOISTURE:	30.0	12.0	15.0	14.0	14.0	26.0	20.0	14.0	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.
U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM
* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2005	A2006	A2007	A2008	A2009	A2010	A2011	A2012
SAMPLE LOCATION:		SS-122	SS-123	SS-124	SS-125	SS-126	SS-127	SS-128	SS-129
LABORATORY NUMBER:		9339002005	9339002006	9339002007	9339002010	9339002011	9339002012	9339002013	9339002014
COMPOUND	CRQL								
Benzaldehyde	170	62 J	68 J	53 J	170 J	110 J	170 J	320 J	5100 U
Phenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Bis(2-chloroethyl)ether	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2-Chlorophenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2-Methylphenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2,2'-Oxybis(1-chloropropane)	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Acetophenone	170	33 J	31 J	910 U	1000 U	33 J	41 J	41 J	5100 U
4-Methylphenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
N-Nitroso-di-n-propylamine	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Hexachloroethane	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Nitrobenzene	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Isophorone	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2-Nitrophenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2,4-Dimethylphenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Bis(2-chloroethoxy)methane	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2,4-Dichlorophenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Naphthalene	170	37 J	51 J	910 U	57 J	69 J	40 J	1000 U	170 J
4-Chloroaniline	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Hexachlorobutadiene	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Caprolactam	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
4-Chloro-3-methylphenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2-Methylnaphthalene	170	940 U	28 J	910 U	1000 U	45 J	980 U	1000 U	5100 U
Hexachlorocyclopentadiene	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2,4,6-Trichlorophenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2,4,5-Trichlorophenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
1,1'-Biphenyl	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2-Chloronaphthalene	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2-Nitroaniline	330	1800 U	1800 U	1800 U	1900 U	1800 U	1900 U	1900 U	9900 U
Dimethylphthalate	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
2,6-Dinitrotoluene	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Acenaphthylene	170	76 J	96 J	910 U	87 J	170 J	100 J	1000 U	690 J
3-Nitroaniline	330	1800 U	1800 U	1800 U	1900 U	1800 U	1900 U	1900 U	9900 U
Acenaphthene	170	940 U	910 U	910 U	56 J	940 U	32 J	98 J	300 J
2,4-Dinitrophenol	330	1800 U	1800 U	1800 U	1900 U	1800 U	1900 U	1900 U	9900 U
4-Nitrophenol	330	1800 U	1800 U	1800 U	1900 U	1800 U	1900 U	1900 U	9900 U
Dibenzofuran	170	940 U	910 U	910 U	77 J	940 U	980 U	34 J	190 J
2,4-Dinitrotoluene	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Diethylphthalate	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Fluorene	170	53 J	34 J	910 U	180 J	62 J	56 J	71 J	360 J
4-Chlorophenyl-phenylether	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
4-Nitroaniline	330	1800 U	1800 U	1800 U	1900 U	1800 U	1900 U	1900 U	9900 U
4,6-Dinitro-2-methylphenol	330	1800 U	1800 U	1800 U	1900 U	1800 U	1900 U	1900 U	9900 U
N-Nitrosodiphenylamine	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
1,2,4,5-Tetrachlorobenzene	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
4-Bromophenyl-phenylether	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Hexachlorobenzene	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Atrazine	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Pentachlorophenol	330	1800 U	1800 U	1800 U	1900 U	1800 U	1900 U	1900 U	9900 U
Phenanthrene	170	620 J	440 J	210 J	1900	740 J	500 J	1100	4200 J
Anthracene	170	130 J	76 J	35 J	320 J	150 J	120 J	280 J	5100 U
Carbazole	170	72 J	46 J	910 U	210 J	75 J	60 J	120 J	460 J
Di-n-butylphthalate	170	940 U	910 U	910 U	1000 U	45 J	980 U	1000 U	160 J
Fluoranthene	170	1500	1000	520 J	2400	1900	1600	2400	8300
Pyrene	170	1300	840 J	460 J	1600	2000	1400	2300	9200
Butylbenzylphthalate	170	940 U	910 U	910 U	1000 U	190 J	980 U	80 J	5100 U
3,3'-Dichlorobenzidine	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
Benzo(a)anthracene	170	760 J	610 J	340 J	1100	1200	940 J	1500	5600
Chrysene	170	660 J	550 J	270 J	850 J	1100	760 J	1100	5000 J
Bis(2-ethylhexyl)phthalate	170	920 J	140 J	250 J	420 J	12000	900 J	8200	7900
Di-n-octylphthalate	170	940 U	910 U	910 U	1000 U	620 J	35 J	260 J	5100 U
Benzo(b)fluoranthene	170	1300	1100	590 J	1400	1900	1300	2000	8100
Benzo(k)fluoranthene	170	370 J	340 J	140 J	370 J	590 J	380 J	700 J	2700 J
Benzo(a)pyrene	170	780 J	720 J	370 J	910 J	1400	900 J	1300	5800
Indeno(1,2,3-cd)pyrene	170	630 J	610 J	300 J	620 J	910 J	700 J	940 J	4700 J
Dibenzo(a,h)anthracene	170	150 J	140 J	90 J	170 J	220 J	180 J	230 J	1300 J
Benzo(g,h,i)perylene	170	660 J	590 J	320 J	580 J	960	660 J	900 J	4800 J
2,3,4,6-Tetrachlorophenol	170	940 U	910 U	910 U	1000 U	940 U	980 U	1000 U	5100 U
DILUTION FACTOR:		5.0	5.0	5.0	5.0	5.0	5.0	5.0	30.0
DATE SAMPLED:		11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE EXTRACTED:		12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009
DATE ANALYZED:		12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009
SAMPLE WEIGHT (GRAMS):		30.2	30.4	30.3	30.1	30.9	30.1	30.2	32.2
% MOISTURE:		10.0	7.9	7.6	15.0	12.0	14.0	16.0	6.7

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

		A2013	A2014	A2015	A2016	A2017	A2018	A2019	A2020
SAMPLE LOCATION:		SS-130	SS-131	SS-132	SS-133	SS-134	SS-135	SS-136	SS-137
LABORATORY NUMBER:		9339002015	9339002016	9339002017	9339002018	9339002019	9339002020	9339002021	9339002022
COMPOUND	CRQL								
Benzaldehyde	170	1200 J	34 J	57 J	47 J	5300 U	200 J	160 J	58 J
Phenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Bis(2-chloroethyl)ether	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2-Chlorophenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2-Methylphenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2,2'-Oxybis(1-chloropropane)	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Acetophenone	170	13000 U	950 U	970 U	30 J	160 J	5300 U	31 J	920 U
4-Methylphenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
N-Nitroso-di-n-propylamine	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Hexachloroethane	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Nitrobenzene	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Isophorone	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2-Nitrophenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2,4-Dimethylphenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Bis(2-chloroethoxy)methane	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2,4-Dichlorophenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Naphthalene	170	13000 U	950 U	32 J	36 J	5300 U	5300 U	1000 U	58 J
4-Chloroaniline	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Hexachlorobutadiene	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Caprolactam	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
4-Chloro-3-methylphenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2-Methylnaphthalene	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Hexachlorocyclopentadiene	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2,4,6-Trichlorophenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2,4,5-Trichlorophenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
1,1'-Biphenyl	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2-Chloronaphthalene	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2-Nitroaniline	330	25000 U	1800 U	1900 U	1800 U	10000 U	10000 U	2000 U	1800 U
Dimethylphthalate	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2,6-Dinitrotoluene	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Acenaphthylene	170	13000 U	950 U	55 J	100 J	150 J	210 J	1000 U	130 J
3-Nitroaniline	330	25000 U	1800 U	1900 U	1800 U	10000 U	10000 U	2000 U	1800 U
Acenaphthene	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
2,4-Dinitrophenol	330	25000 U	1800 U	1900 U	1800 U	10000 U	10000 U	2000 U	1800 U
4-Nitrophenol	330	25000 U	1800 U	1900 U	1800 U	10000 U	10000 U	2000 U	1800 U
Dibenzofuran	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	48 J
2,4-Dinitrotoluene	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Diethylphthalate	170	13000 U	950 U	970 U	900 U	160 J	5300 U	1000 U	920 U
Fluorene	170	13000 U	950 U	31 J	900 U	5300 U	180 J	1000 U	49 J
4-Chlorophenyl-phenylether	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
4-Nitroaniline	330	25000 U	1800 U	1900 U	1800 U	10000 U	10000 U	2000 U	1800 U
4,6-Dinitro-2-methylphenol	330	25000 U	1800 U	1900 U	1800 U	10000 U	10000 U	2000 U	1800 U
N-Nitrosodiphenylamine	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
1,2,4,5-Tetrachlorobenzene	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
4-Bromophenyl-phenylether	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Hexachlorobenzene	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Atrazine	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Pentachlorophenol	330	25000 U	1800 U	1900 U	1800 U	10000 U	10000 U	2000 U	1800 U
Phenanthrene	170	1400 J	95 J	470 J	510 J	920 J	1500 J	140 J	940
Anthracene	170	13000 U	950 U	80 J	92 J	180 J	360 J	35 J	140 J
Carbazole	170	13000 U	950 U	50 J	900 U	5300 U	170 J	1000 U	110 J
Di-n-butylphthalate	170	460 J	950 U	970 U	900 U	390 J	200 J	1000 U	920 U
Fluoranthene	170	3200 J	150 J	810 J	1000	1600 J	2900 J	290 J	1800
Pyrene	170	3800 J	140 J	760 J	1300	1800 J	3200 J	280 J	1400
Butylbenzylphthalate	170	13000 U	950 U	43 J	58 J	5300 U	5300 U	190 J	920 U
3,3'-Dichlorobenzidine	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U
Benzo(a)anthracene	170	2400 J	96 J	420 J	770 J	980 J	2100 J	200 J	850 J
Chrysene	170	2600 J	92 J	440 J	590 J	1100 J	1800 J	160 J	760 J
Bis(2-ethylhexyl)phthalate	170	20000	210 J	4600	6900	17000	8800	620 J	1600
Di-n-octylphthalate	170	1400 J	950 U	230 J	280 J	940 J	430 J	1000 U	79 J
Benzo(b)fluoranthene	170	3300 J	150 J	650 J	1200	2400 J	3300 J	300 J	1500
Benzo(k)fluoranthene	170	1400 J	66 J	240 J	340 J	650 J	1100 J	130 J	470 J
Benzo(a)pyrene	170	2700 J	110 J	410 J	720 J	1200 J	1700 J	190 J	870 J
Indeno(1,2,3-cd)pyrene	170	2500 J	110 J	360 J	620 J	1400 J	1900 J	230 J	810 J
Dibenzo(a,h)anthracene	170	1000 J	59 J	100 J	190 J	450 J	600 J	79 J	200 J
Benzo(g,h,i)perylene	170	3000 J	110 J	350 J	640 J	1300 J	1800 J	220 J	770 J
2,3,4,6-Tetrachlorophenol	170	13000 U	950 U	970 U	900 U	5300 U	5300 U	1000 U	920 U

DILUTION FACTOR:	30.0	5.0	5.0	5.0	30.0	30.0	5.0	5.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE EXTRACTED:	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009
DATE ANALYZED:	12/12/2009	12/11/2009	12/11/2009	12/11/2009	12/12/2009	12/12/2009	12/11/2009	12/12/2009
SAMPLE WEIGHT (GRAMS):	30.3	30.8	30.1	30.7	30.0	30.1	30.2	30.1
% MOISTURE:	60.0	12.0	13.0	8.1	2.9	3.6	19.0	8.2

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2021	A2022	A2023	A2024	A2025	A2026	A2027	A2028
SAMPLE LOCATION:		SS-138	SS-139	SS-140	SS-141	SS-142	SS-143	SS-144	SS-145
LABORATORY NUMBER:		9339003001	9339003002	9339003003	9339017001	933901702	9339003004	9339003005	9339003006
COMPOUND	CRQL								
Benzaldehyde	170	5000 U	44 J	41 J	240 J	490 J	470 J	650 U	31 J
Phenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Bis(2-chloroethyl)ether	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2-Chlorophenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2-Methylphenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2,2'-Oxybis(1-chloropropane)	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Acetophenone	170	5000 U	910 U	30 J	35 J	56 J	46 J	650 U	870 U
4-Methylphenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
N-Nitroso-di-n-propylamine	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Hexachloroethane	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Nitrobenzene	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Isophorone	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2-Nitrophenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2,4-Dimethylphenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Bis(2-chloroethoxy)methane	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2,4-Dichlorophenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Naphthalene	170	5000 U	32 J	970 U	53 J	69 J	480 J	650 U	870 U
4-Chloroaniline	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Hexachlorobutadiene	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Caprolactam	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
4-Chloro-3-methylphenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2-Methylnaphthalene	170	5000 U	910 U	970 U	77 J	1100 U	150 J	650 U	870 U
Hexachlorocyclopentadiene	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2,4,6-Trichlorophenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2,4,5-Trichlorophenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
1,1'-Biphenyl	170	5000 U	910 U	970 U	40 J	1100 U	46 J	650 U	870 U
2-Chloronaphthalene	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2-Nitroaniline	330	9600 U	1800 U	1900 U	1900 U	2200 U	2200 U	1300 U	1700 U
Dimethylphthalate	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
2,6-Dinitrotoluene	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Acenaphthylene	170	330 J	50 J	31 J	65 J	1100 U	150 J	650 U	870 U
3-Nitroaniline	330	9600 U	1800 U	1900 U	1900 U	2200 U	2200 U	1300 U	1700 U
Acenaphthene	170	5000 U	910 U	970 U	1900	150 J	1000 J	650 U	870 U
2,4-Dinitrophenol	330	9600 U	1800 U	1900 U	1900 U	2200 U	2200 U	1300 U	1700 U
4-Nitrophenol	330	9600 U	1800 U	1900 U	1900 U	2200 U	2200 U	1300 U	1700 U
Dibenzofuran	170	5000 U	910 U	970 U	760 J	72 J	480 J	650 U	870 U
2,4-Dinitrotoluene	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Diethylphthalate	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Fluorene	170	5000 U	37 J	970 U	2100	150 J	1000 J	650 U	870 U
4-Chlorophenyl-phenylether	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
4-Nitroaniline	330	9600 U	1800 U	1900 U	1900 U	2200 U	2200 U	1300 U	1700 U
4,6-Dinitro-2-methylphenol	330	9600 U	1800 U	1900 U	1900 U	2200 U	2200 U	1300 U	1700 U
N-Nitrosodiphenylamine	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
1,2,4,5-Tetrachlorobenzene	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
4-Bromophenyl-phenylether	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Hexachlorobenzene	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Atrazine	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Pentachlorophenol	330	9600 U	1800 U	1900 U	1900 U	2200 U	2200 U	1300 U	1700 U
Phenanthrene	170	900 J	410 J	320 J	13000	1300	9000	91 J	870 U
Anthracene	170	220 J	69 J	65 J	5400	310 J	2600	33 J	870 U
Carbazole	170	5000 U	40 J	29 J	460 J	170 J	1100 J	650 U	870 U
Di-n-butylphthalate	170	5000 U	910 U	970 U	990 U	60 J	1000 J	650 U	870 U
Fluoranthene	170	3200 J	650 J	600 J	25000 D	2500	14000	210 J	26 J
Pyrene	170	3300 J	650 J	550 J	17000 D	1600	15000	170 J	29 J
Butylbenzylphthalate	170	5000 U	910 U	970 U	79 J	150 J	1100 U	650 U	870 U
3,3'-Dichlorobenzidine	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U
Benzo(a)anthracene	170	2500 J	440 J	330 J	13000	1200	9600	120 J	30 J
Chrysene	170	1900 J	370 J	340 J	9200	1000 J	6900	130 J	26 J
Bis(2-ethylhexyl)phthalate	170	470 J	400 J	240 J	1100	17000	3100	130 J	69 J
Di-n-octylphthalate	170	5000 U	910 U	970 U	990 U	440 J	1100 U	650 U	870 U
Benzo(b)fluoranthene	170	2900 J	660 J	430 J	13000	1400	11000	170 J	56 J
Benzo(k)fluoranthene	170	1600 J	140 J	210 J	3800	600 J	3600	54 J	870 U
Benzo(a)pyrene	170	2400 J	350 J	340 J	9400	940 J	7900	120 J	51 J
Indeno(1,2,3-cd)pyrene	170	2000 J	330 J	240 J	5800	700 J	4600	71 J	58 J
Dibenzo(a,h)anthracene	170	750 J	95 J	79 J	1600	210 J	1100 J	650 U	28 J
Benzo(g,h,i)perylene	170	2300 J	350 J	250 J	5000	750 J	4500	81 J	58 J
2,3,4,6-Tetrachlorophenol	170	5000 U	910 U	970 U	990 U	1100 U	1100 U	650 U	870 U

DILUTION FACTOR:	30.0	5.0	5.0	5.0/10.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	11/30/2009	11/30/2009
DATE EXTRACTED:	12/7/2009	12/7/2009	12/7/2009	12/9/2009	12/9/2009	12/9/2009	12/7/2009	12/7/2009	12/7/2009
DATE ANALYZED:	12/14/2009	12/12/2009	12/12/2009	12/16/2009	12/16/2009	12/12/2009	12/12/2009	12/14/2009	12/12/2009
SAMPLE WEIGHT (GRAMS):	34.2	31.5	31.6	32.5	31.0	31.9	47.4	35.4	
% MOISTURE:	9.9	11.0	16.0	21.0	27.0	29.0	17.0	17.0	

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J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2029	A2030	A2031	A2032	A2033	A2034	A2035	A2036
SAMPLE LOCATION:		SS-146	SS-147	SS-148	SS-149	SS-150	SS-151	SS-152	SS-153
LABORATORY NUMBER:		9339003007	9339003008	9339003009	9339003010	9339003013	9339017003	9339003014	9339003015
COMPOUND	CRQL								
Benzaldehyde	170	780 J	67 J	49 J	67 J	5400 U	82 J	50 J	70 J
Phenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Bis(2-chloroethyl)ether	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2-Chlorophenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2-Methylphenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2,2'-Oxybis(1-chloropropane)	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Acetophenone	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
4-Methylphenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
N-Nitroso-di-n-propylamine	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Hexachloroethane	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Nitrobenzene	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Isophorone	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2-Nitrophenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2,4-Dimethylphenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Bis(2-chloroethoxy)methane	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2,4-Dichlorophenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Naphthalene	170	5000 U	860 U	870 U	41 J	5400 U	910 U	32 J	950 U
4-Chloroaniline	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Hexachlorobutadiene	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Caprolactam	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
4-Chloro-3-methylphenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2-Methylnaphthalene	170	5000 U	860 U	870 U	28 J	5400 U	910 U	780 U	950 U
Hexachlorocyclopentadiene	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2,4,6-Trichlorophenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2,4,5-Trichlorophenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
1,1'-Biphenyl	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2-Chloronaphthalene	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2-Nitroaniline	330	9800 U	1700 U	1700 U	1800 U	11000 U	1800 U	1500 U	1800 U
Dimethylphthalate	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
2,6-Dinitrotoluene	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Acenaphthylene	170	200 J	860 U	48 J	190 J	310 J	93 J	29 J	950 U
3-Nitroaniline	330	9800 U	1700 U	1700 U	1800 U	11000 U	1800 U	1500 U	1800 U
Acenaphthene	170	5000 U	860 U	870 U	910 U	5400 U	910 U	240 J	31 J
2,4-Dinitrophenol	330	9800 U	1700 U	1700 U	1800 U	11000 U	1800 U	1500 U	1800 U
4-Nitrophenol	330	9800 U	1700 U	1700 U	1800 U	11000 U	1800 U	1500 U	1800 U
Dibenzofuran	170	5000 U	860 U	870 U	910 U	5400 U	910 U	98 J	950 U
2,4-Dinitrotoluene	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Diethylphthalate	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Fluorene	170	5000 U	860 U	870 U	42 J	5400 U	27 J	210 J	31 J
4-Chlorophenyl-phenylether	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
4-Nitroaniline	330	9800 U	1700 U	1700 U	1800 U	11000 U	1800 U	1500 U	1800 U
4,6-Dinitro-2-methylphenol	330	9800 U	1700 U	1700 U	1800 U	11000 U	1800 U	1500 U	1800 U
N-Nitrosodiphenylamine	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
1,2,4,5-Tetrachlorobenzene	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
4-Bromophenyl-phenylether	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Hexachlorobenzene	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Atrazine	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Pentachlorophenol	330	9800 U	1700 U	1700 U	1800 U	11000 U	1800 U	1500 U	1800 U
Phenanthrene	170	1400 J	110 J	190 J	630 J	760 J	480 J	1800	300 J
Anthracene	170	300 J	860 U	33 J	100 J	220 J	120 J	410 J	86 J
Carbazole	170	5000 U	860 U	870 U	52 J	5400 U	75 J	170 J	39 J
Di-n-butylphthalate	170	5000 U	860 U	31 J	910 U	5400 U	910 U	780 U	36 J
Fluoranthene	170	2500 J	250 J	440 J	1700	3200 J	1300	2900	610 J
Pyrene	170	1700 J	300 J	490 J	2000	2700 J	1100	3100	510 J
Butylbenzylphthalate	170	5000 U	210 J	180 J	79 J	5400 U	910 U	780 U	140 J
3,3'-Dichlorobenzidine	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
Benzo(a)anthracene	170	1200 J	160 J	360 J	1200	1600 J	750 J	1800	350 J
Chrysene	170	1300 J	170 J	240 J	960	2000 J	650 J	1300	340 J
Bis(2-ethylhexyl)phthalate	170	1600 J	10000	21000 D	6100	3700 J	3900	2900	1400
Di-n-octylphthalate	170	5000 U	140 J	270 J	75 J	5400 U	910 U	780 U	950 U
Benzo(b)fluoranthene	170	2200 J	310 J	550 J	2000	3300 J	1200	2200	540 J
Benzo(k)fluoranthene	170	1000 J	110 J	190 J	640 J	1400 J	330 J	490 J	210 J
Benzo(a)pyrene	170	1400 J	200 J	360 J	1200	2100 J	750 J	1300	350 J
Indeno(1,2,3-cd)pyrene	170	1300 J	240 J	330 J	1000	1800 J	600 J	970	300 J
Dibenzo(a,h)anthracene	170	360 J	63 J	90 J	280 J	520 J	190 J	250 J	77 J
Benzo(g,h,i)perylene	170	1200 J	240 J	350 J	1100	1900 J	570 J	910	290 J
2,3,4,6-Tetrachlorophenol	170	5000 U	860 U	870 U	910 U	5400 U	910 U	780 U	950 U
DILUTION FACTOR:		30.0	5.0	5.0 / 10.0	5.0	30.0	5.0	5.0	5.0
DATE SAMPLED:		11/30/2009	12/1/2009	12/1/2009	11/30/2009	11/30/2009	12/1/2009	11/30/2009	11/30/2009
DATE EXTRACTED:		12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/9/2009	12/7/2009	12/7/2009
DATE ANALYZED:		12/14/2009	12/12/2009	12/12/2009	12/12/2009	12/14/2009	12/16/2009	12/12/2009	12/12/2009
SAMPLE WEIGHT (GRAMS):		35.1	34.1	33.3	33.9	33.1	31.7	36.7	30.6
% MOISTURE:		13.0	13.0	12.0	17.0	15.0	12.0	10.0	12.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2037	A2038	A2039	A2040	A2041	A2042	A2043	A2044
SAMPLE LOCATION:		SS-154	SS-155	SS-156	SS-157	SS-158	SS-159	SS-160	SS-161
LABORATORY NUMBER:		9339003016	9339003017	9339003018	9339003019	9339003020	9339003021	9339003022	933900601
COMPOUND	CRQL								
Benzaldehyde	170	5000 U	5200 U	4100 U	61 J	52 J	92 J	78 J	80 J
Phenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Bis(2-chloroethyl)ether	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2-Chlorophenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2-Methylphenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2,2'-Oxybis(1-chloropropane)	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Acetophenone	170	5000 U	5200 U	4100 U	910 U	850 U	37 J	1000 U	950 U
4-Methylphenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
N-Nitroso-di-n-propylamine	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Hexachloroethane	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Nitrobenzene	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Isophorone	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2-Nitrophenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2,4-Dimethylphenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Bis(2-chloroethoxy)methane	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2,4-Dichlorophenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Naphthalene	170	5000 U	5200 U	4100 U	910 U	850 U	150 J	60 J	43 J
4-Chloroaniline	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Hexachlorobutadiene	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Caprolactam	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
4-Chloro-3-methylphenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2-Methylnaphthalene	170	5000 U	5200 U	4100 U	910 U	850 U	84 J	33 J	950 U
Hexachlorocyclopentadiene	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2,4,6-Trichlorophenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2,4,5-Trichlorophenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
1,1'-Biphenyl	170	5000 U	5200 U	4100 U	910 U	850 U	23 J	1000 U	950 U
2-Chloronaphthalene	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2-Nitroaniline	330	9800 U	10000 U	8000 U	1800 U	1700 U	1400 U	2000 U	1800 U
Dimethylphthalate	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
2,6-Dinitrotoluene	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Acenaphthylene	170	5000 U	5200 U	150 J	27 J	850 U	570 J	1000 U	57 J
3-Nitroaniline	330	9800 U	10000 U	8000 U	1800 U	1700 U	1400 U	2000 U	1800 U
Acenaphthene	170	5000 U	5200 U	4100 U	910 U	850 U	60 J	150 J	93 J
2,4-Dinitrophenol	330	9800 U	10000 U	8000 U	1800 U	1700 U	1400 U	2000 U	1800 U
4-Nitrophenol	330	9800 U	10000 U	8000 U	1800 U	1700 U	1400 U	2000 U	1800 U
Dibenzofuran	170	5000 U	5200 U	4100 U	910 U	850 U	70 J	81 J	52 J
2,4-Dinitrotoluene	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Diethylphthalate	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Fluorene	170	5000 U	5200 U	4100 U	910 U	850 U	170 J	180 J	120 J
4-Chlorophenyl-phenylether	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
4-Nitroaniline	330	9800 U	10000 U	8000 U	1800 U	1700 U	1400 U	2000 U	1800 U
4,6-Dinitro-2-methylphenol	330	9800 U	10000 U	8000 U	1800 U	1700 U	1400 U	2000 U	1800 U
N-Nitrosodiphenylamine	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
1,2,4,5-Tetrachlorobenzene	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
4-Bromophenyl-phenylether	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Hexachlorobenzene	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Atrazine	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Pentachlorophenol	330	9800 U	10000 U	8000 U	1800 U	1700 U	1400 U	2000 U	1800 U
Phenanthrene	170	470 J	350 J	310 J	120 J	41 J	2000	1400	930 J
Anthracene	170	5000 U	5200 U	4100 U	910 U	850 U	400 J	360 J	280 J
Carbazole	170	5000 U	5200 U	4100 U	910 U	850 U	160 J	170 J	92 J
Di-n-butylphthalate	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Fluoranthene	170	1600 J	910 J	1300 J	310 J	72 J	4700	2200	1800
Pyrene	170	1200 J	930 J	1300 J	280 J	75 J	4700	1500	1400
Butylbenzylphthalate	170	5000 U	150 J	4100 U	76 J	850 U	150 J	1000 U	950 U
3,3'-Dichlorobenzidine	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
Benzo(a)anthracene	170	810 J	720 J	860 J	200 J	50 J	3000	1200	870 J
Chrysene	170	820 J	650 J	720 J	160 J	57 J	2800	860 J	710 J
Bis(2-ethylhexyl)phthalate	170	4000 J	17000	1400 J	2600	2700	7900	770 J	830 J
Di-n-octylphthalate	170	190 J	5200 U	4100 U	72 J	850 U	140 J	110 J	950 U
Benzo(b)fluoranthene	170	1600 J	1200 J	1500 J	340 J	100 J	3900	1300	1100
Benzo(k)fluoranthene	170	550 J	590 J	450 J	150 J	29 J	1200	640 J	490 J
Benzo(a)pyrene	170	910 J	810 J	1100 J	220 J	49 J	2600	1100	720 J
Indeno(1,2,3-cd)pyrene	170	1000 J	730 J	980 J	250 J	72 J	2100	740 J	540 J
Dibenzo(a,h)anthracene	170	320 J	340 J	340 J	79 J	850 U	570 J	220 J	160 J
Benzo(g,h,i)perylene	170	970 J	830 J	1100 J	260 J	84 J	2100	640 J	550 J
2,3,4,6-Tetrachlorophenol	170	5000 U	5200 U	4100 U	910 U	850 U	740 U	1000 U	950 U
DILUTION FACTOR:		30.0	30.0	30.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:		12/1/2009	12/1/2009	12/1/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	12/1/2009
DATE EXTRACTED:		12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009
DATE ANALYZED:		12/14/2009	12/14/2009	12/14/2009	12/14/2009	12/14/2009	12/14/2009	12/14/2009	12/15/2009
SAMPLE WEIGHT (GRAMS):		33.5	31.7	39.8	31.3	33.4	38.9	32.0	30.7
% MOISTURE:		9.5	7.3	6.3	10.0	11.0	12.0	21.0	12.0

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J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2045	A2046	A2074	A2048	A2049	A2050	A2051	A2052
SAMPLE LOCATION:		SS-162	SS-163	SS-164	SS-165	SS-166	SS-167	SS-168	SS-169
LABORATORY NUMBER:		9339006002	9339006003	9339006004	9339006005	9339006006	9339006007	9339006008	9339017004
COMPOUND	CRQL								
Benzaldehyde	170	370 J	110 J	5500 U	220 J	5200 U	5700 U	190 J	82 J
Phenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	33 J	920 U
Bis(2-chloroethyl)ether	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2-Chlorophenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2-Methylphenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2,2'-Oxybis(1-chloropropane)	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Acetophenone	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
4-Methylphenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
N-Nitroso-di-n-propylamine	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Hexachloroethane	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Nitrobenzene	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Isophorone	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2-Nitrophenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2,4-Dimethylphenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Bis(2-chloroethoxy)methane	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2,4-Dichlorophenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Naphthalene	170	92 J	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
4-Chloroaniline	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Hexachlorobutadiene	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Caprolactam	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
4-Chloro-3-methylphenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2-Methylnaphthalene	170	55 J	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Hexachlorocyclopentadiene	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2,4,6-Trichlorophenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2,4,5-Trichlorophenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
1,1'-Biphenyl	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2-Chloronaphthalene	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2-Nitroaniline	330	2200 U	1700 U	11000 U	11000 U	10000 U	11000 U	1800 U	1800 U
Dimethylphthalate	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2,6-Dinitrotoluene	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Acenaphthylene	170	280 J	890 U	510 J	5500 U	5200 U	370 J	46 J	41 J
3-Nitroaniline	330	2200 U	1700 U	11000 U	11000 U	10000 U	11000 U	1800 U	1800 U
Acenaphthene	170	36 J	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2,4-Dinitrophenol	330	2200 U	1700 U	11000 U	11000 U	10000 U	11000 U	1800 U	1800 U
4-Nitrophenol	330	2200 U	1700 U	11000 U	11000 U	10000 U	11000 U	1800 U	1800 U
Dibenzofuran	170	34 J	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
2,4-Dinitrotoluene	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Diethylphthalate	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Fluorene	170	77 J	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
4-Chlorophenyl-phenylether	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
4-Nitroaniline	330	2200 U	1700 U	11000 U	11000 U	10000 U	11000 U	1800 U	1800 U
4,6-Dinitro-2-methylphenol	330	2200 U	1700 U	11000 U	11000 U	10000 U	11000 U	1800 U	1800 U
N-Nitrosodiphenylamine	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
1,2,4,5-Tetrachlorobenzene	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
4-Bromophenyl-phenylether	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Hexachlorobenzene	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Atrazine	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Pentachlorophenol	330	2200 U	1700 U	11000 U	11000 U	10000 U	11000 U	1800 U	1800 U
Phenanthrene	170	1400	110 J	1300 J	440 U	280 J	680 J	150 J	180 J
Anthracene	170	280 J	890 U	300 J	5500 U	5200 U	170 J	940 U	51 J
Carbazole	170	100 J	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Di-n-butylphthalate	170	650 J	38 J	5500 U	300 U	160 J	5700 U	940 U	43 J
Fluoranthene	170	4200	310 J	4100 J	1100 U	1200 J	2400 J	430 J	560 J
Pyrene	170	2800	200 J	4100 J	940 U	1700 J	2200 J	920 J	500 J
Butylbenzylphthalate	170	1000 J	150 J	5500 U	430 U	5200 U	5700 U	940 U	230 J
3,3'-Dichlorobenzidine	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
Benzo(a)anthracene	170	1800	170 J	2700 J	860 U	720 J	2000 J	450 J	310 J
Chrysene	170	1200	130 J	2100 J	1100 U	700 J	1600 J	210 J	290 J
Bis(2-ethylhexyl)phthalate	170	*92000	5400	2800 J	20000	4100 J	540 J	10000	*18000
Di-n-octylphthalate	170	1600	100 J	5500 U	5500 U	5200 U	5700 U	940 U	310 J
Benzo(b)fluoranthene	170	2700	280 J	4800 J	2400 J	1200 J	3200 J	470 J	510 J
Benzo(k)fluoranthene	170	670 J	130 J	1400 J	710 J	330 J	1200 J	94 J	170 J
Benzo(a)pyrene	170	1700	190 J	3200 J	1200 J	730 J	2300 J	350 J	330 J
Indeno(1,2,3-cd)pyrene	170	1300	240 J	2800 J	1500 J	780 J	2100 J	500 J	350 J
Dibenzo(a,h)anthracene	170	350 J	59 J	730 J	370 J	290 J	570 J	150 J	110 J
Benzo(g,h,i)perylene	170	1200	190 J	3200 J	1400 J	910 J	2100 J	520 J	360 J
2,3,4,6-Tetrachlorophenol	170	1100 U	890 U	5500 U	5500 U	5200 U	5700 U	940 U	920 U
DILUTION FACTOR:		5.0 / *30.0	5.0	30.0	30.0	30.0	30.0	5.0	5.0 / *10.0
DATE SAMPLED:		12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE EXTRACTED:		12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/9/2009
DATE ANALYZED:		12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/16/2009	12/15/2009	12/16/2009
SAMPLE WEIGHT (GRAMS):		30.3	32.6	30.5	32.0	32.1	30.2	30.5	31.2
% MOISTURE:		24.0	12.0	8.2	14.0	8.6	11.0	11.0	11.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2053	A2054	A2055	A2056	A2057	A2058	A2059	A2060
SAMPLE LOCATION:		SS-170	SS-171	SS-172	SS-173	SS-174	SS-175	SS-176	SS-177
LABORATORY NUMBER:		9339006009	9339006010	9339017005	9339006011	9339006012	9339006015	9339006016	9339017006
COMPOUND	CRQL								
Benzaldehyde	170	400 J	530 J	270 J	94 J	100 J	5100 U	5200 U	200 J
Phenol	170	1000 U	1100 U	980 U	900 U	28 J	5100 U	5200 U	900 U
Bis(2-chloroethyl)ether	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2-Chlorophenol	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2-Methylphenol	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2,2'-Oxybis(1-chloropropane)	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Acetophenone	170	1000 U	1100 U	46 J	900 U	850 U	5100 U	5200 U	44 J
4-Methylphenol	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
N-Nitroso-di-n-propylamine	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Hexachloroethane	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Nitrobenzene	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Isophorone	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2-Nitrophenol	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2,4-Dimethylphenol	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Bis(2-chloroethoxy)methane	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2,4-Dichlorophenol	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Naphthalene	170	71 J	61 J	430 J	900 U	850 U	5100 U	5200 U	31 J
4-Chloroaniline	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Hexachlorobutadiene	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Caprolactam	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
4-Chloro-3-methylphenol	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2-Methylnaphthalene	170	40 J	1100 U	270 J	900 U	850 U	5100 U	5200 U	900 U
Hexachlorocyclopentadiene	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2,4,6-Trichlorophenol	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2,4,5-Trichlorophenol	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
1,1'-Biphenyl	170	1000 U	1100 U	44 J	900 U	850 U	5100 U	5200 U	900 U
2-Chloronaphthalene	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2-Nitroaniline	330	2000 U	2000 U	1900 U	1800 U	1700 U	9800 U	10000 U	1800 U
Dimethylphthalate	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
2,6-Dinitrotoluene	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Acenaphthylene	170	92 J	100 J	2200	93 J	850 U	420 J	5200 U	79 J
3-Nitroaniline	330	2000 U	2000 U	1900 U	1800 U	1700 U	9800 U	10000 U	1800 U
Acenaphthene	170	68 J	1100 U	650 J	900 U	850 U	5100 U	5200 U	900 U
2,4-Dinitrophenol	330	2000 U	2000 U	1900 U	1800 U	1700 U	9800 U	10000 U	1800 U
4-Nitrophenol	330	2000 U	2000 U	1900 U	1800 U	1700 U	9800 U	10000 U	1800 U
Dibenzofuran	170	1000 U	1100 U	300 J	900 U	850 U	5100 U	5200 U	900 U
2,4-Dinitrotoluene	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Diethylphthalate	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Fluorene	170	66 J	42 J	710 J	30 J	850 U	5100 U	5200 U	31 J
4-Chlorophenyl-phenylether	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
4-Nitroaniline	330	2000 U	2000 U	1900 U	1800 U	1700 U	9800 U	10000 U	1800 U
4,6-Dinitro-2-methylphenol	330	2000 U	2000 U	1900 U	1800 U	1700 U	9800 U	10000 U	1800 U
N-Nitrosodiphenylamine	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
1,2,4,5-Tetrachlorobenzene	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
4-Bromophenyl-phenylether	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Hexachlorobenzene	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Atrazine	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Pentachlorophenol	330	2000 U	2000 U	1900 U	1800 U	1700 U	9800 U	10000 U	1800 U
Phenanthrene	170	930 J	410 J	8900	400 J	190 J	970 J	420 J	370 J
Anthracene	170	240 J	100 J	2300	52 J	55 J	240 J	5200 U	91 J
Carbazole	170	95 J	1100 U	220 J	37 J	27 J	5100 U	5200 U	43 J
Di-n-butylphthalate	170	37 J	54 J	980 U	110 J	81 J	5100 U	5200 U	34 J
Fluoranthene	170	1900	1200	*25000	1000	460 J	3700 J	1600 J	970
Pyrene	170	1400	1000 J	*23000	760 J	320 J	3600 J	1400 J	650 J
Butylbenzylphthalate	170	93 J	200 J	48 J	950	240 J	5100 U	5200 U	73 J
3,3'-Dichlorobenzidine	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U
Benzo(a)anthracene	170	1100	650 J	*18000	610 J	220 J	2400 J	1000 J	660 J
Chrysene	170	810 J	590 J	14000	380 J	210 J	2200 J	1100 J	480 J
Bis(2-ethylhexyl)phthalate	170	12000	*50000	2200	*39000	4200	5600	1100 J	2200
Di-n-octylphthalate	170	280 J	1200	59 J	1300	100 J	5100 U	5200 U	94 J
Benzo(b)fluoranthene	170	1500	970 J	*25000	1100	360 J	4100 J	1400 J	1000
Benzo(k)fluoranthene	170	530 J	320 J	7300	270 J	130 J	1100 J	700 J	340 J
Benzo(a)pyrene	170	970 J	670 J	*18000	620 J	200 J	2800 J	1100 J	690 J
Indeno(1,2,3-cd)pyrene	170	670 J	560 J	12000	430 J	190 J	2200 J	1000 J	540 J
Dibenzo(a,h)anthracene	170	190 J	150 J	3200	120 J	55 J	670 J	440 J	140 J
Benzo(g,h,i)perylene	170	650 J	550 J	11000	430 J	200 J	2300 J	990 J	540 J
2,3,4,6-Tetrachlorophenol	170	1000 U	1100 U	980 U	900 U	850 U	5100 U	5200 U	900 U

DILUTION FACTOR:	5.0	5.0 / *20.0	5.0 / *10.0	5.0 / *15.0	5.0	30.0	30.0	5.0
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE EXTRACTED:	12/7/2009	12/7/2009	12/9/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/9/2009
DATE ANALYZED:	12/15/2009	12/15/2009	12/16/2009	12/15/2009	12/15/2009	12/16/2009	12/16/2009	12/16/2009
SAMPLE WEIGHT (GRAMS):	31.2	31.9	31.1	30.3	34.5	32.7	32.8	32.1
% MOISTURE:	21.0	24.0	16.0	6.9	14.0	7.8	9.6	12.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2061	A2062	A2063	A2064	A2065	A2066	A2067	A2068
SAMPLE LOCATION:		SS-178	SS-179	SS-180	SS-181	SS-182	SS-183	SS-184	SS-185
LABORATORY NUMBER:		9339017007	9339017008	9339006017	9339006018	9339017009	9339017010	9339017011	9339017012
COMPOUND	CRQL								
Benzaldehyde	170	52 J	49 J	140 J	670 J	280 J	470 J	83 J	81 J
Phenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	29 J
Bis(2-chloroethyl)ether	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2-Chlorophenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2-Methylphenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2,2'-Oxybis(1-chloropropane)	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Acetophenone	170	890 U	58 J	40 J	49 J	40 J	4100 U	65 J	40 J
4-Methylphenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
N-Nitroso-di-n-propylamine	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Hexachloroethane	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Nitrobenzene	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Isophorone	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2-Nitrophenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2,4-Dimethylphenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Bis(2-chloroethoxy)methane	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2,4-Dichlorophenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Naphthalene	170	890 U	980 U	32 J	210 J	190 J	4100 U	64 J	930 U
4-Chloroaniline	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Hexachlorobutadiene	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Caprolactam	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
4-Chloro-3-methylphenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2-Methylnaphthalene	170	890 U	980 U	1000 U	95 J	84 J	4100 U	45 J	930 U
Hexachlorocyclopentadiene	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2,4,6-Trichlorophenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2,4,5-Trichlorophenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
1,1'-Biphenyl	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2-Chloronaphthalene	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
2-Nitroaniline	330	1700 U	1900 U	2000 U	1800 U	2100 U	8000 U	1400 U	1800 U
Dimethylphthalate	170	890 U	980 U	1000 U	940 U	1100 U	500 J	740 U	930 U
2,6-Dinitrotoluene	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Acenaphthylene	170	890 U	980 U	45 J	75 J	48 J	220 J	130 J	62 J
3-Nitroaniline	330	1700 U	1900 U	2000 U	1800 U	2100 U	8000 U	1400 U	1800 U
Acenaphthene	170	890 U	980 U	1000 U	450 J	500 J	340 J	150 J	36 J
2,4-Dinitrophenol	330	1700 U	1900 U	2000 U	1800 U	2100 U	8000 U	1400 U	1800 U
4-Nitrophenol	330	1700 U	1900 U	2000 U	1800 U	2100 U	8000 U	1400 U	1800 U
Dibenzofuran	170	890 U	980 U	1000 U	230 J	230 J	220 J	82 J	930 U
2,4-Dinitrotoluene	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Diethylphthalate	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	25 J	930 U
Fluorene	170	890 U	980 U	1000 U	470 J	460 J	310 J	140 J	42 J
4-Chlorophenyl-phenylether	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
4-Nitroaniline	330	1700 U	1900 U	2000 U	1800 U	2100 U	8000 U	1400 U	1800 U
4,6-Dinitro-2-methylphenol	330	1700 U	1900 U	2000 U	1800 U	2100 U	8000 U	1400 U	1800 U
N-Nitrosodiphenylamine	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
1,2,4,5-Tetrachlorobenzene	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
4-Bromophenyl-phenylether	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Hexachlorobenzene	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Atrazine	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Pentachlorophenol	330	1700 U	1900 U	2000 U	1800 U	2100 U	8000 U	1400 U	1800 U
Phenanthrene	170	76 J	100 J	320 J	4700	4200	4800	1500	780 J
Anthracene	170	890 U	980 U	39 J	1000	950 J	910 J	320 J	89 J
Carbazole	170	890 U	980 U	1000 U	630 J	540 J	330 J	150 J	120 J
Di-n-butylphthalate	170	890 U	71 J	1000 U	140 J	36 J	280 J	110 J	56 J
Fluoranthene	170	130 J	240 J	670 J	7400	8500	7500	2000	1700
Pyrene	170	120 J	210 J	750 J	5100	5900	6000	1700	1600
Butylbenzylphthalate	170	44 J	490 J	32 J	81 J	63 J	300 J	520 J	270 J
3,3'-Dichlorobenzidine	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U
Benzo(a)anthracene	170	120 J	190 J	460 J	4100	4500	3600 J	1200	930 J
Chrysene	170	100 J	170 J	400 J	3100	3600	3000 J	870	820 J
Bis(2-ethylhexyl)phthalate	170	5000	*67000	7600	13000	6900	37000	*190000	*92000
Di-n-octylphthalate	170	56 J	5200	210 J	320 J	110 J	720 J	4700	1600
Benzo(b)fluoranthene	170	200 J	330 J	510 J	5100	4900	4900	1800	1400
Benzo(k)fluoranthene	170	110 J	120 J	160 J	1600	1600	1400 J	530 J	340 J
Benzo(a)pyrene	170	170 J	210 J	400 J	3000	3200	2700 J	1000	880 J
Indeno(1,2,3-cd)pyrene	170	150 J	240 J	360 J	2500	2500	2200 J	930	770 J
Dibenzo(a,h)anthracene	170	64 J	81 J	97 J	660 J	670 J	600 J	230 J	200 J
Benzo(g,h,i)perylene	170	150 J	240 J	360 J	2300	2300	2000 J	990	760 J
2,3,4,6-Tetrachlorophenol	170	890 U	980 U	1000 U	940 U	1100 U	4100 U	740 U	930 U

DILUTION FACTOR:	5.0	5.0 / *30.0	5.0	5.0	5.0	20.0	5.0 / *100.0	5.0 / *60.0
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE EXTRACTED:	12/9/2009	12/9/2009	12/7/2009	12/7/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
DATE ANALYZED:	12/16/2009	12/16/2009	12/15/2009	12/15/2009	12/16/2009	12/17/2009	12/16/2009	12/16/2009
SAMPLE WEIGHT (GRAMS):	30.4	30.4	32.7	34.4	32.0	30.1	41.0	31.1
% MOISTURE:	6.0	15.0	25.0	21.0	26.0	17.0	16.0	12.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.
U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM
* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2069	A2070	A2071	A2072	A2073	A2074	A2075	A2076
SAMPLE LOCATION:		SS-186	SS-187	SS-188	SS-189	SS-190	SS-191	SS-192	SS-193
LABORATORY NUMBER:		9339017013	9339017014	9339017015	9339017016	9339017017	9339006019	9339017018	9339017019
COMPOUND	CRQL								
Benzaldehyde	170	88 J	44 J	53 J	240 J	78 J	400 J	3200 U	90 J
Phenol	170	970 U	890 U	890 U	3700 U	920 U	81 J	3200 U	1000 U
Bis(2-chloroethyl)ether	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2-Chlorophenol	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2-Methylphenol	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2,2'-Oxybis(1-chloropropane)	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Acetophenone	170	41 J	890 U	27 J	390 J	48 J	69 J	3200 U	54 J
4-Methylphenol	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
N-Nitroso-di-n-propylamine	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Hexachloroethane	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Nitrobenzene	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Isophorone	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2-Nitrophenol	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2,4-Dimethylphenol	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Bis(2-chloroethoxy)methane	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2,4-Dichlorophenol	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Naphthalene	170	49 J	890 U	890 U	3700 U	31 J	55 J	3200 U	1000 U
4-Chloroaniline	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Hexachlorobutadiene	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Caprolactam	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
4-Chloro-3-methylphenol	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2-Methylnaphthalene	170	970 U	890 U	890 U	3700 U	28 J	68 J	3200 U	1000 U
Hexachlorocyclopentadiene	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2,4,6-Trichlorophenol	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2,4,5-Trichlorophenol	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
1,1'-Biphenyl	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2-Chloronaphthalene	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2-Nitroaniline	330	1900 U	1700 U	1700 U	7100 U	1800 U	1800 U	6200 U	1900 U
Dimethylphthalate	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
2,6-Dinitrotoluene	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Acenaphthylene	170	80 J	26 J	890 U	300 J	920 U	51 J	3200 U	96 J
3-Nitroaniline	330	1900 U	1700 U	1700 U	7100 U	1800 U	1800 U	6200 U	1900 U
Acenaphthene	170	51 J	890 U	890 U	3700 U	100 J	940 U	3200 U	1000 U
2,4-Dinitrophenol	330	1900 U	1700 U	1700 U	7100 U	1800 U	1800 U	6200 U	1900 U
4-Nitrophenol	330	1900 U	1700 U	1700 U	7100 U	1800 U	1800 U	6200 U	1900 U
Dibenzofuran	170	32 J	890 U	890 U	3700 U	64 J	940 U	3200 U	1000 U
2,4-Dinitrotoluene	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Diethylphthalate	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Fluorene	170	59 J	890 U	890 U	220 J	76 J	36 J	3200 U	32 J
4-Chlorophenyl-phenylether	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
4-Nitroaniline	330	1900 U	1700 U	1700 U	7100 U	1800 U	1800 U	6200 U	1900 U
4,6-Dinitro-2-methylphenol	330	1900 U	1700 U	1700 U	7100 U	1800 U	1800 U	6200 U	1900 U
N-Nitrosodiphenylamine	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
1,2,4,5-Tetrachlorobenzene	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
4-Bromophenyl-phenylether	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Hexachlorobenzene	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Atrazine	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Pentachlorophenol	330	1900 U	1700 U	1700 U	7100 U	1800 U	1800 U	6200 U	1900 U
Phenanthrene	170	820 J	82 J	44 J	1900 J	820 J	420 J	3200 U	330 J
Anthracene	170	140 J	890 U	890 U	280 J	150 J	71 J	3200 U	63 J
Carbazole	170	79 J	890 U	890 U	3700 U	120 J	940 U	3200 U	1000 U
Di-n-butylphthalate	170	970 U	890 U	890 U	210 J	30 J	73 J	170 J	80 J
Fluoranthene	170	1700	280 J	170 J	2900 J	1100	760 J	380 J	1100
Pyrene	170	1600	250 J	160 J	2400 J	750 J	610 J	310 J	690 J
Butylbenzylphthalate	170	45 J	40 J	890 U	3700 U	40 J	190 J	3200 U	630 J
3,3'-Dichlorobenzidine	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
Benzo(a)anthracene	170	970 J	160 J	98 J	1400 J	510 J	460 J	190 J	560 J
Chrysene	170	910 J	180 J	120 J	1700 J	440 J	330 J	190 J	420 J
Bis(2-ethylhexyl)phthalate	170	2500	2800	2600	7000	1800	10000	3300	*93000
Di-n-octylphthalate	170	85 J	66 J	890 U	3700 U	46 J	160 J	3200 U	1600
Benzo(b)fluoranthene	170	1400	340 J	190 J	2500 J	760 J	690 J	440 J	840 J
Benzo(k)fluoranthene	170	550 J	130 J	86 J	740 J	250 J	210 J	180 J	280 J
Benzo(a)pyrene	170	930 J	210 J	130 J	970 J	490 J	410 J	320 J	570 J
Indeno(1,2,3-cd)pyrene	170	870 J	210 J	140 J	1100 J	430 J	390 J	470 J	570 J
Dibenzo(a,h)anthracene	170	220 J	72 J	49 J	580 J	120 J	110 J	170 J	130 J
Benzo(g,h,i)perylene	170	840 J	110 J	230 J	430 J	180 J	430 J	610 J	480 J
2,3,4,6-Tetrachlorophenol	170	970 U	890 U	890 U	3700 U	920 U	940 U	3200 U	1000 U
DILUTION FACTOR:		5.0	5.0	5.0	20.0	5.0	5.0	20	5.0 / *30.0
DATE SAMPLED:		12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE EXTRACTED:		12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/7/2009	12/9/2009	12/9/2009
DATE ANALYZED:		12/16/2009	12/16/2009	12/17/2009	12/17/2009	12/17/2009	12/15/2009	12/17/2009	12/17/2009
SAMPLE WEIGHT (GRAMS):		30.6	30.9	31.1	30.6	30.9	33.7	34.1	30.6
% MOISTURE:		14.0	7.5	8.2	9.3	10.0	19.0	6.7	17.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2077	A2078	A2079	A2080	A2081	A2082	A2083	A2084
SAMPLE LOCATION:		SS-194	SS-195	SS-196	SS-197	SS-198	SS-199	SS-200	SS-201
LABORATORY NUMBER:		9339017020	9339018001	9339018002	9339018003	9339018004	9339006020	939018005	9339006021
COMPOUND	CRQL								
Benzaldehyde	170	230 J	710 J	220 J	150 J	150 J	54 J	450 J	4900 U
Phenol	170	3700 U	32 J	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Bis(2-chloroethyl)ether	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2-Chlorophenol	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2-Methylphenol	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2,2'-Oxybis(1-chloropropane)	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Acetophenone	170	250 J	970 U	35 J	36 J	62 J	41 J	59 J	4900 U
4-Methylphenol	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
N-Nitroso-di-n-propylamine	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Hexachloroethane	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Nitrobenzene	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Isophorone	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2-Nitrophenol	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2,4-Dimethylphenol	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Bis(2-chloroethoxy)methane	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2,4-Dichlorophenol	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Naphthalene	170	130 J	330 J	1000 U	1000 U	41 J	39 J	1500 U	4900 U
4-Chloroaniline	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Hexachlorobutadiene	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Caprolactam	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
4-Chloro-3-methylphenol	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2-Methylnaphthalene	170	3700 U	130 J	1000 U	1000 U	76 J	880 U	1500 U	4900 U
Hexachlorocyclopentadiene	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2,4,6-Trichlorophenol	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2,4,5-Trichlorophenol	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
1,1'-Biphenyl	170	3700 U	33 J	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2-Chloronaphthalene	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2-Nitroaniline	330	7200 U	1900 U	2000 U	2000 U	2500 U	1700 U	2900 U	9600 U
Dimethylphthalate	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2,6-Dinitrotoluene	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Acenaphthylene	170	280 J	220 J	64 J	40 J	1300 U	63 J	62 J	4900 U
3-Nitroaniline	330	7200 U	1900 U	2000 U	2000 U	2500 U	1700 U	2900 U	9600 U
Acenaphthene	170	130 J	170 J	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2,4-Dinitrophenol	330	7200 U	1900 U	2000 U	2000 U	2500 U	1700 U	2900 U	9600 U
4-Nitrophenol	330	7200 U	1900 U	2000 U	2000 U	2500 U	1700 U	2900 U	9600 U
Dibenzofuran	170	3700 U	150 J	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
2,4-Dinitrotoluene	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Diethylphthalate	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Fluorene	170	210 J	290 J	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
4-Chlorophenyl-phenylether	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
4-Nitroaniline	330	7200 U	1900 U	2000 U	2000 U	2500 U	1700 U	2900 U	9600 U
4,6-Dinitro-2-methylphenol	330	7200 U	1900 U	2000 U	2000 U	2500 U	1700 U	2900 U	9600 U
N-Nitrosodiphenylamine	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
1,2,4,5-Tetrachlorobenzene	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
4-Bromophenyl-phenylether	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Hexachlorobenzene	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Atrazine	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Pentachlorophenol	330	7200 U	1900 U	2000 U	2000 U	2500 U	1700 U	2900 U	9600 U
Phenanthrene	170	1600 J	2800	310 J	120 J	180 J	160 J	170 J	370 J
Anthracene	170	370 J	530 J	79 J	1000 U	1300 U	34 J	1500 U	4900 U
Carbazole	170	180 J	320 J	36 J	1000 U	1300 U	880 U	1500 U	4900 U
Di-n-butylphthalate	170	420 J	76 J	46 J	50 J	1300 U	880 U	1500 U	290 J
Fluoranthene	170	4000	4500	900 J	290 J	370 J	540 J	550 J	990 J
Pyrene	170	2800 J	4100	930 J	330 J	380 J	480 J	720 J	720 J
Butylbenzylphthalate	170	5300	4300	380 J	390 J	120 J	46 J	85 J	160 J
3,3'-Dichlorobenzidine	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U
Benzo(a)anthracene	170	2300 J	2200	530 J	190 J	250 J	290 J	400 J	560 J
Chrysene	170	1800 J	2300	590 J	230 J	260 J	380 J	460 J	620 J
Bis(2-ethylhexyl)phthalate	170	*1100000	*1100000	*1000000	*47000	13000	1900	4300	7000
Di-n-octylphthalate	170	9900	2600	3600	1900	510 J	57 J	46 J	300 J
Benzo(b)fluoranthene	170	3300 J	3100	790 J	310 J	340 J	620 J	820 J	910 J
Benzo(k)fluoranthene	170	1300 J	820 J	280 J	130 J	120 J	190 J	280 J	450 J
Benzo(a)pyrene	170	2300 J	2100	480 J	220 J	240 J	360 J	510 J	590 J
Indeno(1,2,3-cd)pyrene	170	2100 J	1400	450 J	220 J	220 J	320 J	520 J	660 J
Dibenzo(a,h)anthracene	170	580 J	310 J	100 J	55 J	56 J	84 J	86 J	260 J
Benzo(g,h,i)perylene	170	2000 J	1200	390 J	210 J	190 J	370 J	450 J	750 J
2,3,4,6-Tetrachlorophenol	170	3700 U	970 U	1000 U	1000 U	1300 U	880 U	1500 U	4900 U

DILUTION FACTOR:	20.0 / *400.0	5.0 / *50.0	5.0 / *50.0	5.0 / *30.0	5.0	5.0	5.0	30.0
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE EXTRACTED:	12/9/2009	12/4/2009	12/11/2009	12/11/2009	12/11/2009	12/7/2009	12/11/2009	12/7/2009
DATE ANALYZED:	12/17/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/15/2009	12/16/2009	12/16/2009
SAMPLE WEIGHT (GRAMS):	31.6	30.3	30.6	30.6	30.1	31.2	30.5	35.0
% MOISTURE:	14.0	14.0	19.0	20.0	34.0	6.9	43.0	11.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2085	A2086	A2087	A2088	A2089	A2090	A2091	A2092
SAMPLE LOCATION:		SS-202	SS-203	SS-204	SS-205	SS-206	SS-207	SS-208	SS-209
LABORATORY NUMBER:		9339018006	9339018007	9339018008	9339018009	9339018010	9339006022	9339018011	9339018012
COMPOUND	CRQL								
Benzaldehyde	170	280 J	220 J	590 J	170 J	5200 U	4900 U	700 J	210 J
Phenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Bis(2-chloroethyl)ether	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2-Chlorophenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2-Methylphenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2,2'-Oxybis(1-chloropropane)	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Acetophenone	170	38 J	38 J	51 J	51 J	5200 U	4900 U	4700 U	75 J
4-Methylphenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
N-Nitroso-di-n-propylamine	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Hexachloroethane	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Nitrobenzene	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Isophorone	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2-Nitrophenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2,4-Dimethylphenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Bis(2-chloroethoxy)methane	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2,4-Dichlorophenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Naphthalene	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
4-Chloroaniline	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Hexachlorobutadiene	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Caprolactam	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
4-Chloro-3-methylphenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2-Methylnaphthalene	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Hexachlorocyclopentadiene	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2,4,6-Trichlorophenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2,4,5-Trichlorophenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
1,1'-Biphenyl	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2-Chloronaphthalene	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2-Nitroaniline	330	2200 U	2100 U	2300 U	2200 U	10000 U	9500 U	9000 U	2000 U
Dimethylphthalate	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2,6-Dinitrotoluene	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Acenaphthylene	170	1100 U	1100 U	1200 U	1100 U	250 J	4900 U	4700 U	50 J
3-Nitroaniline	330	2200 U	2100 U	2300 U	2200 U	10000 U	9500 U	9000 U	2000 U
Acenaphthene	170	64 J	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2,4-Dinitrophenol	330	2200 U	2100 U	2300 U	2200 U	10000 U	9500 U	9000 U	2000 U
4-Nitrophenol	330	2200 U	2100 U	2300 U	2200 U	10000 U	9500 U	9000 U	2000 U
Dibenzofuran	170	38 J	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
2,4-Dinitrotoluene	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Diethylphthalate	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Fluorene	170	53 J	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
4-Chlorophenyl-phenylether	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
4-Nitroaniline	330	2200 U	2100 U	2300 U	2200 U	10000 U	9500 U	9000 U	2000 U
4,6-Dinitro-2-methylphenol	330	2200 U	2100 U	2300 U	2200 U	10000 U	9500 U	9000 U	2000 U
N-Nitrosodiphenylamine	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
1,2,4,5-Tetrachlorobenzene	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
4-Bromophenyl-phenylether	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Hexachlorobenzene	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Atrazine	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Pentachlorophenol	330	2200 U	2100 U	2300 U	2200 U	10000 U	9500 U	9000 U	2000 U
Phenanthrene	170	890 J	1100 U	130 J	96 J	890 J	270 J	440 J	110 J
Anthracene	170	140 J	1100 U	1200 U	1100 U	190 J	4900 U	4700 U	1000 U
Carbazole	170	78 J	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Di-n-butylphthalate	170	1100 U	1100 U	55 J	150 J	5200 U	4900 U	4700 U	32 J
Fluoranthene	170	1200	76 J	300 J	270 J	1900 J	1000 J	1200 J	230 J
Pyrene	170	1100	92 J	320 J	300 J	2500 J	920 J	1500 J	320 J
Butylbenzylphthalate	170	78 J	350 J	200 J	160 J	5200 U	4900 U	4700 U	1000 U
3,3'-Dichlorobenzidine	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
Benzo(a)anthracene	170	580 J	71 J	180 J	170 J	1100 J	670 J	850 J	160 J
Chrysene	170	580 J	72 J	240 J	200 J	1200 J	530 J	900 J	190 J
Bis(2-ethylhexyl)phthalate	170	3400	*82000	15000	10000	3900 J	1200 J	3500 J	4400
Di-n-octylphthalate	170	57 J	1500	320 J	150 J	5200 U	4900 U	4700 U	120 J
Benzo(b)fluoranthene	170	800 J	120 J	320 J	310 J	1700 J	1100 J	1500 J	410 J
Benzo(k)fluoranthene	170	280 J	65 J	96 J	130 J	650 J	400 J	470 J	120 J
Benzo(a)pyrene	170	520 J	90 J	190 J	190 J	1100 J	760 J	1000 J	250 J
Indeno(1,2,3-cd)pyrene	170	380 J	74 J	170 J	220 J	920 J	670 J	960 J	360 J
Dibenzo(a,h)anthracene	170	110 J	1100 U	42 J	58 J	230 J	240 J	310 J	86 J
Benzo(g,h,i)perylene	170	340 J	67 J	170 J	190 J	800 J	860 J	810 J	580 J
2,3,4,6-Tetrachlorophenol	170	1100 U	1100 U	1200 U	1100 U	5200 U	4900 U	4700 U	1000 U
DILUTION FACTOR:		5.0	5.0 / *30.0	5.0	5.0	20.0	30.0	20.0	5.0
DATE SAMPLED:		12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE EXTRACTED:		12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/7/2009	12/11/2009	12/11/2009
DATE ANALYZED:		12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/17/2009	12/16/2009
SAMPLE WEIGHT (GRAMS):		30.1	30.2	30.4	30.5	30.1	34.3	30.1	31.7
% MOISTURE:		24.0	23.0	29.0	27.0	35.0	8.5	27.0	21.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2093	A2094	A2095	A2096	A2097	A20A4	A20A5	A20A6
SAMPLE LOCATION:		SS-210	SS-211	SS-212	SS-213	SS-214	SS-221	SS-222	SS-223
LABORATORY NUMBER:		9339018013	9339018014	9339018015	9339018016	9339018017	9339018018	9339018019	9339018020
COMPOUND	CRQL								
Benzaldehyde	170	1400	330 J	1100	170 J	1000 J	440 J	510 J	800 J
Phenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Bis(2-chloroethyl)ether	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2-Chlorophenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2-Methylphenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2,2'-Oxybis(1-chloropropane)	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Acetophenone	170	47 J	35 J	1100 U	58 J	150 J	97 J	65 J	78 J
4-Methylphenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
N-Nitroso-di-n-propylamine	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Hexachloroethane	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Nitrobenzene	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Isophorone	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2-Nitrophenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2,4-Dimethylphenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Bis(2-chloroethoxy)methane	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2,4-Dichlorophenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Naphthalene	170	38 J	31 J	1100 U	1200 U	3700 U	210 J	310 J	790 J
4-Chloroaniline	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Hexachlorobutadiene	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Caprolactam	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
4-Chloro-3-methylphenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2-Methylnaphthalene	170	1100 U	960 U	1100 U	1200 U	3700 U	210 J	260 J	440 J
Hexachlorocyclopentadiene	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2,4,6-Trichlorophenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2,4,5-Trichlorophenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
1,1'-Biphenyl	170	1100 U	960 U	1100 U	1200 U	3700 U	43 J	62 J	110 J
2-Chloronaphthalene	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2-Nitroaniline	330	2100 U	1900 U	2100 U	2200 U	7100 U	2100 U	1900 U	1700 U
Dimethylphthalate	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
2,6-Dinitrotoluene	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Acenaphthylene	170	1100 U	46 J	41 J	1200 U	3700 U	390 J	670 J	300 J
3-Nitroaniline	330	2100 U	1900 U	2100 U	2200 U	7100 U	2100 U	1900 U	1700 U
Acenaphthene	170	55 J	960 U	1100 U	1200 U	3700 U	69 J	92 J	930
2,4-Dinitrophenol	330	2100 U	1900 U	2100 U	2200 U	7100 U	2100 U	1900 U	1700 U
4-Nitrophenol	330	2100 U	1900 U	2100 U	2200 U	7100 U	2100 U	1900 U	1700 U
Dibenzofuran	170	1100 U	960 U	1100 U	1200 U	3700 U	61 J	88 J	790 J
2,4-Dinitrotoluene	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Diethylphthalate	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Fluorene	170	52 J	960 U	1100 U	1200 U	3700 U	150 J	260 J	1200
4-Chlorophenyl-phenylether	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
4-Nitroaniline	330	2100 U	1900 U	2100 U	2200 U	7100 U	2100 U	1900 U	1700 U
4,6-Dinitro-2-methylphenol	330	2100 U	1900 U	2100 U	2200 U	7100 U	2100 U	1900 U	1700 U
N-Nitrosodiphenylamine	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
1,2,4,5-Tetrachlorobenzene	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
4-Bromophenyl-phenylether	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Hexachlorobenzene	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Atrazine	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Pentachlorophenol	330	2100 U	1900 U	2100 U	2200 U	7100 U	2100 U	1900 U	1700 U
Phenanthrene	170	520 J	130 J	290 J	170 J	230 J	2200	4400	*17000
Anthracene	170	110 J	29 J	60 J	1200 U	3700 U	270 J	390 J	2900
Carbazole	170	71 J	960 U	32 J	1200 U	3700 U	180 J	230 J	1900
Di-n-butylphthalate	170	36 J	210 J	1100 U	1200 U	3700 U	39 J	69 J	150 J
Fluoranthene	170	830 J	320 J	770 J	350 J	530 J	3700	6300	*20000
Pyrene	170	800 J	370 J	820 J	380 J	680 J	4400	8500	*19000
Butylbenzylphthalate	170	350 J	83 J	110 J	1200 U	3700 U	93 J	150 J	150 J
3,3'-Dichlorobenzidine	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U
Benzo(a)anthracene	170	430 J	210 J	470 J	200 J	330 J	2000	3500	10000
Chrysene	170	480 J	240 J	570 J	270 J	420 J	2700	4800	11000
Bis(2-ethylhexyl)phthalate	170	*43000	3200	520 J	2100	2700 J	2700	9100	3200
Di-n-octylphthalate	170	1400	73 J	1100 U	1200 U	3700 U	89 J	100 J	97 J
Benzo(b)fluoranthene	170	650 J	360 J	1000 J	380 J	630 J	3400	5600	*13000
Benzo(k)fluoranthene	170	240 J	130 J	270 J	130 J	220 J	950 J	1400	4000
Benzo(a)pyrene	170	410 J	270 J	580 J	210 J	410 J	2100	3600	8900
Indeno(1,2,3-cd)pyrene	170	340 J	230 J	460 J	200 J	300 J	1400	2300	5800
Dibenzo(a,h)anthracene	170	59 J	56 J	95 J	51 J	110 J	360 J	600 J	1500
Benzo(g,h,i)perylene	170	280 J	200 J	440 J	220 J	310 J	1200	2000	4700
2,3,4,6-Tetrachlorophenol	170	1100 U	960 U	1100 U	1200 U	3700 U	1100 U	990 U	860 U

DILUTION FACTOR:	5.0 / *30.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0 / *20.0
DATE SAMPLED:	12/1/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009
DATE ANALYZED:	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/17/2009	12/17/2009	12/17/2009	12/17/2009
SAMPLE WEIGHT (GRAMS):	30.2	30.3	30.3	30.4	30	30.1	30.5	30.4
% MOISTURE:	20.0	12.0	23.0	27.0	7.7	23.0	16.0	2.2

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20A7	A20A8	A20A9	A20B0	A20B1	A20B2	A20B3	A20B4
SAMPLE LOCATION:		SS-224	SS-225	SS-226	SS-227	SS-228	SS-229	SS-230	SS-231
LABORATORY NUMBER:		9339019001	9339019002	9339019003	9339019004	9339019005	9339019006	9339019007	9339019008
COMPOUND	CRQL								
Benzaldehyde	170	84 J	87 J	700 J	440 J	350 J	56 J	310 J	380 J
Phenol	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Bis(2-chloroethyl)ether	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
2-Chlorophenol	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	220 J	3800 U
2-Methylphenol	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
2,2'-Oxybis(1-chloropropane)	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Acetophenone	170	55 J	72 J	180 J	70 J	74 J	47 J	260 J	180 J
4-Methylphenol	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	42 J	3800 U
N-Nitroso-di-n-propylamine	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Hexachloroethane	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	34 J	3800 U
Nitrobenzene	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Isophorone	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
2-Nitrophenol	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
2,4-Dimethylphenol	170	1100 U	980 U	1100 J	1100 U	1100 U	910 U	980 U	3800 U
Bis(2-chloroethoxy)methane	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
2,4-Dichlorophenol	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	290 J	3800 U
Naphthalene	170	140 J	72 J	79 J	190 J	84 J	910 U	140 J	3800 U
4-Chloroaniline	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Hexachlorobutadiene	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Caprolactam	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	110 J	3800 U
4-Chloro-3-methylphenol	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
2-Methylnaphthalene	170	99 J	55 J	100 J	170 J	120 J	910 U	190 J	3800 U
Hexachlorocyclopentadiene	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
2,4,6-Trichlorophenol	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
2,4,5-Trichlorophenol	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
1,1'-Biphenyl	170	1100 U	980 U	1100 U	46 J	1100 U	910 U	980 U	3800 U
2-Chloronaphthalene	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	210 J	3800 U
2-Nitroaniline	330	2100 U	1900 U	2200 U	2200 U	2200 U	1800 U	1900 U	7500 U
Dimethylphthalate	170	1100 U	980 U	2200	1100 U	1100 U	910 U	980 U	3800 U
2,6-Dinitrotoluene	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Acenaphthylene	170	320 J	980 U	1100 U	36 J	1100 U	33 J	34 J	140 J
3-Nitroaniline	330	2100 U	1900 U	2200 U	2200 U	2200 U	1800 U	1900 U	7500 U
Acenaphthene	170	120 J	74 J	49 J	1100 J	76 J	910 U	140 J	3800 U
2,4-Dinitrophenol	330	2100 U	1900 U	2200 U	2200 U	2200 U	1800 U	1900 U	7500 U
4-Nitrophenol	330	2100 U	1900 U	2200 U	2200 U	2200 U	1800 U	1900 U	7500 U
Dibenzofuran	170	98 J	59 J	37 U	470 J	56 J	910 U	980 U	3800 U
2,4-Dinitrotoluene	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Diethylphthalate	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Fluorene	170	200 J	79 J	49 J	650 J	61 J	910 U	180 J	3800 U
4-Chlorophenyl-phenylether	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
4-Nitroaniline	330	2100 U	1900 U	2200 U	2200 U	2200 U	1800 U	1900 U	7500 U
4,6-Dinitro-2-methylphenol	330	2100 U	1900 U	2200 U	2200 U	2200 U	1800 U	1900 U	7500 U
N-Nitrosodiphenylamine	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
1,2,4,5-Tetrachlorobenzene	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
4-Bromophenyl-phenylether	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Hexachlorobenzene	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Atrazine	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	300 J	3800 U
Pentachlorophenol	330	2100 U	1900 U	2200 U	2200 U	2200 U	1800 U	1900 U	7500 U
Phenanthrene	170	2800	910 J	580 J	8600	760 J	110 J	460 J	1300 J
Anthracene	170	380 J	170 J	97 J	1600	120 J	910 U	38 J	300 J
Carbazole	170	250 J	110 J	82 J	1600	120 J	910 U	420 J	210 J
Di-n-butylphthalate	170	280 J	89 J	140 J	210 J	100 J	910 U	36 J	250 J
Fluoranthene	170	4600	1100	780 J	13000	1100 J	300 J	520 J	3000 J
Pyrene	170	4100	990	720 J	11000	950 J	310 J	760 J	3000 J
Butylbenzylphthalate	170	130 J	980 U	580 J	470 J	2700	58 J	380 J	1200 J
3,3'-Dichlorobenzidine	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U
Benzo(a)anthracene	170	2100	490 J	370 J	6600	510 J	170 J	250 J	1700 J
Chrysene	170	2500	550 J	440 J	6500	530 J	180 J	280 J	1700 J
Bis(2-ethylhexyl)phthalate	170	3000	*59000	*34000	9300	*160000	2500	900 J	54000
Di-n-octylphthalate	170	89 J	1600	630 J	140 J	740 J	100 J	980 U	340 J
Benzo(b)fluoranthene	170	3100	620 J	560 J	9300	690 J	280 J	400 J	2200 J
Benzo(k)fluoranthene	170	840 J	230 J	180 J	2500	240 J	97 J	150 J	830 J
Benzo(a)pyrene	170	2000	410 J	360 J	5900	460 J	180 J	280 J	1700 J
Indeno(1,2,3-cd)pyrene	170	1500	320 J	370 J	4300	390 J	210 J	640 J	1400 J
Dibenzo(a,h)anthracene	170	350 J	94 J	61 J	1100 J	65 J	59 J	240 J	330 J
Benzo(g,h,i)perylene	170	1300	310 J	330 J	3400	360 J	190 J	450 J	1400 J
2,3,4,6-Tetrachlorophenol	170	1100 U	980 U	1100 U	1100 U	1100 U	910 U	980 U	3800 U

DILUTION FACTOR:	5.0	5.0 / *30.0	5.0 / *30.0	5.0	5.0 / *80.0	5.0	5.0	20.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
DATE ANALYZED:	12/17/2009	12/17/2009	12/17/2009	12/17/2009	12/17/2009	12/17/2009	12/17/2009	12/18/2009
SAMPLE WEIGHT (GRAMS):	30.2	31.3	30.5	31.0	30.2	31.0	33.0	30.6
% MOISTURE:	22.0	16.0	25.0	28.0	24.0	9.6	21.0	13.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20B5	A20B6	A20B7	A20B8	A20B9	A20C0	A20C1	A20C2
SAMPLE LOCATION:		SS-232	SS-233	SS-234	SS-235	SS-236	SS-237	SS-238	SS-239
LABORATORY NUMBER:		9339019009	9339019010	9339019011	9339019012	9339019013	9339019014	9339019015	9339019016
COMPOUND	CRQL								
Benzaldehyde	170	47 J	160 J	57 J	910 U	570 J	55 J	150 J	140 J
Phenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Bis(2-chloroethyl)ether	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2-Chlorophenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2-Methylphenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2,2'-Oxybis(1-chloropropane)	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Acetophenone	170	41 J	85 J	48 J	30 J	180 J	47 J	52 J	54 J
4-Methylphenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
N-Nitroso-di-n-propylamine	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Hexachloroethane	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Nitrobenzene	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Isophorone	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2-Nitrophenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2,4-Dimethylphenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Bis(2-chloroethoxy)methane	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2,4-Dichlorophenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Naphthalene	170	880 U	140 J	320 J	910 U	4600 U	65 J	36 J	29 J
4-Chloroaniline	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Hexachlorobutadiene	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Caprolactam	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
4-Chloro-3-methylphenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2-Methylnaphthalene	170	880 U	89 J	140 J	910 U	4600 U	30 J	1100 U	970 U
Hexachlorocyclopentadiene	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2,4,6-Trichlorophenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2,4,5-Trichlorophenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
1,1'-Biphenyl	170	880 U	1200 U	37 J	910 U	4600 U	930 U	1100 U	970 U
2-Chloronaphthalene	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2-Nitroaniline	330	1700 U	2400 U	1900 U	1800 U	8800 U	1800 U	2100 U	1900 U
Dimethylphthalate	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
2,6-Dinitrotoluene	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Acenaphthylene	170	30 J	390 J	63 J	910 U	4600 U	56 J	1100 U	970 U
3-Nitroaniline	330	1700 U	2400 U	1900 U	1800 U	8800 U	1800 U	2100 U	1900 U
Acenaphthene	170	880 U	38 J	830 J	910 U	4600 U	230 J	1100 U	82 J
2,4-Dinitrophenol	330	1700 U	2400 U	1900 U	1800 U	8800 U	1800 U	2100 U	1900 U
4-Nitrophenol	330	1700 U	2400 U	1900 U	1800 U	8800 U	1800 U	2100 U	1900 U
Dibenzofuran	170	880 U	1200 U	370 J	910 U	4600 U	99 J	1100 U	36 J
2,4-Dinitrotoluene	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Diethylphthalate	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Fluorene	170	880 U	110 J	700 J	910 U	4600 U	200 J	1100 U	65 J
4-Chlorophenyl-phenylether	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
4-Nitroaniline	330	1700 U	2400 U	1900 U	1800 U	8800 U	1800 U	2100 U	1900 U
4,6-Dinitro-2-methylphenol	330	1700 U	2400 U	1900 U	1800 U	8800 U	1800 U	2100 U	1900 U
N-Nitrosodiphenylamine	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
1,2,4,5-Tetrachlorobenzene	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
4-Bromophenyl-phenylether	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Hexachlorobenzene	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Atrazine	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Pentachlorophenol	330	1700 U	2400 U	1900 U	1800 U	8800 U	1800 U	2100 U	1900 U
Phenanthrene	170	89 J	1100 J	6000	910 U	870 J	2200	350 J	650 J
Anthracene	170	880 U	210 J	1500	910 U	170 J	620 J	1100 U	130 J
Carbazole	170	880 U	1200 U	1000	910 U	4600 J	280 J	1100 U	95 J
Di-n-butylphthalate	170	880 U	70 J	38 J	910 U	300 J	31 J	1100 U	66 J
Fluoranthene	170	230 J	2700	8800	32 J	1800 J	4800	670 J	900 J
Pyrene	170	230 J	3200	7200	32 J	1800 J	4100	1400	860 J
Butylbenzylphthalate	170	880 U	160 J	980 U	910 U	360 J	55 J	1100 U	250 J
3,3'-Dichlorobenzidine	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
Benzo(a)anthracene	170	130 J	1700	4400	29 J	810 J	2400	370 J	460 J
Chrysene	170	150 J	1900	3700	910 U	1100 J	2200	480 J	480 J
Bis(2-ethylhexyl)phthalate	170	3300	*56000	2800	140 J	39000	2700	990 J	13000
Di-n-octylphthalate	170	85 J	420 J	68 J	910 U	2400 J	52 J	1100 U	140 J
Benzo(b)fluoranthene	170	240 J	2400	5300	29 J	1300 J	3700	730 J	620 J
Benzo(k)fluoranthene	170	80 J	700 J	1700	41 J	430 J	920 J	240 J	240 J
Benzo(a)pyrene	170	180 J	1800	3700	910 U	850 J	2600	460 J	440 J
Indeno(1,2,3-cd)pyrene	170	170 J	1400	2400	910 U	1000 J	2100	440 J	420 J
Dibenzo(a,h)anthracene	170	48 J	340 J	610 J	910 U	320 J	470 J	120 J	80 J
Benzo(g,h,i)perylene	170	150 J	1400	2100	910 U	960 J	1800	400 J	380 J
2,3,4,6-Tetrachlorophenol	170	880 U	1200 U	980 U	910 U	4600 U	930 U	1100 U	970 U
DILUTION FACTOR:		5.0	5.0 / *30.0	5.0	5.0	20.0	5.0	5.0	5.0
DATE SAMPLED:		12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:		12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
DATE ANALYZED:		12/17/2009	12/17/2009	12/17/2009	12/17/2009	12/18/2009	12/17/2009	12/17/2009	12/18/2009
SAMPLE WEIGHT (GRAMS):		32.3	30.7	30.9	30.5	31	30.2	32.7	31
% MOISTURE:		11.0	32.0	16.0	8.5	28.0	9.1	29.0	16.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20C3	A20C4	A20C5	A20C6	A20C7	A20C8	A20C9	A20D0
SAMPLE LOCATION:		SS-240	SS-241	SS-242	SS-243	SS-244	SS-245	SS-246	SS-247
LABORATORY NUMBER:		9339019017	9339019018	9339019019	9339019022	9339020002	9339020002	9339020003	9339020004
COMPOUND	CRQL								
Benzaldehyde	170	270 J	260 J	410 J	490 J	360 J	150 J	520 J	390 J
Phenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Bis(2-chloroethyl)ether	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2-Chlorophenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2-Methylphenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2,2'-Oxybis(1-chloropropane)	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Acetophenone	170	54 J	56 J	45 J	51 J	38 J	30 J	54 J	34 J
4-Methylphenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
N-Nitroso-di-n-propylamine	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Hexachloroethane	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Nitrobenzene	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Isophorone	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2-Nitrophenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2,4-Dimethylphenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Bis(2-chloroethoxy)methane	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2,4-Dichlorophenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Naphthalene	170	1000 U	1200 U	48 J	420 J	85 J	290 J	1200 U	34 J
4-Chloroaniline	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Hexachlorobutadiene	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Caprolactam	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
4-Chloro-3-methylphenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2-Methylnaphthalene	170	1000 U	1200 U	1100 U	170 J	49 J	120 J	1200 U	1000 U
Hexachlorocyclopentadiene	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2,4,6-Trichlorophenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2,4,5-Trichlorophenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
1,1'-Biphenyl	170	1000 U	1200 U	1100 U	46 J	1100 U	33 J	1200 U	1000 U
2-Chloronaphthalene	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2-Nitroaniline	330	2000 U	2400 U	2000 U	1900 U	2100 U	1600 U	2300 U	2000 U
Dimethylphthalate	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
2,6-Dinitrotoluene	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Acenaphthylene	170	30 J	1200 U	43 J	86 J	37 J	29 J	93 J	66 J
3-Nitroaniline	330	2000 U	2400 U	2000 U	1900 U	2100 U	1600 U	2300 U	2000 U
Acenaphthene	170	1000 U	1200 U	100 J	980	220 J	730 J	1200 U	1000 U
2,4-Dinitrophenol	330	2000 U	2400 U	2000 U	1900 U	2100 U	1600 U	2300 U	2000 U
4-Nitrophenol	330	2000 U	2400 U	2000 U	1900 U	2100 U	1600 U	2300 U	2000 U
Dibenzofuran	170	1000 U	1200 U	42 J	470 J	110 J	350 J	1200 U	1000 U
2,4-Dinitrotoluene	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Diethylphthalate	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Fluorene	170	1000 U	1200 U	88 J	850 J	200 J	630 J	43 J	35 J
4-Chlorophenyl-phenylether	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
4-Nitroaniline	330	2000 U	2400 U	2000 U	1900 U	2100 U	1600 U	2300 U	2000 U
4,6-Dinitro-2-methylphenol	330	2000 U	2400 U	2000 U	1900 U	2100 U	1600 U	2300 U	2000 U
N-Nitrosodiphenylamine	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
1,2,4,5-Tetrachlorobenzene	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
4-Bromophenyl-phenylether	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Hexachlorobenzene	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Atrazine	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Pentachlorophenol	330	2000 U	2400 U	2000 U	1900 U	2100 U	1600 U	2300 U	2000 U
Phenanthrene	170	210 J	220 J	1000 J	8400	2200	6500	570 J	380 J
Anthracene	170	44 J	56 J	260 J	2200	470 J	1700	90 J	84 J
Carbazole	170	1000 U	1200 U	150 J	1300	280 J	960	50 J	54 J
Di-n-butylphthalate	170	61 J	58 J	46 J	75 J	33 J	840 U	85 J	1000 U
Fluoranthene	170	490 J	550 J	2000	13000	3200	9000	1200	1100
Pyrene	170	500 J	500 J	1900	12000	3100	7000	1200 J	1100
Butylbenzylphthalate	170	1000 U	1200 U	200 J	110 J	100 J	840 U	530 J	98 J
3,3'-Dichlorobenzidine	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U
Benzo(a)anthracene	170	280 J	290 J	1100	6900	2000	4500	680 J	640 J
Chrysene	170	330 J	330 J	1100	6100	1500	3800	650 J	570 J
Bis(2-ethylhexyl)phthalate	170	*19000	17000	*22000	9600	*22000	850	18000	3500
Di-n-octylphthalate	170	370 J	370 J	200 J	140 J	650 J	840 U	330 J	39 J
Benzo(b)fluoranthene	170	410 J	470 J	1400	8000	2200	5500	1200	960 J
Benzo(k)fluoranthene	170	140 J	130 J	480 J	3200	880 J	2100	240 J	230 J
Benzo(a)pyrene	170	280 J	290 J	1000 J	6200	1500	3800	700 J	600 J
Indeno(1,2,3-cd)pyrene	170	300 J	320 J	730 J	4300	1100 J	2500	550 J	470 J
Dibenzo(a,h)anthracene	170	82 J	48 J	190 J	990	270 J	630 J	130 J	120 J
Benzo(g,h,i)perylene	170	290 J	280 J	620 J	3700	990 J	2300	570 J	520 J
2,3,4,6-Tetrachlorophenol	170	1000 U	1200 U	1100 U	970 U	1100 U	840 U	1200 U	1000 U

DILUTION FACTOR:	5.0 / *10.0	5.0	5.0 / *10.0	5.0	5.0 / *10.0	5.0	5.0	5.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009
DATE ANALYZED:	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009
SAMPLE WEIGHT (GRAMS):	30.1	31.4	30.9	35.3	31.1	37.5	32.6	32.8
% MOISTURE:	16.0	34.0	22.0	25.0	24.0	19.0	33.0	25.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20D1	A20D2	A20D3	A20D4	A20D5	A20D6	A20D7	A20D8
SAMPLE LOCATION:		SS-248	SS-249	SS-250	SS-251	SS-252	SS-253	SS-254	SS-255
LABORATORY NUMBER:		9339020005	9339020006	9339020007	9339020008	9339020009	9339020012	9339020013	9339020014
COMPOUND	CRQL								
Benzaldehyde	170	210 J	550 J	130 J	100 J	78 J	39 J	380 J	470 J
Phenol	170	950 U	50 J	970 U	2000 U	850 U	830 U	890 U	1100 U
Bis(2-chloroethyl)ether	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2-Chlorophenol	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2-Methylphenol	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2,2'-Oxybis(1-chloropropane)	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Acetophenone	170	38 J	47 J	36 J	2000 U	29 J	830 U	36 J	70 J
4-Methylphenol	170	950 U	51 J	970 U	2000 U	850 U	830 U	890 U	1100 U
N-Nitroso-di-n-propylamine	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Hexachloroethane	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Nitrobenzene	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Isophorone	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2-Nitrophenol	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2,4-Dimethylphenol	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Bis(2-chloroethoxy)methane	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2,4-Dichlorophenol	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Naphthalene	170	140 J	1300	100 J	2000 U	58 J	830 U	32 J	170 J
4-Chloroaniline	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Hexachlorobutadiene	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Caprolactam	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
4-Chloro-3-methylphenol	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2-Methylnaphthalene	170	63 J	370 J	50 J	2000 U	850 U	830 U	890 U	63 J
Hexachlorocyclopentadiene	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2,4,6-Trichlorophenol	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2,4,5-Trichlorophenol	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
1,1'-Biphenyl	170	950 U	86 J	970 U	2000 U	850 U	830 U	890 U	1100 U
2-Chloronaphthalene	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2-Nitroaniline	330	1900 U	2100 U	1900 U	3900 U	1600 U	1600 U	1700 U	2100 U
Dimethylphthalate	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
2,6-Dinitrotoluene	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Acenaphthylene	170	56 J	80 J	69 J	94 J	33 J	37 J	51 J	55 J
3-Nitroaniline	330	1900 U	2100 U	1900 U	3900 U	1600 U	1600 U	1700 U	2100 U
Acenaphthene	170	290 J	1000 J	190 J	2000 U	160 J	830 U	56 J	450 J
2,4-Dinitrophenol	330	1900 U	2100 U	1900 U	3900 U	1600 U	1600 U	1700 U	2100 U
4-Nitrophenol	330	1900 U	2100 U	1900 U	3900 U	1600 U	1600 U	1700 U	2100 U
Dibenzofuran	170	130 J	680 J	78 J	2000 U	61 J	830 U	890 U	220 J
2,4-Dinitrotoluene	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Diethylphthalate	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Fluorene	170	260 J	1200	190 J	61 J	120 J	830 U	75 J	370 J
4-Chlorophenyl-phenylether	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
4-Nitroaniline	330	1900 U	2100 U	1900 U	3900 U	1600 U	1600 U	1700 U	2100 U
4,6-Dinitro-2-methylphenol	330	1900 U	2100 U	1900 U	3900 U	1600 U	1600 U	1700 U	2100 U
N-Nitrosodiphenylamine	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
1,2,4,5-Tetrachlorobenzene	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
4-Bromophenyl-phenylether	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Hexachlorobenzene	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Atrazine	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Pentachlorophenol	330	1900 U	2100 U	1900 U	3900 U	1600 U	1600 U	1700 U	2100 U
Phenanthrene	170	2700	8200	1800	740 J	1500	190 J	910	4100
Anthracene	170	730 J	2200	350 J	180 J	400 J	43 J	230 J	970 J
Carbazole	170	340 J	1100	200 J	88 J	160 J	830 U	71 J	480 J
Di-n-butylphthalate	170	950 U	1100 U	970 U	71 J	850 U	830 U	890 U	1100 U
Fluoranthene	170	4800	9700	3100	1400 J	3400	500 J	2100	6800
Pyrene	170	3400	8000	2400	1200 J	2400	460 J	1600	5100
Butylbenzylphthalate	170	950 U	35 J	58 J	63 J	27 J	830 U	110 J	1100 U
3,3'-Dichlorobenzidine	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U
Benzo(a)anthracene	170	2400	4700	1800	880 J	1900	300 J	1300	4100
Chrysene	170	1900	3400	1400	770 J	1600	260 J	1000	3100
Bis(2-ethylhexyl)phthalate	170	890 J	1900	1200	2900	300 J	160 J	8700	11000
Di-n-octylphthalate	170	950 U	1100 U	32 J	110 J	850 U	830 U	390 J	170 J
Benzo(b)fluoranthene	170	2500	5100	2300	1300 J	2700	390 J	1400	4700
Benzo(k)fluoranthene	170	880 J	1600	770 J	490 J	900	190 J	510 J	1600
Benzo(a)pyrene	170	1800	4000	1600	870 J	1600	340 J	950	3200
Indeno(1,2,3-cd)pyrene	170	1200	2600	1100	690 J	1100	270 J	730 J	2200
Dibenzo(a,h)anthracene	170	290 J	630 J	250 J	200 J	260 J	73 J	180 J	550 J
Benzo(g,h,i)perylene	170	1100	2600	1000	790 J	970	280 J	690 J	2000
2,3,4,6-Tetrachlorophenol	170	950 U	1100 U	970 U	2000 U	850 U	830 U	890 U	1100 U

DILUTION FACTOR:	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009
DATE ANALYZED:	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/20/2009	12/20/2009
SAMPLE WEIGHT (GRAMS):	33.3	31.2	30.9	56.4	34.7	34.6	40.1	32.6
% MOISTURE:	20.0	25.0	15.0	9.8	13.0	11.0	29.0	29.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.
U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM
* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20D9	A20E0	A20E1	A20E2	A20E3	A20E4	A20E5	A20E6
SAMPLE LOCATION:		SS-256	SS-257	SS-258	SS-259	SS-260	SS-261	SS-262	SS-263
LABORATORY NUMBER:		9339020015	9339020016	9339020017	9339020018	9339020019	9339020020	9339020021	9339020022
COMPOUND	CRQL								
Benzaldehyde	170	290 J	140 J	3700 U	56 J	49 J	42 J	2800 U	59 J
Phenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Bis(2-chloroethyl)ether	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2-Chlorophenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2-Methylphenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2,2'-Oxybis(1-chloropropane)	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Acetophenone	170	97 J	30 J	3700 U	27 J	27 J	24 J	2800 U	28 J
4-Methylphenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
N-Nitroso-di-n-propylamine	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Hexachloroethane	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Nitrobenzene	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Isophorone	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2-Nitrophenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2,4-Dimethylphenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Bis(2-chloroethoxy)methane	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2,4-Dichlorophenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Naphthalene	170	2200 U	39 J	3700 U	31 J	760 U	22 J	190 J	29 J
4-Chloroaniline	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Hexachlorobutadiene	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Caprolactam	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
4-Chloro-3-methylphenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2-Methylnaphthalene	170	2200 U	27 J	3700 U	800 U	760 U	730 U	89 J	740 U
Hexachlorocyclopentadiene	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2,4,6-Trichlorophenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2,4,5-Trichlorophenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
1,1'-Biphenyl	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2-Chloronaphthalene	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2-Nitroaniline	330	4200 U	1800 U	7200 U	1600 U	1500 U	1400 U	5500 U	1400 U
Dimethylphthalate	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
2,6-Dinitrotoluene	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Acenaphthylene	170	2200 U	99 J	190 J	85 J	33 J	56 J	100 J	78 J
3-Nitroaniline	330	4200 U	1800 U	7200 U	1600 U	1500 U	1400 U	5500 U	1400 U
Acenaphthene	170	2200 U	910 U	3700 U	800 U	760 U	730 U	560 J	29 J
2,4-Dinitrophenol	330	4200 U	1800 U	7200 U	1600 U	1500 U	1400 U	5500 U	1400 U
4-Nitrophenol	330	4200 U	1800 U	7200 U	1600 U	1500 U	1400 U	5500 U	1400 U
Dibenzofuran	170	2200 U	910 U	3700 U	800 U	760 U	730 U	280 J	740 U
2,4-Dinitrotoluene	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Diethylphthalate	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Fluorene	170	2200 U	63 J	3700 U	37 J	32 J	27 J	620 J	47 J
4-Chlorophenyl-phenylether	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
4-Nitroaniline	330	4200 U	1800 U	7200 U	1600 U	1500 U	1400 U	5500 U	1400 U
4,6-Dinitro-2-methylphenol	330	4200 U	1800 U	7200 U	1600 U	1500 U	1400 U	5500 U	1400 U
N-Nitrosodiphenylamine	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
1,2,4,5-Tetrachlorobenzene	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
4-Bromophenyl-phenylether	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Hexachlorobenzene	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Atrazine	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Pentachlorophenol	330	4200 U	1800 U	7200 U	1600 U	1500 U	1400 U	5500 U	1400 U
Phenanthrene	170	430 J	720 J	770 J	500 J	250 J	370 J	6200	590 J
Anthracene	170	85 J	150 J	150 J	87 J	78 J	98 J	1700 J	130 J
Carbazole	170	2200 U	77 J	3700 U	46 J	760 U	32 J	670 J	55 J
Di-n-butylphthalate	170	2200 U	910 U	130 J	800 U	760 U	730 U	130 J	740 U
Fluoranthene	170	950 J	1400	2000 J	1200	550 J	1100	12000	1600
Pyrene	170	860 J	1100	1500 J	1000	440 J	1100	8300	1200
Butylbenzylphthalate	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
3,3'-Dichlorobenzidine	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U
Benzo(a)anthracene	170	590 J	700 J	1200 J	700 J	250 J	630 J	6200	780
Chrysene	170	600 J	640 J	1000 J	590 J	260 J	510 J	5500	740
Bis(2-ethylhexyl)phthalate	170	3600	270 J	1300 J	310 J	180 J	180 J	6900	360 J
Di-n-octylphthalate	170	270 J	910 U	3700 U	800 U	760 U	730 U	270 J	740 U
Benzo(b)fluoranthene	170	860 J	1000	1500 J	900	380 J	970	8800	1100
Benzo(k)fluoranthene	170	360 J	360 J	720 J	390 J	130 J	260 J	2400 J	330 J
Benzo(a)pyrene	170	610 J	640 J	1200 J	660 J	290 J	560 J	5100	730 J
Indeno(1,2,3-cd)pyrene	170	480 J	590 J	990 J	530 J	200 J	420 J	4000	510 J
Dibenzo(a,h)anthracene	170	150 J	160 J	330 J	150 J	58 J	120 J	970 J	140 J
Benzo(g,h,i)perylene	170	470 J	540 J	1000 J	530 J	220 J	400 J	3700	490 J
2,3,4,6-Tetrachlorophenol	170	2200 U	910 U	3700 U	800 U	760 U	730 U	2800 U	740 U

DILUTION FACTOR:	5.0	5.0	20.0	5.0	5.0	5.0	20.0	5.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009
DATE ANALYZED:	12/20/2009	12/20/2009	12/20/2009	12/20/2009	12/20/2009	12/20/2009	21/20/2009	12/20/2009
SAMPLE WEIGHT (GRAMS):	36.8	35.1	31.6	35.0	40.3	41.5	44.5	40.1
% MOISTURE:	68.0	20.0	13.0	9.2	17.0	16.0	19.0	14.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20E7	A20E8	A20E9	A20F0	A20F1	A20F2	A20F3	A20F4
SAMPLE LOCATION:		SS-264	SS-265	SS-266	SS-267	SS-268	SS-269	SS-270	SS-271
LABORATORY NUMBER:		9339022001	9339022002	9339022003	9339022004	9339022005	9339022006	9339022007	9339022008
COMPOUND	CRQL								
Benzaldehyde	170	1300	760 J	82 J	580 J	480 J	300 J	96 J	150 J
Phenol	170	630 U	47 J	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Bis(2-chloroethyl)ether	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2-Chlorophenol	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2-Methylphenol	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2,2'-Oxybis(1-chloropropane)	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Acetophenone	170	51 J	1100 U	1100 U	1100 U	1000 U	36 J	1100 U	1300 U
4-Methylphenol	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
N-Nitroso-di-n-propylamine	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Hexachloroethane	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Nitrobenzene	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Isophorone	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2-Nitrophenol	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2,4-Dimethylphenol	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Bis(2-chloroethoxy)methane	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2,4-Dichlorophenol	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Naphthalene	170	60 J	67 J	64 J	33 J	44 J	230 J	70 J	80 J
4-Chloroaniline	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Hexachlorobutadiene	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Caprolactam	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
4-Chloro-3-methylphenol	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2-Methylnaphthalene	170	30 J	1100 U	1100 U	1100 U	1000 U	110 J	35 J	45 J
Hexachlorocyclopentadiene	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2,4,6-Trichlorophenol	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2,4,5-Trichlorophenol	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
1,1'-Biphenyl	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2-Chloronaphthalene	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2-Nitroaniline	330	1200 U	2100 U	2200 U	2000 U	2000 U	2200 U	2100 U	2600 U
Dimethylphthalate	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
2,6-Dinitrotoluene	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Acenaphthylene	170	100 J	40 J	67 J	38 J	65 J	410 J	150 J	160 J
3-Nitroaniline	330	1200 U	2100 U	2200 U	2000 U	2000 U	2200 U	2100 U	2600 U
Acenaphthene	170	630 U	98 J	73 J	1100 U	42 J	340 J	1100 U	1300 U
2,4-Dinitrophenol	330	1200 U	2100 U	2200 U	2000 U	2000 U	2200 U	2100 U	2600 U
4-Nitrophenol	330	1200 U	2100 U	2200 U	2000 U	2000 U	2200 U	2100 U	2600 U
Dibenzofuran	170	630 U	44 J	40 J	1100 U	1000 U	190 J	1100 U	1300 U
2,4-Dinitrotoluene	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Diethylphthalate	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Fluorene	170	30 J	100 J	110 J	1100 U	45 J	310 J	56 J	76 J
4-Chlorophenyl-phenylether	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
4-Nitroaniline	330	1200 U	2100 U	2200 U	2000 U	2000 U	2200 U	2100 U	2600 U
4,6-Dinitro-2-methylphenol	330	1200 U	2100 U	2200 U	2000 U	2000 U	2200 U	2100 U	2600 U
N-Nitrosodiphenylamine	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
1,2,4,5-Tetrachlorobenzene	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
4-Bromophenyl-phenylether	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Hexachlorobenzene	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Atrazine	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Pentachlorophenol	330	1200 U	2100 U	2200 U	2000 U	2000 U	2200 U	2100 U	2600 U
Phenanthrene	170	410 J	970 J	1100 J	300 J	740 J	4800	690 J	670 J
Anthracene	170	77 J	290 J	350 J	67 J	170 J	1400	130 J	150 J
Carbazole	170	49 J	110 J	65 J	1100 U	80 J	540 J	68 J	1300 U
Di-n-butylphthalate	170	27 J	54 J	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Fluoranthene	170	1200	1700	2000	800 J	1700	10000	1500	1300
Pyrene	170	1200	1400	1900	690 J	1500	11000	1400	1600
Butylbenzylphthalate	170	630 U	1100 U	1100 U	41 J	1000 U	1100 U	65 J	49 J
3,3'-Dichlorobenzidine	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
Benzo(a)anthracene	170	810	950 J	890 J	470 J	1000 J	6400	930 J	870 J
Chrysene	170	840	800 J	830 J	450 J	880 J	5000	920 J	880 J
Bis(2-ethylhexyl)phthalate	170	240 J	1700	1200	3400	1300	1300	14000	6400
Di-n-octylphthalate	170	630 U	55 J	38 J	73 J	36 J	45 J	690 J	220 J
Benzo(b)fluoranthene	170	1600	1300	1200	840 J	1500	9200	1900	1400
Benzo(k)fluoranthene	170	430 J	460 J	400 J	200 J	440 J	2400	470 J	500 J
Benzo(a)pyrene	170	980	840 J	820 J	470 J	920 J	5600	1100	990 J
Indeno(1,2,3-cd)pyrene	170	1100	800 J	710 J	560 J	930 J	5000	1200	970 J
Dibenzo(a,h)anthracene	170	110 J	95 J	190 J	65 J	200 J	500 J	160 J	180 J
Benzo(g,h,i)perylene	170	810	620 J	520 J	460 J	740 J	3500	830 J	840 J
2,3,4,6-Tetrachlorophenol	170	630 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1300 U
DILUTION FACTOR:		2.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:		12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/1/2009	12/11/2009	12/2/2009	12/2/2009
DATE EXTRACTED:		12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/21/2009	12/11/2009	12/11/2009
DATE ANALYZED:		12/21/2009	12/21/2009	12/21/2009	12/21/2009	12/21/2009	12/21/2009	12/21/2009	12/21/2009
SAMPLE WEIGHT (GRAMS):		30.0	30.2	30.4	30.3	30.4	30.3	30.0	30.2
% MOISTURE:		46.0	21.0	26.0	20.0	18.0	26.0	22.0	36.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20F5	A20F6	A20F7	A20F8	A20F9	A20G0	A20G1	A20G2
SAMPLE LOCATION:		SS-272	SS-273	SS-274	SS-275	SS-276	SS-277	SS-278	SS-279
LABORATORY NUMBER:		9339022009	9339022010	9339022011	9339022012	9339022013	9339022014	9339022015	9339022016
COMPOUND	CRQL								
Benzaldehyde	170	440 U	6200 U	4200 U	5100 U	80 J	210 J	96 J	230 J
Phenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Bis(2-chloroethyl)ether	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2-Chlorophenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2-Methylphenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2,2'-Oxybis(1-chloropropane)	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Acetophenone	170	20 J	6200 U	4200 U	5100 U	1000 U	1100 U	40 J	950 U
4-Methylphenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
N-Nitroso-di-n-propylamine	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Hexachloroethane	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Nitrobenzene	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Isophorone	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2-Nitrophenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2,4-Dimethylphenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Bis(2-chloroethoxy)methane	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2,4-Dichlorophenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Naphthalene	170	440 U	6200 U	140 J	5100 U	60 J	99 J	40 J	32 J
4-Chloroaniline	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Hexachlorobutadiene	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Caprolactam	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
4-Chloro-3-methylphenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2-Methylnaphthalene	170	440 U	6200 U	4200 U	5100 U	1000 U	51 J	23 J	950 U
Hexachlorocyclopentadiene	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2,4,6-Trichlorophenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2,4,5-Trichlorophenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
1,1'-Biphenyl	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2-Chloronaphthalene	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2-Nitroaniline	330	840 U	12000 U	8200 U	9900 U	2000 U	2100 U	960 U	1800 U
Dimethylphthalate	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2,6-Dinitrotoluene	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Acenaphthylene	170	440 U	280 J	320 J	5100 U	190 J	240 J	72 J	950 U
3-Nitroaniline	330	840 U	12000 U	8200 U	9900 U	2000 U	2100 U	960 U	1800 U
Acenaphthene	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2,4-Dinitrophenol	330	840 U	12000 U	8200 U	9900 U	2000 U	2100 U	960 U	1800 U
4-Nitrophenol	330	840 U	12000 U	8200 U	9900 U	2000 U	2100 U	960 U	1800 U
Dibenzofuran	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
2,4-Dinitrotoluene	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Diethylphthalate	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Fluorene	170	440 U	6200 U	4200 U	5100 U	55 J	66 J	32 J	950 U
4-Chlorophenyl-phenylether	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
4-Nitroaniline	330	840 U	12000 U	8200 U	9900 U	2000 U	2100 U	960 U	1800 U
4,6-Dinitro-2-methylphenol	330	840 U	12000 U	8200 U	9900 U	2000 U	2100 U	960 U	1800 U
N-Nitrosodiphenylamine	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
1,2,4,5-Tetrachlorobenzene	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
4-Bromophenyl-phenylether	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Hexachlorobenzene	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Atrazine	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Pentachlorophenol	330	840 U	12000 U	8200 U	9900 U	2000 U	2100 U	960 U	1800 U
Phenanthrene	170	110 J	1200 J	910 J	290 J	680 J	880 J	530	210 J
Anthracene	170	31 J	380 J	320 J	5100 U	140 J	180 J	66 J	41 J
Carbazole	170	440 U	6200 U	4200 U	5100 U	69 J	77 J	45 J	950 U
Di-n-butylphthalate	170	440 U	410 J	200 J	5100 U	1000 U	1100 U	22 J	51 J
Fluoranthene	170	280 J	2700 J	3000 J	730 J	1600	2000	1000	610 J
Pyrene	170	240 J	2700 J	4800	690 J	1600	2300	940	500 J
Butylbenzylphthalate	170	440 U	1500 J	4200 U	270 J	33 J	410 J	49 J	310 J
3,3'-Dichlorobenzidine	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U
Benzo(a)anthracene	170	120 J	1700 J	2100 J	400 J	1000 J	1200	490 J	300 J
Chrysene	170	140 J	1400 J	2000 J	570 J	1000 J	1300	550	330 J
Bis(2-ethylhexyl)phthalate	170	3200	*330000	5500	*360000	12000	6100	3400	11000
Di-n-octylphthalate	170	57 J	14000	190 J	1600 J	160 J	130 J	38 J	180 J
Benzo(b)fluoranthene	170	210 J	2800 J	3500 J	750 J	2000	2400	940	620 J
Benzo(k)fluoranthene	170	74 J	780 J	1600 J	300 J	650 J	900 J	250 J	170 J
Benzo(a)pyrene	170	150 J	1800 J	2100 J	620 J	1300	1400	510	350 J
Indeno(1,2,3-cd)pyrene	170	170 J	2400 J	2600 J	730 J	1300	1600	560	390 J
Dibenzo(a,h)anthracene	170	56 J	780 J	390 J	5100 U	170 J	250 J	79 J	38 J
Benzo(g,h,i)perylene	170	120 J	1800 J	2300 J	520 J	980 J	1200	420 J	290 J
2,3,4,6-Tetrachlorophenol	170	440 U	6200 U	4200 U	5100 U	1000 U	1100 U	500 U	950 U

DILUTION FACTOR:	2.0	30.0 / *200.0	20.0	30.0 / *200.0	5.0	5.0	2.0	5.0
DATE SAMPLED:	12/3/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009
DATE ANALYZED:	12/21/2009	12/21/2009	12/21/2009	12/21/2009	12/21/2009	12/21/2009	12/21/2009	12/22/2009
SAMPLE WEIGHT (GRAMS):	30.1	30.7	30.7	31.8	30.8	30.4	32.2	30.4
% MOISTURE:	22.0	19.0	21.0	5.8	19.0	22.0	36.0	12.0

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J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20G3	A20G4	A20G5	A20G6	A20G7	A20G8	A20G9	A20H0
SAMPLE LOCATION:		SS-280	SS-281	SS-282	SS-283	SS-284	SS-285	SS-286	SS-287
LABORATORY NUMBER:		9339022017	9339022020	9339022021	9339022022	9339024001	9339024002	9339024003	9339024004
COMPOUND	CRQL								
Benzaldehyde	170	260 J	480 J	410 J	640 J	130 J	170 J	260 J	160 J
Phenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Bis(2-chloroethyl)ether	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2-Chlorophenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2-Methylphenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2,2'-Oxybis(1-chloropropane)	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Acetophenone	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	70 J
4-Methylphenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
N-Nitroso-di-n-propylamine	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Hexachloroethane	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Nitrobenzene	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Isophorone	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2-Nitrophenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2,4-Dimethylphenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Bis(2-chloroethoxy)methane	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2,4-Dichlorophenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Naphthalene	170	64 J	7600 U	2400 U	7100 U	880 U	760 U	23 J	2300 U
4-Chloroaniline	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Hexachlorobutadiene	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Caprolactam	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
4-Chloro-3-methylphenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2-Methylnaphthalene	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Hexachlorocyclopentadiene	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2,4,6-Trichlorophenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2,4,5-Trichlorophenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
1,1'-Biphenyl	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2-Chloronaphthalene	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2-Nitroaniline	330	2500 U	15000 U	4700 U	14000 U	1700 U	1500 U	1400 U	4400 U
Dimethylphthalate	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2,6-Dinitrotoluene	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Acenaphthylene	170	130 J	7600 U	2400 U	7100 U	880 U	760 U	49 J	2300 U
3-Nitroaniline	330	2500 U	15000 U	4700 U	14000 U	1700 U	1500 U	1400 U	4400 U
Acenaphthene	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	27 J	2300 U
2,4-Dinitrophenol	330	2500 U	15000 U	4700 U	14000 U	1700 U	1500 U	1400 U	4400 U
4-Nitrophenol	330	2500 U	15000 U	4700 U	14000 U	1700 U	1500 U	1400 U	4400 U
Dibenzofuran	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
2,4-Dinitrotoluene	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Diethylphthalate	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Fluorene	170	61 J	7600 U	2400 U	7100 U	880 U	760 U	28 J	2300 U
4-Chlorophenyl-phenylether	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
4-Nitroaniline	330	2500 U	15000 U	4700 U	14000 U	1700 U	1500 U	1400 U	4400 U
4,6-Dinitro-2-methylphenol	330	2500 U	15000 U	4700 U	14000 U	1700 U	1500 U	1400 U	4400 U
N-Nitrosodiphenylamine	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
1,2,4,5-Tetrachlorobenzene	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
4-Bromophenyl-phenylether	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Hexachlorobenzene	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Atrazine	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Pentachlorophenol	330	2500 U	15000 U	4700 U	14000 U	1700 U	1500 U	1400 U	4400 U
Phenanthrene	170	770 J	470 J	300 J	350 J	51 J	40 J	370 J	100 J
Anthracene	170	180 J	7600 U	2400 U	7100 U	880 U	760 U	89 J	2300 U
Carbazole	170	72 J	7600 U	2400 U	7100 U	880 U	760 U	37 J	2300 U
Di-n-butylphthalate	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	170 J
Fluoranthene	170	1900	1300 J	730 J	930 J	220 J	120 J	830	210 J
Pyrene	170	2000	1300 J	570 J	830 J	250 J	110 J	830	500 J
Butylbenzylphthalate	170	71 J	3800 J	690 J	730 J	880 U	39 J	54 J	2300 U
3,3'-Dichlorobenzidine	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U
Benzo(a)anthracene	170	1200 J	770 J	380 J	460 J	160 J	69 J	460 J	2300 U
Chrysene	170	1100 J	1000 J	360 J	530 J	150 J	75 J	450 J	2300 U
Bis(2-ethylhexyl)phthalate	170	5000	*720000	*100000	67000	1200	1700	*20000	9100
Di-n-octylphthalate	170	86 J	14000	1100 J	990 J	880 U	38 J	180 J	520 J
Benzo(b)fluoranthene	170	1800	1300 J	680 J	980 J	230 J	91 J	660 J	2300 U
Benzo(k)fluoranthene	170	730 J	520 J	200 J	430 J	89 J	75 J	230 J	2300 U
Benzo(a)pyrene	170	1200 J	720 J	390 J	590 J	170 J	85 J	450 J	2300 U
Indeno(1,2,3-cd)pyrene	170	1100 J	1200 J	590 J	1100 J	160 J	95 J	440 J	2300 U
Dibenzo(a,h)anthracene	170	150 J	7600 U	170 J	7100 U	34 J	30 J	63 J	2300 U
Benzo(g,h,i)perylene	170	840 J	840 J	460 J	720 J	170 J	84 J	420 J	2300 U
2,3,4,6-Tetrachlorophenol	170	1300 U	7600 U	2400 U	7100 U	880 U	760 U	740 U	2300 U

DILUTION FACTOR:	5.0	30.0 / *200.0	10.0 / *100.0	30.0	5.0	5.0	5.0 / *20.0	5.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/3/2009
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009
DATE ANALYZED:	12/22/2009	12/21/2009	12/21/2009	12/22/2009	12/22/2009	12/22/2009	12/22/2009	12/22/2009
SAMPLE WEIGHT (GRAMS):	30.3	31.8	30.6	31.4	31.8	36.7	39.2	36.8
% MOISTURE:	35.0	37.0	31.0	32.0	8.5	8.8	12.0	8.9

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20H1	A20H2	A20H3	A20H4	A20H5	A20H6	A20H7	A20H8
SAMPLE LOCATION:		SS-288	SS-289	SS-290	SS-291	SS-292	SS-293	SS-294	SS-295
LABORATORY NUMBER:		9339024005	9339024006	9339024007	9339024008	9339024009	9339024010	9339024011	9339024012
COMPOUND	CRQL								
Benzaldehyde	170	100 J	260 J	280 J	150 J	170 J	860 J	340 J	3200 U
Phenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Bis(2-chloroethyl)ether	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2-Chlorophenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2-Methylphenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2,2'-Oxybis(1-chloropropane)	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Acetophenone	170	810 U	94 J	990 U	1100 U	20 J	940 U	740 U	3200 U
4-Methylphenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
N-Nitroso-di-n-propylamine	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Hexachloroethane	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Nitrobenzene	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Isophorone	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2-Nitrophenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2,4-Dimethylphenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Bis(2-chloroethoxy)methane	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2,4-Dichlorophenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Naphthalene	170	810 U	3000 U	44 J	94 J	53 J	31 J	350 J	120 J
4-Chloroaniline	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Hexachlorobutadiene	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Caprolactam	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
4-Chloro-3-methylphenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2-Methylnaphthalene	170	810 U	3000 U	40 J	68 J	35 J	940 U	190 J	3200 U
Hexachlorocyclopentadiene	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2,4,6-Trichlorophenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2,4,5-Trichlorophenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
1,1'-Biphenyl	170	810 U	3000 U	990 U	1100 U	670 U	940 U	79 J	3200 U
2-Chloronaphthalene	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2-Nitroaniline	330	1600 U	5900 U	1900 U	2100 U	1300 U	1800 U	1400 U	6200 U
Dimethylphthalate	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
2,6-Dinitrotoluene	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Acenaphthylene	170	100 J	310 J	68 J	280 J	110 J	45 J	120 J	390 J
3-Nitroaniline	330	1600 U	5900 U	1900 U	2100 U	1300 U	1800 U	1400 U	6200 U
Acenaphthene	170	810 U	3000 U	990 U	42 J	670 U	940 U	2900	440 J
2,4-Dinitrophenol	330	1600 U	5900 U	1900 U	2100 U	1300 U	1800 U	1400 U	6200 U
4-Nitrophenol	330	1600 U	5900 U	1900 U	2100 U	1300 U	1800 U	1400 U	6200 U
Dibenzofuran	170	810 U	3000 U	990 U	83 J	670 U	940 U	1200	220 J
2,4-Dinitrotoluene	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Diethylphthalate	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Fluorene	170	27 J	120 J	39 J	140 J	29 J	940 U	2200	390 J
4-Chlorophenyl-phenylether	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
4-Nitroaniline	330	1600 U	5900 U	1900 U	2100 U	1300 U	1800 U	1400 U	6200 U
4,6-Dinitro-2-methylphenol	330	1600 U	5900 U	1900 U	2100 U	1300 U	1800 U	1400 U	6200 U
N-Nitrosodiphenylamine	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
1,2,4,5-Tetrachlorobenzene	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
4-Bromophenyl-phenylether	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Hexachlorobenzene	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Atrazine	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Pentachlorophenol	330	1600 U	5900 U	1900 U	2100 U	1300 U	1800 U	1400 U	6200 U
Phenanthrene	170	370 J	1500 J	560 J	1700	320 J	180 J	*22000	4600
Anthracene	170	92 J	360 J	87 J	260 J	79 J	39 J	5800	1200 J
Carbazole	170	50 J	150 J	54 J	220 J	670 U	940 U	2900	620 J
Di-n-butylphthalate	170	810 U	3000 U	990 U	1100 U	460 J	55 J	44 J	3200 U
Fluoranthene	170	1300	3300	1000	2500	720	390 J	*36000	8300
Pyrene	170	1400	4100	1100	3200	970	450 J	*33000	9800
Butylbenzylphthalate	170	71 J	180 J	57 J	150 J	170 J	340 J	100 J	3200 U
3,3'-Dichlorobenzidine	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U
Benzo(a)anthracene	170	720 J	2100 J	540 J	1500	530 J	230 J	*18000	4600
Chrysene	170	710 J	2100 J	580 J	1700	580 J	260 J	*15000	4700
Bis(2-ethylhexyl)phthalate	170	5000	6000	3800	11000	*19000	*18000	6300	1900 J
Di-n-octylphthalate	170	100 J	180 J	63 J	310 J	110 J	380 J	160 J	3200 U
Benzo(b)fluoranthene	170	1100	3100	660 J	2200	800	370 J	*23000	5800
Benzo(k)fluoranthene	170	420 J	1300 J	320 J	970 J	260 J	170 J	7500	2800 J
Benzo(a)pyrene	170	790 J	2300 J	530 J	1600	650 J	280 J	*16000	4800
Indeno(1,2,3-cd)pyrene	170	720 J	2000 J	480 J	1500	480 J	290 J	11000	3800
Dibenzo(a,h)anthracene	170	180 J	430 J	120 J	350 J	150 J	56 J	2100	900 J
Benzo(g,h,i)perylene	170	670 J	2100 J	450 J	1400	470 J	300 J	8700	4600
2,3,4,6-Tetrachlorophenol	170	810 U	3000 U	990 U	1100 U	670 U	940 U	740 U	3200 U

DILUTION FACTOR:	5.0	20.0	5.0	5.0	5.0 / *20.0	5.0 / *10.0	5.0 / *20.0	20.0
DATE SAMPLED:	12/3/2009	12/2/2009	12/3/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009
DATE ANALYZED:	12/22/2009	12/22/2009	12/22/2009	12/22/2009	12/22/2009	12/22/2009	12/23/2009	12/22/2009
SAMPLE WEIGHT (GRAMS):	34.5	38.9	33.6	37.0	38.7	31.7	39.2	35.5
% MOISTURE:	8.8	13.0	24.0	37.0	1.5	15.0	12.0	9.9

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20H9	A20J0	A20J1	A20J2	A20J3	A20J4	A20P1	A20P2
SAMPLE LOCATION:		SS-296	SS-297	SS-298	SS-299	SS-300	SS-301	SS-348	SS-349
LABORATORY NUMBER:		9339024013	9339024014	9339024015	9339024016	933902417	9339024018	9339024019	9339024020
COMPOUND	CRQL								
Benzaldehyde	170	3000 U	370 J	50 J	130 J	34 J	400 J	590 J	330 J
Phenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Bis(2-chloroethyl)ether	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2-Chlorophenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2-Methylphenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2,2'-Oxybis(1-chloropropane)	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Acetophenone	170	3000 U	870 U	780 U	920 U	830 U	1000 U	51 J	790 U
4-Methylphenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
N-Nitroso-di-n-propylamine	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Hexachloroethane	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Nitrobenzene	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Isophorone	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2-Nitrophenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2,4-Dimethylphenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Bis(2-chloroethoxy)methane	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2,4-Dichlorophenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Naphthalene	170	3000 U	120 J	40 J	34 J	830 U	56 J	400 J	26 J
4-Chloroaniline	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Hexachlorobutadiene	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Caprolactam	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
4-Chloro-3-methylphenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2-Methylnaphthalene	170	3000 U	81 J	26 J	920 U	830 U	1000 U	270 J	790 U
Hexachlorocyclopentadiene	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2,4,6-Trichlorophenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2,4,5-Trichlorophenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
1,1'-Biphenyl	170	3000 U	870 U	780 U	920 U	830 U	1000 U	73 J	790 U
2-Chloronaphthalene	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2-Nitroaniline	330	5800 U	1700 U	1500 U	1800 U	1600 U	2000 U	1900 U	1500 U
Dimethylphthalate	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
2,6-Dinitrotoluene	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Acenaphthylene	170	89 J	48 J	120 J	61 J	830 U	61 J	840 J	37 J
3-Nitroaniline	330	5800 U	1700 U	1500 U	1800 U	1600 U	2000 U	1900 U	1500 U
Acenaphthene	170	3000 U	260 J	30 J	920 U	830 U	40 J	120 J	790 U
2,4-Dinitrophenol	330	5800 U	1700 U	1500 U	1800 U	1600 U	2000 U	1900 U	1500 U
4-Nitrophenol	330	5800 U	1700 U	1500 U	1800 U	1600 U	2000 U	1900 U	1500 U
Dibenzofuran	170	3000 U	100 J	780 U	920 U	830 U	1000 U	110 J	790 U
2,4-Dinitrotoluene	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Diethylphthalate	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Fluorene	170	3000 U	190 J	45 J	920 U	830 U	61 J	310 J	790 U
4-Chlorophenyl-phenylether	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
4-Nitroaniline	330	5800 U	1700 U	1500 U	1800 U	1600 U	2000 U	1900 U	1500 U
4,6-Dinitro-2-methylphenol	330	5800 U	1700 U	1500 U	1800 U	1600 U	2000 U	1900 U	1500 U
N-Nitrosodiphenylamine	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
1,2,4,5-Tetrachlorobenzene	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
4-Bromophenyl-phenylether	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Hexachlorobenzene	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Atrazine	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Pentachlorophenol	330	5800 U	1700 U	1500 U	1800 U	1600 U	2000 U	1900 U	1500 U
Phenanthrene	170	560 J	2200	580 J	400 J	73 J	650 J	5400	240 J
Anthracene	170	110 J	610 J	110 J	72 J	830 U	140 J	560 J	40 J
Carbazole	170	3000 U	320 J	72 J	46 J	830 U	72 J	290 J	790 U
Di-n-butylphthalate	170	3000 U	870 U	780 U	920 U	36 J	1000 U	87 J	79 J
Fluoranthene	170	1200 J	4300	1100	880 J	130 J	1100	6900	420 J
Pyrene	170	1200 J	3900	1400	990	170 J	980 J	10000	490 J
Butylbenzylphthalate	170	280 J	870 U	780 U	920 U	510 J	54 J	160 J	690 J
3,3'-Dichlorobenzidine	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U
Benzo(a)anthracene	170	710 J	2200	640 J	490 J	94 J	560 J	4000	220 J
Chrysene	170	790 J	1900	660 J	570 J	120 J	560 J	5400	250 J
Bis(2-ethylhexyl)phthalate	170	9000	270 J	110 J	1900	*130000	7900	5400	*60000
Di-n-octylphthalate	170	220 J	870 U	780 U	50 J	4300	170 J	110 J	2200
Benzo(b)fluoranthene	170	1100 J	2900	820	660 J	160 J	760 J	5500	320 J
Benzo(k)fluoranthene	170	340 J	840 J	400 J	350 J	62 J	260 J	1700	120 J
Benzo(a)pyrene	170	740 J	2100	670 J	550 J	99 J	550 J	3900	220 J
Indeno(1,2,3-cd)pyrene	170	650 J	1600	560 J	440 J	150 J	460 J	2700	250 J
Dibenzo(a,h)anthracene	170	160 J	240 J	180 J	72 J	53 J	120 J	580 J	45 J
Benzo(g,h,i)perylene	170	670 J	1300	580 J	430 J	140 J	460 J	2400	210 J
2,3,4,6-Tetrachlorophenol	170	3000 U	870 U	780 U	920 U	830 U	1000 U	970 U	790 U

DILUTION FACTOR:	20.0	5.0	5.0	5.0	5.0 / *80.0	5.0	5.0	5.0 / *50.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/3/2009	12/2/2009	12/1/2009
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009
DATE ANALYZED:	12/23/2009	12/22/2009	12/23/2009	12/23/2009	12/23/2009	12/22/2009	12/23/2009	12/22/2009
SAMPLE WEIGHT (GRAMS):	37.4	35.1	37	31.6	32.6	33.7	33.1	37.4
% MOISTURE:	9.0	16.0	11.0	13.0	5.6	27.0	21.0	13.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A20P3	A20P4	A20P5	A20P6	A20P7	A20P8	A20P9	A20Q1
SAMPLE LOCATION:		SS-350	SS-351	SS-352	SS-353	SS-354	SS-355	SS-356	SS-358
LABORATORY NUMBER:		933901001	933901004	933901005	933901006	933901007	939010008	9339010009	9339010010
COMPOUND	CRQL								
Benzaldehyde	170	58 J	200 J	44 J	72 J	3700 U	3500 U	30 J	210 J
Phenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Bis(2-chloroethyl)ether	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2-Chlorophenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2-Methylphenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2,2'-Oxybis(1-chloropropane)	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Acetophenone	170	51 J	38 J	31 J	51 J	150 J	3500 U	39 J	4000 U
4-Methylphenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
N-Nitroso-di-n-propylamine	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Hexachloroethane	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Nitrobenzene	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Isophorone	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2-Nitrophenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2,4-Dimethylphenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Bis(2-chloroethoxy)methane	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2,4-Dichlorophenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Naphthalene	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
4-Chloroaniline	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Hexachlorobutadiene	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Caprolactam	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
4-Chloro-3-methylphenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2-Methylnaphthalene	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Hexachlorocyclopentadiene	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2,4,6-Trichlorophenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2,4,5-Trichlorophenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
1,1'-Biphenyl	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2-Chloronaphthalene	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2-Nitroaniline	330	2400 U	2000 U	2000 U	1900 U	7300 U	6700 U	1900 U	7800 U
Dimethylphthalate	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2,6-Dinitrotoluene	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Acenaphthylene	170	44 J	35 J	72 J	950 U	430 J	3500 U	1000 U	4000 U
3-Nitroaniline	330	2400 U	2000 U	2000 U	1900 U	7300 U	6700 U	1900 U	7800 U
Acenaphthene	170	47 J	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2,4-Dinitrophenol	330	2400 U	2000 U	2000 U	1900 U	7300 U	6700 U	1900 U	7800 U
4-Nitrophenol	330	2400 U	2000 U	2000 U	1900 U	7300 U	6700 U	1900 U	7800 U
Dibenzofuran	170	39 J	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
2,4-Dinitrotoluene	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Diethylphthalate	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Fluorene	170	48 J	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
4-Chlorophenyl-phenylether	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
4-Nitroaniline	330	2400 U	2000 U	2000 U	1900 U	7300 U	6700 U	1900 U	7800 U
4,6-Dinitro-2-methylphenol	330	2400 U	2000 U	2000 U	1900 U	7300 U	6700 U	1900 U	7800 U
N-Nitrosodiphenylamine	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
1,2,4,5-Tetrachlorobenzene	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
4-Bromophenyl-phenylether	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Hexachlorobenzene	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Atrazine	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Pentachlorophenol	330	2400 U	2000 U	2000 U	1900 U	7300 U	6700 U	1900 U	7800 U
Phenanthrene	170	690 J	400 J	390 J	170 J	1100 J	160 J	170 J	390 J
Anthracene	170	160 J	62 J	69 J	950 U	280 J	3500 U	40 J	4000 U
Carbazole	170	65 J	33 J	41 J	36 J	130 J	3500 U	1000 U	4000 U
Di-n-butylphthalate	170	1200 U	75 J	1000 U	950 U	190 J	170 J	1000 U	140 J
Fluoranthene	170	1300	600 J	1000 J	330 J	3200 J	380 J	510 J	1100 J
Pyrene	170	1300	630 J	1000	350 J	4400	410 J	480 J	1300 J
Butylbenzylphthalate	170	1200 U	290 J	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
3,3'-Dichlorobenzidine	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U
Benzo(a)anthracene	170	720 J	340 J	560 J	190 J	2400 J	230 J	320 J	690 J
Chrysene	170	730 J	380 J	610 J	250 J	2300 J	260 J	300 J	760 J
Bis(2-ethylhexyl)phthalate	170	350 J	13000	540 J	1300	2300 J	6300	3400	4600
Di-n-octylphthalate	170	1200 U	250 J	1000 U	950 U	3700 U	240 J	100 J	140 J
Benzo(b)fluoranthene	170	860 J	440 J	830 J	360 J	4000	370 J	410 J	1100 J
Benzo(k)fluoranthene	170	310 J	140 J	230 J	79 J	1400 J	120 J	140 J	430 J
Benzo(a)pyrene	170	620 J	310 J	580 J	220 J	2800 J	230 J	300 J	800 J
Indeno(1,2,3-cd)pyrene	170	460 J	320 J	430 J	220 J	2000 J	250 J	230 J	730 J
Dibenzo(a,h)anthracene	170	84 J	84 J	110 J	950 U	390 J	3500 U	42 J	220 J
Benzo(g,h,i)perylene	170	440 J	290 J	430 J	210 J	2000 J	270 J	180 J	660 J
2,3,4,6-Tetrachlorophenol	170	1200 U	1000 U	1000 U	950 U	3700 U	3500 U	1000 U	4000 U

DILUTION FACTOR:	5.0	5.0	5.0	5.0	20.0	20.0	5.0	20.0
DATE SAMPLED:	11/30/2009	12/2/2009	12/2/2009	12/2/2009	11/30/2009	11/30/2009	12/3/2009	21/1/2009
DATE EXTRACTED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
DATE ANALYZED:	12/14/2009	12/14/2009	12/14/2009	12/14/2009	12/15/2009	12/15/2009	12/14/2009	12/15/2009
SAMPLE WEIGHT (GRAMS):	30.2	30.1	30.3	30.1	30.1	30.6	30.4	30.2
% MOISTURE:	30.0	16.0	17.0	11.0	9.4	3.4	16.0	16.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DataChem

TABLE 2
SEMIVOLATILE ORGANIC SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20Q2	A20Q3	A20Q4	A20Q5	A20Q6
SAMPLE LOCATION:	SS-359	SS-360	SS-361	SS-362	SS-363
LABORATORY NUMBER:	9339010011	9339010012	9339010013	9339010014	9339010015

COMPOUND	CRQL					
Benzaldehyde	170	3500 U	43 J	42 J	52 J	130 J
Phenol	170	3500 U	940 U	950 U	1000 U	910 U
Bis(2-chloroethyl)ether	170	3500 U	940 U	950 U	1000 U	910 U
2-Chlorophenol	170	3500 U	940 U	950 U	1000 U	910 U
2-Methylphenol	170	3500 U	940 U	950 U	1000 U	910 U
2,2'-Oxybis(1-chloropropane)	170	3500 U	940 U	950 U	1000 U	910 U
Acetophenone	170	130 J	44 J	45 J	55 J	62 J
4-Methylphenol	170	3500 U	940 U	950 U	1000 U	910 U
N-Nitroso-di-n-propylamine	170	3500 U	940 U	950 U	1000 U	910 U
Hexachloroethane	170	3500 U	940 U	950 U	1000 U	910 U
Nitrobenzene	170	3500 U	940 U	950 U	1000 U	910 U
Isophorone	170	3500 U	940 U	950 U	1000 U	910 U
2-Nitrophenol	170	3500 U	940 U	950 U	1000 U	910 U
2,4-Dimethylphenol	170	3500 U	940 U	950 U	1000 U	910 U
Bis(2-chloroethoxy)methane	170	3500 U	940 U	950 U	1000 U	910 U
2,4-Dichlorophenol	170	3500 U	940 U	950 U	1000 U	910 U
Naphthalene	170	3500 U	31 J	950 U	1000 U	180 J
4-Chloroaniline	170	3500 U	940 U	950 U	1000 U	910 U
Hexachlorobutadiene	170	3500 U	940 U	950 U	1000 U	910 U
Caprolactam	170	3500 U	940 U	950 U	1000 U	910 U
4-Chloro-3-methylphenol	170	3500 U	940 U	950 U	1000 U	910 U
2-Methylnaphthalene	170	3500 U	940 U	950 U	1000 U	78 J
Hexachlorocyclopentadiene	170	3500 U	940 U	950 U	1000 U	910 U
2,4,6-Trichlorophenol	170	3500 U	940 U	950 U	1000 U	910 U
2,4,5-Trichlorophenol	170	3500 U	940 U	950 U	1000 U	910 U
1,1'-Biphenyl	170	3500 U	940 U	950 U	1000 U	910 U
2-Chloronaphthalene	170	3500 U	940 U	950 U	1000 U	910 U
2-Nitroaniline	330	6900 U	1800 U	1800 U	2000 U	1800 U
Dimethylphthalate	170	3500 U	940 U	950 U	1000 U	910 U
2,6-Dinitrotoluene	170	3500 U	940 U	950 U	1000 U	910 U
Acenaphthylene	170	250 J	80 J	950 U	1000 U	120 J
3-Nitroaniline	330	6900 U	1800 U	1800 U	2000 U	1800 U
Acenaphthene	170	3500 U	940 U	31 J	1000 U	100 J
2,4-Dinitrophenol	330	6900 U	1800 U	1800 U	2000 U	1800 U
4-Nitrophenol	330	6900 U	1800 U	1800 U	2000 U	1800 U
Dibenzofuran	170	3500 U	940 U	950 U	1000 U	93 J
2,4-Dinitrotoluene	170	3500 U	940 U	950 U	1000 U	910 U
Diethylphthalate	170	3500 U	940 U	950 U	1000 U	910 U
Fluorene	170	3500 U	37 J	29 J	1000 U	170 J
4-Chlorophenyl-phenylether	170	3500 U	940 U	950 U	1000 U	910 U
4-Nitroaniline	330	6900 U	1800 U	1800 U	2000 U	1800 U
4,6-Dinitro-2-methylphenol	330	6900 U	1800 U	1800 U	2000 U	1800 U
N-Nitrosodiphenylamine	170	3500 U	940 U	950 U	1000 U	910 U
1,2,4,5-Tetrachlorobenzene	170	3500 U	940 U	950 U	1000 U	910 U
4-Bromophenyl-phenylether	170	3500 U	940 U	950 U	1000 U	910 U
Hexachlorobenzene	170	3500 U	940 U	950 U	1000 U	910 U
Atrazine	170	3500 U	940 U	950 U	1000 U	910 U
Pentachlorophenol	330	6900 U	1800 U	1800 U	2000 U	1800 U
Phenanthrene	170	560 J	500 J	350 J	96 J	1400
Anthracene	170	140 J	86 J	81 J	1000 U	280 J
Carbazole	170	3500 U	58 J	46 J	1000 U	170 J
Di-n-butylphthalate	170	170 J	940 U	950 U	1000 U	51 J
Fluoranthene	170	2000 J	1100	690 J	150 J	2200
Pyrene	170	3000 J	1200	650 J	170 J	1900
Butylbenzylphthalate	170	3500 U	940 U	950 U	1000 U	130 J
3,3'-Dichlorobenzidine	170	3500 U	940 U	950 U	1000 U	910 U
Benzo(a)anthracene	170	1300 J	650 J	360 J	92 J	1100
Chrysene	170	1600 J	670 J	360 J	100 J	1200
Bis(2-ethylhexyl)phthalate	170	6200	270 J	5400	2200	9400
Di-n-octylphthalate	170	290 J	940 U	950 U	1000 U	210 J
Benzo(b)fluoranthene	170	2500 J	1000	480 J	140 J	1500
Benzo(k)fluoranthene	170	850 J	300 J	160 J	42 J	500 J
Benzo(a)pyrene	170	1500 J	700 J	320 J	89 J	1100
Indeno(1,2,3-cd)pyrene	170	1100 J	540 J	250 J	95 J	810 J
Dibenzo(a,h)anthracene	170	180 J	120 J	69 J	1000 U	190 J
Benzo(g,h,i)perylene	170	100 J	510 J	210 J	93 J	680 J
2,3,4,6-Tetrachlorophenol	170	3500 U	940 U	950 U	1000 U	910 U

DILUTION FACTOR:	20.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	12/3/2009
DATE EXTRACTED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
DATE ANALYZED:	12/14/2009	12/14/2009	12/14/2009	12/14/2009	12/14/2009
SAMPLE WEIGHT (GRAMS):	30.2	30.6	30.3	30.2	30.4
% MOISTURE:	4.5	12.0	11.0	19.0	16.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

J = VALUE IS ESTIMATED.

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A1ZY1	A1ZY2	A1ZY3	A1ZY4	A1ZY5	A1ZY6	A1ZY7	A1ZY8	
SAMPLE LOCATION:	AS-01	AS-02	SS-100	SS-101	SS-102	SS-103	SS-104	SS-105	
LABORATORY NUMBER:	9339001001	9339001002	9339001003	9339001004	9339001005	9339001006	9339001007	9339001008	
COMPOUND	CRQL								
Aroclor-1016	33	380 U	490 U	43 U	47 U	43 U	44 U	36 U	35 U
Aroclor-1221	33	380 U	490 U	43 U	47 U	43 U	44 U	36 U	35 U
Aroclor-1232	33	380 U	490 U	43 U	47 U	43 U	44 U	36 U	35 U
Aroclor-1242	33	380 U	490 U	43 U	47 U	43 U	44 U	36 U	35 U
Aroclor-1248	33	380 U	490 U	43 U	47 U	43 U	44 U	36 U	35 U
Aroclor-1254	33	380 U	490 U	43 U	47 U	43 U	44 U	36 U	35 U
Aroclor-1260	33	220 J	510	*2900	450	*3700	150	120	35 U
Aroclor-1262	33	380 U	490 U	43 U	47 U	43 U	44 U	36 U	35 U
Aroclor-1268	33	380 U	490 U	43 U	47 U	43 U	44 U	36 U	35 U
DILUTION FACTOR:	10.0	10.0	1.0 /*10.0	1.0	1.0 /*10.0	1.0	1.0	1.0	1.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE EXTRACTED:	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
SAMPLE WEIGHT (GRAMS):	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
% MOISTURE:	13.0	32.0	23.0	29.0	23.0	24.0	9.1	7.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A1ZY9	A1ZZ0	A1ZZ1	A1ZZ2	A1ZZ3	A1ZZ4	A1ZZ5	A1ZZ6	
SAMPLE LOCATION:	SS-106	SS-107	SS-108	SS-109	SS-110	SS-111	SS-112	SS-113	
LABORATORY NUMBER:	933001009	9339001010	9339001011	9339001012	9339001013	9339001014	9339001015	9339001016	
COMPOUND	CRQL								
Aroclor-1016	33	36 U	35 U	34 U	49 U	35 U	35 U	36 U	46 U
Aroclor-1221	33	36 U	35 U	34 U	49 U	35 U	35 U	36 U	46 U
Aroclor-1232	33	36 U	35 U	34 U	49 U	35 U	35 U	36 U	46 U
Aroclor-1242	33	36 U	35 U	34 U	49 U	35 U	35 U	36 U	46 U
Aroclor-1248	33	36 U	35 U	34 U	49 U	35 U	35 U	36 U	46 U
Aroclor-1254	33	36 U	35 U	34 U	49 U	35 U	35 U	36 U	46 U
Aroclor-1260	33	92	450	34 U	360	*740	*740	260	290
Aroclor-1262	33	36 U	35 U	34 U	49 U	35 U	35 U	36 U	46 U
Aroclor-1268	33	36 U	35 U	34 U	49 U	35 U	35 U	36 U	46 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0/*5.0	1.0/*5.0	1.0	1.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	
DATE EXTRACTED:	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	
SAMPLE WEIGHT (GRAMS):	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	
% MOISTURE:	7.3	5.9	4.1	32.0	6.8	6.6	7.9	29.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A1ZZ7	A1ZZZ8	A1ZZ9	A2000	A2001	A2002	A2003	A2004
SAMPLE LOCATION:	SS-114	SS-115	SS-116	SS-117	SS-118	SS-119	SS-120	SS-121
LABORATORY NUMBER:	9339001017	9339001018	9339001019	9339001022	9339002001	9339002002	9339002003	9339002004

COMPOUND	CRQL								
Aroclor-1016	33	47 U	37 U	39 U	38 U	37 U	44 U	41 U	36 U
Aroclor-1221	33	47 U	37 U	39 U	38 U	37 U	44 U	41 U	36 U
Aroclor-1232	33	47 U	37 U	39 U	38 U	37 U	44 U	41 U	36 U
Aroclor-1242	33	47 U	37 U	39 U	38 U	37 U	44 U	41 U	36 U
Aroclor-1248	33	47 U	37 U	39 U	38 U	37 U	44 U	41 U	36 U
Aroclor-1254	33	47 U	37 U	39 U	38 U	37 U	44 U	41 U	36 U
Aroclor-1260	33	63	75	30 J	250	85 J	*4800	*2000	330 J
Aroclor-1262	33	47 U	37 U	39 U	38 U	37 U	44 U	41 U	36 U
Aroclor-1268	33	47 U	37 U	39 U	38 U	37 U	44 U	41 U	36 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0/*10.0	1.0/*10.0	1.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	11/30/20009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE EXTRACTED:	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/12/2009	12/12/2009	12/12/2009	12/12/2009
SAMPLE WEIGHT (GRAMS):	30.0	30.0	30.0	30.0	30.0	31.1	30.2	30.1	31.9
% MOISTURE:	30.0	12.0	15.0	14.0	14.0	14.0	26.0	20.0	14.0

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2005	A2006	A2007	A2008	A2009	A2010	A2011	A2012
SAMPLE LOCATION:	SS-122	SS-123	SS-124	SS-125	SS-126	SS-127	SS-128	SS-129
LABORATORY NUMBER:	9339002005	9339002006	9339002007	9339002010	9339002011	9339002012	9339002013	9339002014

COMPOUND	CRQL								
Aroclor-1016	33	36 U	34 U	36 U	39 U	37 U	380 U	390 U	340 U
Aroclor-1221	33	36 U	34 U	36 U	39 U	37 U	380 U	390 U	340 U
Aroclor-1232	33	36 U	34 U	36 U	39 U	37 U	380 U	390 U	340 U
Aroclor-1242	33	36 U	34 U	36 U	39 U	37 U	380 U	390 U	340 U
Aroclor-1248	33	36 U	34 U	36 U	39 U	37 U	380 U	390 U	340 U
Aroclor-1254	33	36 U	34 U	36 U	39 U	37 U	380 U	390 U	340 U
Aroclor-1260	33	94 J	110 J	110	150	460 J	810	480	460
Aroclor-1262	33	36 U	34 U	36 U	39 U	37 U	380 U	390 U	340 U
Aroclor-1268	33	36 U	34 U	36 U	39 U	37 U	380 U	390 U	340 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	10.0	10.0	10.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE EXTRACTED:	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009
DATE ANALYZED:	12/12/2009	12/12/2009	12/12/2010	12/12/2009	12/12/2009	12/12/2009	12/12/2009	12/12/2009	12/12/2009
SAMPLE WEIGHT (GRAMS):	30.4	31.9	30.0	30.2	30.5	30.1	30.5	30.8	30.8
% MOISTURE:	10.0	7.9	7.6	15.0	12.0	14.0	16.0	6.7	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED. J = VALUE IS ESTIMATED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2013	A2014	A2015	A2016	A2017	A2018	A2019	A2020	
SAMPLE LOCATION:	SS-130	SS-131	SS-132	SS-133	SS-134	SS-135	SS-136	SS-137	
LABORATORY NUMBER:	9339002015	9339002016	9339002017	9339002018	9339002019	9339002020	9339002021	9339002022	
COMPOUND	CRQL								
Aroclor-1016	33	820 U	37 U	37 U	360 U	340 U	340 U	40 U	36 U
Aroclor-1221	33	820 U	37 U	37 U	360 U	340 U	340 U	40 U	36 U
Aroclor-1232	33	820 U	37 U	37 U	360 U	340 U	340 U	40 U	36 U
Aroclor-1242	33	820 U	37 U	37 U	360 U	340 U	340 U	40 U	36 U
Aroclor-1248	33	820 U	37 U	37 U	360 U	340 U	340 U	40 U	36 U
Aroclor-1254	33	820 U	37 U	37 U	360 U	340 U	340 U	40 U	36 U
Aroclor-1260	33	1300	86	500	1100	950	680	290	500
Aroclor-1262	33	820 U	37 U	37 U	360 U	340 U	340 U	40 U	36 U
Aroclor-1268	33	820 U	37 U	37 U	360 U	340 U	340 U	40 U	36 U
DILUTION FACTOR:	10.0	1.0	1.0	10.0	10.0	10.0	1.0	1.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	
DATE EXTRACTED:	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2010	12/7/2009	12/7/2009	
DATE ANALYZED:	12/12/2009	12/12/2009	12/12/2009	12/12/2009	12/12/2009	12/12/2009	12/12/2009	12/12/2009	
SAMPLE WEIGHT (GRAMS):	30.3	30.6	30.3	30.1	30.2	30.2	30.4	30.3	
% MOISTURE:	60.0	12.0	13.0	8.1	2.9	3.6	19.0	8.2	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED. J = VALUE IS ESTIMATED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCLOL SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2021	A2022	A2023	A2024	A2025	A2026	A2027	A2028
SAMPLE LOCATION:	SS-138	SS-139	SS-140	SS-141	SS-142	SS-143	SS-144	SS-145
LABORATORY NUMBER:	9339003001	9339003002	9339003003	9339017001	9339017002	9339003004	9339003005	9339003006

COMPOUND	CRQL								
Aroclor-1016	33	320 U	30 U	33 U	41 U	44 U	41 U	35 U	35 U
Aroclor-1221	33	320 U	30 U	33 U	41 U	44 U	41 U	35 U	35 U
Aroclor-1232	33	320 U	30 U	33 U	41 U	44 U	41 U	35 U	35 U
Aroclor-1242	33	320 U	30 U	33 U	41 U	44 U	41 U	35 U	35 U
Aroclor-1248	33	320 U	30 U	33 U	41 U	44 U	41 U	35 U	35 U
Aroclor-1254	33	320 U	30 U	33 U	41 U	44 U	41 U	35 U	35 U
Aroclor-1260	33	350	280	98	290	*2000	2500	83	16 J
Aroclor-1262	33	320 U	30 U	33 U	41 U	44 U	41 U	35 U	35 U
Aroclor-1268	33	320 U	30 U	33 U	41 U	44 U	41 U	35 U	35 U
DILUTION FACTOR:	10.0	1.0	1.0	1.0	1.0	1.0 / *10.0	1.0 / *10.0	1.0	1.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	12/1/2009	12/1/2009	12/1/2009	11/30/2009	11/30/2009	11/30/2009
DATE EXTRACTED:	12/7/2009	12/7/2009	12/7/2009	12/9/2009	12/9/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/13/2009	12/13/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
SAMPLE WEIGHT (GRAMS):	34.3	37.4	35.5	30.7	30.8	33.8	33.7	34.1	34.1
% MOISTURE:	9.9	11.0	16.0	21.0	27.0	29.0	17.0	17.0	17.0

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2029	A2030	A2031	A2032	A2033	A2034	A2035	A2036
SAMPLE LOCATION:	SS-146	SS-147	SS-148	SS-149	SS-150	SS-151	SS-152	SS-153
LABORATORY NUMBER:	9339003007	9339003008	9339003009	933003010	9339003013	9339017003	9339003014	9339003015

COMPOUND	CRQL								
Aroclor-1016	33	33 U	32 U	32 U	32 U	330 U	3300 U	30 U	36 U
Aroclor-1221	33	33 U	32 U	32 U	32 U	330 U	3300 U	30 U	36 U
Aroclor-1232	33	33 U	32 U	32 U	32 U	330 U	3300 U	30 U	36 U
Aroclor-1242	33	33 U	32 U	32 U	32 U	330 U	3300 U	30 U	36 U
Aroclor-1248	33	33 U	32 U	32 U	32 U	330 U	3300 U	30 U	36 U
Aroclor-1254	33	33 U	32 U	32 U	32 U	330 U	3300 U	30 U	36 U
Aroclor-1260	33	*1600	360	*4300	*1700	770	5000	*700	*710
Aroclor-1262	33	33 U	32 U	32 U	32 U	330 U	3300 U	30 U	36 U
Aroclor-1268	33	33 U	32 U	32 U	32 U	330 U	3300 U	30 U	36 U
DILUTION FACTOR:	1.0/*10.0	1.0	1.0 / *50.0	1.0 / *10.0	10.0	100.0	1.0 / *5.0	1.0 / *5.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	11/30/2009	12/1/2009	12/1/2009	11/30/2009	11/30/2009	12/1/2009	11/30/2009	11/30/2009	
DATE EXTRACTED:	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/9/2009	12/7/2009	12/7/2009	
DATE ANALYZED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/13/2009	12/7/2009	12/11/2009	
SAMPLE WEIGHT (GRAMS):	34.2	35.2	34.5	37.0	35.0	34.2	36.7	31.0	
% MOISTURE:	13.0	13.0	12.0	17.0	15.0	12.0	10.0	12.0	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2037	A2038	A2039	A2040	A2041	A2042	A2043	A2044	
SAMPLE LOCATION:	SS-154	SS-155	SS-156	SS-157	SS-158	SS-159	SS-160	SS-161	
LABORATORY NUMBER:	9339003016	933900317	9339003018	9339003019	9339003020	9339003021	9339003022	9339006001	
COMPOUND	CRQL								
Aroclor-1016	33	300 U	320 U	320 U	32 U	30 U	310 U	31 U	370 U
Aroclor-1221	33	300 U	320 U	320 U	32 U	30 U	310 U	31 U	370 U
Aroclor-1232	33	300 U	320 U	320 U	32 U	30 U	310 U	31 U	370 U
Aroclor-1242	33	300 U	320 U	320 U	32 U	30 U	310 U	31 U	370 U
Aroclor-1248	33	300 U	320 U	320 U	32 U	30 U	310 U	31 U	370 U
Aroclor-1254	33	300 U	320 U	320 U	32 U	30 U	310 U	31 U	370 U
Aroclor-1260	33	1200	560	270 JP	*2900	*1400	*6600	160	94 J
Aroclor-1262	33	300 U	320 U	320 U	32 U	30 U	310 U	31 U	370 U
Aroclor-1268	33	300 U	320 U	320 U	32 U	30 U	310 U	31 U	370 U
DILUTION FACTOR:	10.0	10.0	10.0	1.0 / *10.0	1.0 / *10.0	10.0 / *50.0	1.0	10.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	12/1/2009	
DATE EXTRACTED:	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	
DATE ANALYZED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/13/2009	
SAMPLE WEIGHT (GRAMS):	35.9	33.1	32.7	33.9	37.1	35.6	40.1	30.5	
% MOISTURE:	9.5	7.3	6.3	10.0	11.0	12.0	21.0	12.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2045	A2046	A2047	A2048	A2049	A2050	A2051	A2052	
SAMPLE LOCATION:	SS-162	SS-163	SS-164	SS-165	SS-166	SS-167	SS-168	SS-169	
LABORATORY NUMBER:	9339006002	9339006003	9339006004	9339006005	9339006005	9339006007	9339006008	9339017004	
COMPOUND	CRQL								
Aroclor-1016	33	42 U	36 U	340 U	340 U	3500 U	3500 U	3400 U	34 U
Aroclor-1221	33	42 U	36 U	340 U	340 U	3500 U	3500 U	3400 U	34 U
Aroclor-1232	33	42 U	36 U	340 U	340 U	3500 U	3500 U	3400 U	34 U
Aroclor-1242	33	42 U	36 U	340 U	340 U	3500 U	3500 U	3400 U	34 U
Aroclor-1248	33	42 U	36 U	340 U	340 U	3500 U	3500 U	3400 U	34 U
Aroclor-1254	33	42 U	36 U	340 U	340 U	3500 U	3500 U	3400 U	34 U
Aroclor-1260	33	*7900	*2800	1500	1300	1400 J	1100 J	20000	*11000
Aroclor-1262	33	42 U	36 U	340 U	340 U	3500 U	3500 U	3400 U	34 U
Aroclor-1268	33	42 U	36 U	340 U	340 U	3500 U	3500 U	3400 U	34 U
DILUTION FACTOR:	1.0 / *100.0	1.0 / *10.0	10.0	10.0	100.0	100.0	100.0	10.0	1.0 / *100.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE EXTRACTED:	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/9/2009
DATE ANALYZED:	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009
SAMPLE WEIGHT (GRAMS):	31.0	30.9	31.4	34.2	30.9	31.4	32.5	33.0	
% MOISTURE:	24.0	12.0	8.2	14.0	8.6	11.0	11.0	11.0	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2053	A2054	A2055	A2056	A2057	A2058	A2059	A2060
SAMPLE LOCATION:	SS-170	SS-171	SS-172	SS-173	SS-174	SS-175	SS-176	SS-177
LABORATORY NUMBER:	9339006009	9339006010	9339017005	9339006011	9339006012	9339006015	9339006016	9339017006

COMPOUND	CRQL								
Aroclor-1016	33	40 U	39 U	39 U	3400 U	35 U	3600 U	3400 U	34 U
Aroclor-1221	33	40 U	39 U	39 U	3400 U	35 U	3600 U	3400 U	34 U
Aroclor-1232	33	40 U	39 U	39 U	3400 U	35 U	3600 U	3400 U	34 U
Aroclor-1242	33	40 U	39 U	39 U	3400 U	35 U	3600 U	3400 U	34 U
Aroclor-1248	33	40 U	39 U	39 U	3400 U	35 U	3600 U	3400 U	34 U
Aroclor-1254	33	40 U	39 U	39 U	3400 U	35 U	3600 U	3400 U	34 U
Aroclor-1260	33	*1900	*1800	*1100	46000	*3200	2600 J	21000	1900
Aroclor-1262	33	40 U	39 U	39 U	3400 U	35 U	3600 U	3400 U	34 U
Aroclor-1268	33	40 U	39 U	39 U	3400 U	35 U	3600 U	3400 U	34 U
DILUTION FACTOR:	1.0 / *10.0	1.0 / *10.0	1.0 / *10.0	100.0	1.0 / *10.0	100.0	100.0	100.0	1.0 / *10.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE EXTRACTED:	12/7/2009	12/7/2009	12/9/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/9/2009
DATE ANALYZED:	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009
SAMPLE WEIGHT (GRAMS):	31.4	33.3	30.1	31.3	32.8	30.1	32.0	33.6	
% MOISTURE:	21.0	24.0	16.0	6.9	14.0	7.8	9.6	12.0	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2061	A2062	A2063	A2064	A2065	A2066	A2067	A2068	
SAMPLE LOCATION:	SS-178	SS-179	SS-180	SS-181	SS-182	SS-183	SS-184	SS-185	
LABORATORY NUMBER:	9339017007	9339017008	9339006017	9339006018	9339017009	9339017010	9339017011	9339017012	
COMPOUND	CRQL								
Aroclor-1016	33	33 U	1800 U	39 U	41 U	44 U	39 U	3700 U	37 U
Aroclor-1221	33	33 U	1800 U	39 U	41 U	44 U	39 U	3700 U	37 U
Aroclor-1232	33	33 U	1800 U	39 U	41 U	44 U	39 U	3700 U	37 U
Aroclor-1242	33	33 U	1800 U	39 U	41 U	44 U	39 U	3700 U	37 U
Aroclor-1248	33	33 U	1800 U	39 U	41 U	44 U	39 U	3700 U	37 U
Aroclor-1254	33	33 U	1800 U	39 U	41 U	44 U	39 U	3700 U	37 U
Aroclor-1260	33	*1700	*38000	*1100	*2800	*1600	*5600	18000	*8500
Aroclor-1262	33	33 U	1800 U	39 U	41 U	44 U	39 U	3700 U	37 U
Aroclor-1268	33	33 U	1800 U	39 U	41 U	44 U	39 U	3700 U	37 U
DILUTION FACTOR:	1.0 / *10.0	50.0 / *500.0	1.0 / *10.0	1.0 / *10.0	1.0 / *10.0	1.0 / *10.0	100.0	1.0 / *20.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5	
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	
DATE EXTRACTED:	12/9/2009	12/9/2009	12/7/20090	12/7/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	
DATE ANALYZED:	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	
SAMPLE WEIGHT (GRAMS):	31.0	31.4	34.0	30.8	30.4	31.0	31.8	30.3	
% MOISTURE:	6.0	15.0	25.0	21.0	26.0	17.0	16.0	12.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2069	A2070	A2071	A2072	A2073	A2074	A2075	A2076	
SAMPLE LOCATION:	SS-186	SS-187	SS-188	SS-189	SS-190	SS-191	SS-192	SS-193	
LABORATORY NUMBER:	9339017013	9339017014	9339017015	9339017016	9339017017	9339006019	9339017018	9339017019	
COMPOUND	CRQL								
Aroclor-1016	33	37 U	3400 U	3500 U	3400 U	34 U	41 U	3300 U	38 U
Aroclor-1221	33	37 U	3400 U	3500 U	3400 U	34 U	41 U	3300 U	38 U
Aroclor-1232	33	37 U	3400 U	3500 U	3400 U	34 U	41 U	3300 U	38 U
Aroclor-1242	33	37 U	3400 U	3500 U	3400 U	34 U	41 U	3300 U	38 U
Aroclor-1248	33	37 U	3400 U	3500 U	3400 U	34 U	41 U	3300 U	38 U
Aroclor-1254	33	37 U	3400 U	3500 U	3400 U	34 U	41 U	3300 U	38 U
Aroclor-1260	33	*1300	830 J	4300	1300 J	*1300	*6400	1400 J	*14000
Aroclor-1262	33	37 U	3400 U	3500 U	3400 U	34 U	41 U	3300 U	38 U
Aroclor-1268	33	37 U	3400 U	3500 U	3400 U	34 U	41 U	3300 U	38 U
DILUTION FACTOR:	1.0 / *10.0	100.0	100.0	100.0	100.0	1.0 / *10.0	1.0 / *50.0	100.0	1.0 / *100.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE EXTRACTED:	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/7/2009	12/9/2009	12/9/2009
DATE ANALYZED:	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/14/2009	12/13/2009	12/14/2009	12/14/2009
SAMPLE WEIGHT (GRAMS):	31.4	31.3	30.8	32.0	32.7	30.1	32.2	31.4	
% MOISTURE:	14.0	7.5	8.2	9.3	10.0	19.0	6.7	17.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

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SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2077	A2078	A2079	A2080	A2081	A2082	A2083	A2084	
SAMPLE LOCATION:	SS-194	SS-195	SS-196	SS-197	SS-198	SS-199	SS-200	SS-201	
LABORATORY NUMBER:	9339017020	9339018001	9339018002	9339018003	9339018004	9339006020	9339018005	9339006021	
COMPOUND	CRQL								
Aroclor-1016	33	3800 U	37 U	40 U	40 U	50 U	3200 U	57 U	3200 U
Aroclor-1221	33	3800 U	37 U	40 U	40 U	50 U	3200 U	57 U	3200 U
Aroclor-1232	33	3800 U	37 U	40 U	40 U	50 U	3200 U	57 U	3200 U
Aroclor-1242	33	3800 U	37 U	40 U	40 U	50 U	3200 U	57 U	3200 U
Aroclor-1248	33	3800 U	37 U	40 U	40 U	50 U	3200 U	57 U	3200 U
Aroclor-1254	33	3800 U	37 U	40 U	40 U	50 U	3200 U	57 U	3200 U
Aroclor-1260	33	16000	*7300	*6700	*5500	*1900	1600 J	*2800	390 J
Aroclor-1262	33	3800 U	37 U	40 U	40 U	50 U	3200 U	57 U	3200 U
Aroclor-1268	33	3800 U	37 U	40 U	40 U	50 U	3200 U	57 U	3200 U
DILUTION FACTOR:	100.0	1.0 / *50.0	1.0 / *50.0	1.0 / *50.0	1.0 / *10.0	100.0	1.0 / *10.0	100.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009
DATE EXTRACTED:	12/9/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/7/2009	12/11/2009	12/7/2009	12/7/2009
DATE ANALYZED:	12/14/2009	12/17/2009	12/17/2009	12/17/2009	12/17/2009	12/13/2009	12/17/2009	12/13/2009	12/13/2009
SAMPLE WEIGHT (GRAMS):	30.3	30.6	30.4	31.2	30.0	32.8	30.7	34.5	
% MOISTURE:	14.0	14.0	19.0	20.0	34.0	6.9	43.0	11.0	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED. J = VALUE IS ESTIMATED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2085	A2086	A2087	A2088	A2089	A2090	A2091	A2092	
SAMPLE LOCATION:	SS-202	SS-203	SS-204	SS-205	SS-206	SS-207	SS-208	SS-209	
LABORATORY NUMBER:	9339018006	9339018007	9339018008	9339018009	9339018010	9339006022	9339018011	9339018012	
COMPOUND	CRQL								
Aroclor-1016	33	43 U	420 U	46 U	45 U	4900 U	3100 U	4500 U	41 U
Aroclor-1221	33	43 U	420 U	46 U	45 U	4900 U	3100 U	4500 U	41 U
Aroclor-1232	33	43 U	420 U	46 U	45 U	4900 U	3100 U	4500 U	41 U
Aroclor-1242	33	43 U	420 U	46 U	45 U	4900 U	3100 U	4500 U	41 U
Aroclor-1248	33	43 U	420 U	46 U	45 U	4900 U	3100 U	4500 U	41 U
Aroclor-1254	33	43 U	420 U	46 U	45 U	4900 U	3100 U	4500 U	41 U
Aroclor-1260	33	*1300	*13000	*3600	*2800	1400 J	530 J	870 J	*2500
Aroclor-1262	33	43 U	420 U	46 U	45 U	4900 U	3100 U	4500 U	41 U
Aroclor-1268	33	43 U	420 U	46 U	45 U	4900 U	3100 U	4500 U	41 U
DILUTION FACTOR:	1.0 / *10.0	10.0 / *100.0	1.0 / *10.0	1.0 / *10.0	100.0	100.0	100	1.0 / *10.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/7/2009	12/11/2009	12/11/2009	
DATE ANALYZED:	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/13/2009	12/18/2009	12/18/2009	
SAMPLE WEIGHT (GRAMS):	30.1	30.4	30.2	30.5	30.8	34.5	30.5	30.5	
% MOISTURE:	24.0	23.0	29.0	27.0	35.0	8.5	27.0	21.0	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A2093	A2094	A2095	A2096	A2097	A20A4	A20A5	A20A6	
SAMPLE LOCATION:	SS-210	SS-211	SS-212	SS-213	SS-214	SS-221	SS-222	SS-223	
LABORATORY NUMBER:	9339018013	9339018014	9339018015	9339018016	9339018017	9339018018	9339018019	9339018020	
COMPOUND	CRQL								
Aroclor-1016	33	41 U	37 U	42 U	45 U	3600 U	43 U	38 U	33 U
Aroclor-1221	33	41 U	37 U	42 U	45 U	3600 U	43 U	38 U	33 U
Aroclor-1232	33	41 U	37 U	42 U	45 U	3600 U	43 U	38 U	33 U
Aroclor-1242	33	41 U	37 U	42 U	45 U	3600 U	43 U	38 U	33 U
Aroclor-1248	33	41 U	37 U	42 U	45 U	3600 U	43 U	38 U	33 U
Aroclor-1254	33	41 U	37 U	42 U	45 U	3600 U	43 U	38 U	33 U
Aroclor-1260	33	*3300	*740	130	250	810 J	*1000	*1500	*2100
Aroclor-1262	33	41 U	37 U	42 U	45 U	3600 U	43 U	38 U	33 U
Aroclor-1268	33	41 U	37 U	42 U	45 U	3600 U	43 U	38 U	33 U
DILUTION FACTOR:	1.0 / *10.0	1.0 / *5.0	1.0	1.0	100.0	1.0 / *10.0	1.0 / *10.0	1.0 / *10.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	12/1/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	
DATE ANALYZED:	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	
SAMPLE WEIGHT (GRAMS):	30.3	30.1	30.3	30.3	30.0	30.1	30.5	30.6	
% MOISTURE:	20.0	12.0	23.0	27.0	7.7	23.0	16.0	2.2	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20A7	A20A8	A20A9	A20B0	A20B1	A20B2	A20B3	A20B4	
SAMPLE LOCATION:	SS-224	S-225	SS-226	SS-227	SS-228	SS-229	SS-230	SS-231	
LABORATORY NUMBER:	9339019001	9339019002	9339019003	9339019004	9339019005	9339019006	9339019007	9339019008	
COMPOUND	CRQL								
Aroclor-1016	33	42 U	3200 U	43 U	42 U	43 U	36 U	38 U	3700 U
Aroclor-1221	33	42 U	3200 U	43 U	42 U	43 U	36 U	38 U	3700 U
Aroclor-1232	33	42 U	3200 U	43 U	42 U	43 U	36 U	38 U	3700 U
Aroclor-1242	33	42 U	3200 U	43 U	42 U	43 U	36 U	38 U	3700 U
Aroclor-1248	33	42 U	3200 U	43 U	42 U	43 U	36 U	38 U	3700 U
Aroclor-1254	33	42 U	3200 U	43 U	42 U	43 U	36 U	38 U	3700 U
Aroclor-1260	33	*1200	6800 J	*8800	*2900	*6300	*1100	*8700 J	24000
Aroclor-1262	33	42 U	3200 U	43 U	42 U	43 U	36 U	38 U	3700 U
Aroclor-1268	33	42 U	3200 U	43 U	42 U	43 U	36 U	38 U	3700 U
DILUTION FACTOR:	1.0 / *10.0	100.0	1.0 / *50.0	1.0 / *10.0	1.0 / *50.0	1.0 / *10.0	1.0 / *50.0	100.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	
DATE EXTRACTED:	12/9/2009	2/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	
DATE ANALYZED:	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	
SAMPLE WEIGHT (GRAMS):	30.7	37.0	30.7	32.8	30.5	30.1	33.1	31.1	
% MOISTURE:	22.0	16.0	25.0	28.0	24.0	9.6	21.0	13.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20B5	A20B6	A20B7	A20B8	A20B9	A20C0	A20C1	A20C2	
SAMPLE LOCATION:	SS-232	SS-233	SS-234	SS-235	SS-236	SS-237	SS-238	SS-239	
LABORATORY NUMBER:	9339019009	9339019010	9339019011	9339019012	9339019013	9339019014	9339019015	9339019016	
COMPOUND	CRQL								
Aroclor-1016	33	35 U	45 U	38 U	35 U	4400 U	35 U	4500 U	38 U
Aroclor-1221	33	35 U	45 U	38 U	35 U	4400 U	35 U	4500 U	38 U
Aroclor-1232	33	35 U	45 U	38 U	35 U	4400 U	35 U	4500 U	38 U
Aroclor-1242	33	35 U	45 U	38 U	35 U	4400 U	35 U	4500 U	38 U
Aroclor-1248	33	35 U	45 U	38 U	35 U	4400 U	35 U	4500 U	38 U
Aroclor-1254	33	35 U	45 U	38 U	35 U	4400 U	35 U	4500 U	38 U
Aroclor-1260	33	390	*1700	*620 J	17 J	9900	*1300 J	720 J	*4900
Aroclor-1262	33	35 U	45 U	38 U	35 U	4400 U	35 U	4500 U	38 U
Aroclor-1268	33	35 U	45 U	38 U	35 U	4400 U	35 U	4500 U	38 U
DILUTION FACTOR:	1.0	1.0 / *10.0	1.0 / *10.0	1.0	100.0	1.0 / *10.0	100.0	1.0 / *50.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
DATE ANALYZED:	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/17/2009	12/17/2009	12/17/2009	12/17/2009	12/17/2009
SAMPLE WEIGHT (GRAMS):	31.6	32.5	31.5	30.7	30.9	30.7	30.7	30.8	
% MOISTURE:	11.0	32.0	16.0	8.5	28.0	9.1	29.0	16.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20C3	A20C4	A20C5	A20C6	A20C7	A20C8	A20C9	A20D0	
SAMPLE LOCATION:	SS-240	SS-241	SS-242	SS-243	SS-244	SS-245	SS-246	SS-247	
LABORATORY NUMBER:	9339019017	9339019018	9339019019	9339019022	9339020001	9339020002	9339020003	9339020004	
COMPOUND	CRQL								
Aroclor-1016	33	36 U	49 U	40 U	43 U	42 U	39 U	420 U	41 U
Aroclor-1221	33	36 U	49 U	40 U	43 U	42 U	39 U	420 U	41 U
Aroclor-1232	33	36 U	49 U	40 U	43 U	42 U	39 U	420 U	41 U
Aroclor-1242	33	36 U	49 U	40 U	43 U	42 U	39 U	420 U	41 U
Aroclor-1248	33	36 U	49 U	40 U	43 U	42 U	39 U	420 U	41 U
Aroclor-1254	33	36 U	49 U	40 U	43 U	42 U	39 U	420 U	41 U
Aroclor-1260	33	*12000	57	*1200	*19000	*1800	250 J	*24000	*1600 J
Aroclor-1262	33	36 U	49 U	40 U	43 U	42 U	39 U	420 U	41 U
Aroclor-1268	33	36 U	49 U	40 U	43 U	42 U	39 U	420 U	41 U
DILUTION FACTOR:	1.0 / *50.0	1.0	1.0 / *10.0	1.0 / *100.0	1.0 / *10.0	1.0	10.0 / *200.0	1.0 / *10.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	
DATE EXTRACTED:	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	
DATE ANALYZED:	12/17/2009	12/17/2009	12/17/2009	12/17/2009	12/15/2009	12/15/2009	12/16/2009	12/15/2009	
SAMPLE WEIGHT (GRAMS):	33.2	30.6	31.7	31.1	31.2	31.5	35.2	31.9	
% MOISTURE:	16.0	34.0	22.0	25.0	24.0	19.0	33.0	25.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20D1	A20D2	A20D3	A20D4	A20D5	A20D6	A20D7	A20D8	
SAMPLE LOCATION:	SS-248	SS-249	SS-250	SS-251	SS-252	SS-253	SS-254	SS-255	
LABORATORY NUMBER:	933902005	9339020006	9339020007	9339020008	9339020009	9339020012	9339020013	9339020014	
COMPOUND	CRQL								
Aroclor-1016	33	31 U	38 U	33 U	2200 U	32 U	28 U	44 U	42 U
Aroclor-1221	33	31 U	38 U	33 U	2200 U	32 U	28 U	44 U	42 U
Aroclor-1232	33	31 U	38 U	33 U	2200 U	32 U	28 U	44 U	42 U
Aroclor-1242	33	31 U	38 U	33 U	2200 U	32 U	28 U	44 U	42 U
Aroclor-1248	33	31 U	38 U	33 U	2200 U	32 U	28 U	44 U	42 U
Aroclor-1254	33	31 U	38 U	33 U	2200 U	32 U	28 U	44 U	42 U
Aroclor-1260	33	370 J	420 J	260 J	450 J	32 U	45 J	*1400	*1100 J
Aroclor-1262	33	31 U	38 U	33 U	2200 U	32 U	28 U	44 U	42 U
Aroclor-1268	33	31 U	38 U	33 U	2200 U	32 U	28 U	44 U	42 U
DILUTION FACTOR:	1.0	1.0	1.0	100.0	1.0	1.0	1.0	1.0 /*10.0	1.0 /*10.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009
DATE ANALYZED:	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009
SAMPLE WEIGHT (GRAMS):	39.8	35.1	35.4	49.7	36.2	39.7	31.8	33.5	
% MOISTURE:	20.0	25.0	15.0	9.8	13.0	11.0	29.0	29.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

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SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20D9	A20E0	A20E1	A20E2	A20E3	A20E4	A20E5	A20E6	
SAMPLE LOCATION:	SS-256	SS-257	SS-258	SS-259	SS-260	SS-261	SS-262	SS-263	
LABORATORY NUMBER:	9339020015	9339020016	9339020017	9339020018	9339020019	9339020020	9339020021	9339020022	
COMPOUND	CRQL								
Aroclor-1016	33	96 U	32 U	3400 U	34 U	36 U	27 U	3500 U	26 U
Aroclor-1221	33	96 U	32 U	3400 U	34 U	36 U	27 U	3500 U	26 U
Aroclor-1232	33	96 U	32 U	3400 U	34 U	36 U	27 U	3500 U	26 U
Aroclor-1242	33	96 U	32 U	3400 U	34 U	36 U	27 U	3500 U	26 U
Aroclor-1248	33	96 U	32 U	3400 U	34 U	36 U	27 U	3500 U	26 U
Aroclor-1254	33	96 U	32 U	3400 U	34 U	36 U	27 U	3500 U	26 U
Aroclor-1260	33	430	170	2100 J	210 J	79 J	38 J	3500 U	85 J
Aroclor-1262	33	96 U	32 U	3400 U	34 U	36 U	27 U	3500 U	26 U
Aroclor-1268	33	96 U	32 U	3400 U	34 U	36 U	27 U	3500 U	26 U
DILUTION FACTOR:	1.0	1.0	100.0	1.0	1.0	1.0	1.0	100.0	1.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009	12/8/2009
DATE ANALYZED:	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009	12/15/2009
SAMPLE WEIGHT (GRAMS):	32.2	38.1	33.4	32.1	33.2	42.9	35.6	43.5	
% MOISTURE:	68.0	20.0	13.0	9.2	17.0	16.0	19.0	14.0	

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mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

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SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20E7	A20E8	A20E9	A20F0	A20F1	A20F2	A20F3	A20F4	
SAMPLE LOCATION:	SS-264	SS-265	SS-266	SS-267	SS-268	SS-269	SS-270	SS-271	
LABORATORY NUMBER:	9339022001	9339022002	9339022003	9339022004	9339022005	9339022006	9339022007	9339022008	
COMPOUND	CRQL								
Aroclor-1016	33	61 U	42 U	44 U	41 U	40 U	45 U	42 U	51 U
Aroclor-1221	33	61 U	42 U	44 U	41 U	40 U	45 U	42 U	51 U
Aroclor-1232	33	61 U	42 U	44 U	41 U	40 U	45 U	42 U	51 U
Aroclor-1242	33	61 U	42 U	44 U	41 U	40 U	45 U	42 U	51 U
Aroclor-1248	33	61 U	42 U	44 U	41 U	40 U	45 U	42 U	51 U
Aroclor-1254	33	61 U	42 U	44 U	41 U	40 U	45 U	42 U	51 U
Aroclor-1260	33	82	1000	180	*1100	500	780	1600	280
Aroclor-1262	33	61 U	42 U	44 U	41 U	40 U	45 U	42 U	51 U
Aroclor-1268	33	61 U	42 U	44 U	41 U	40 U	45 U	42 U	51 U
DILUTION FACTOR:	1.0	1.0 / *10.0	1.0	1.0 / * 10.0	1.0	1.0 / *5.0	1.0 / *10.0	1.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	
DATE ANALYZED:	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	
SAMPLE WEIGHT (GRAMS):	30.0	30.2	30.4	30.1	30.4	30.0	30.4	30.2	
% MOISTURE:	46.0	21.0	26.0	20.0	18.0	26.0	22.0	36.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20F5	A20F6	A20F7	A20F8	A20F9	A20G0	A20G1	A20G2	
SAMPLE LOCATION:	SS-272	SS-273	SS-274	SS-275	SS-276	SS-277	SS-278	SS-279	
LABORATORY NUMBER:	9339022009	9339022010	9339022011	339022012	9339022013	9339022014	9339022015	9339022016	
COMPOUND	CRQL								
Aroclor-1016	33	42 U	37 U	42 U	34 U	40 U	41 U	49 U	36 U
Aroclor-1221	33	42 U	37 U	42 U	34 U	40 U	41 U	49 U	36 U
Aroclor-1232	33	42 U	37 U	42 U	34 U	40 U	41 U	49 U	36 U
Aroclor-1242	33	42 U	37 U	42 U	34 U	40 U	41 U	49 U	36 U
Aroclor-1248	33	42 U	37 U	42 U	34 U	40 U	41 U	49 U	36 U
Aroclor-1254	33	42 U	37 U	42 U	34 U	40 U	41 U	49 U	36 U
Aroclor-1260	33	370	*11000	*3100	*12000	*1300	*4600	*3400	*13000
Aroclor-1262	33	42 U	37 U	42 U	34 U	40 U	41 U	49 U	36 U
Aroclor-1268	33	42 U	37 U	42 U	34 U	40 U	41 U	49 U	36 U
DILUTION FACTOR:	1.0	1.0 / *100.0	1.0 / *10.0	1.0 / *100.0	1.0 /*10.0	1.0 /*10.0	1.0 /*10.0	1.0 /*10.0	1.0 /*100.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	12/2/2009	12.2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009
DATE ANALYZED:	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009
SAMPLE WEIGHT (GRAMS):	30.1	32.8	30.1	30.5	30.7	30.7	31.3	31.4	
% MOISTURE:	22.0	19.0	21.0	5.8	19.0	22.0	36.0	12.0	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED. J = VALUE IS ESTIMATED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20G3	A20G4	A20G5	A20G6	A20G7	A20G8	A20G9	A20H0	
SAMPLE LOCATION:	SS-280	SS-281	SS-282	SS-283	SS-284	SS-285	SS-286	SS-287	
LABORATORY NUMBER:	9339022017	9339022020	9339022021	9339022022	9339024001	9339024002	9339024003	9339024004	
COMPOUND	CRQL								
Aroclor-1016	33	49 U	5000 U	45 U	47 U	28 U	26 U	28 U	33 U
Aroclor-1221	33	49 U	5000 U	45 U	47 U	28 U	26 U	28 U	33 U
Aroclor-1232	33	49 U	5000 U	45 U	47 U	28 U	26 U	28 U	33 U
Aroclor-1242	33	49 U	5000 U	45 U	47 U	28 U	26 U	28 U	33 U
Aroclor-1248	33	49 U	5000 U	45 U	47 U	28 U	26 U	28 U	33 U
Aroclor-1254	33	49 U	5000 U	45 U	47 U	28 U	26 U	28 U	33 U
Aroclor-1260	33	*3000	*270000	*23000	*35000	*2200	*1100	*1400	*3900
Aroclor-1262	33	49 U	5000 U	45 U	47 U	28 U	26 U	28 U	33 U
Aroclor-1268	33	49 U	5000 U	45 U	47 U	28 U	26 U	28 U	33 U
DILUTION FACTOR:	1.0 / *10.0	100.0 / *1000.0	1.0 / *100.0	1.0 / *100.0	1.0 / *10.0	1.0 / *10.0	1.0 / *10.0	1.0 / *10.0	1.0 / *10.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/3/2009
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009
DATE ANALYZED:	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/18/2009	12/19/2009	12/19/2009	12/19/2009	12/19/2009
SAMPLE WEIGHT (GRAMS):	30.9	31.2	31.9	30.9	38.0	41.6	40.0	32.5	
% MOISTURE:	35.0	37.0	31.0	32.0	8.5	8.8	12.0	8.9	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED. J = VALUE IS ESTIMATED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20H1	A20H2	A20H3	A20H4	A20H5	A20H6	A20H7	A20H8	
SAMPLE LOCATION:	SS-288	SS-289	SS-290	SS-291	SS-292	SS-293	SS-294	SS-295	
LABORATORY NUMBER:	9339024005	9339024006	9339024007	9339024008	9339024009	9339024010	9339024011	9339024012	
COMPOUND	CRQL								
Aroclor-1016	33	34 U	2700 U	36 U	48 U	32 U	36 U	2900 U	2800 U
Aroclor-1221	33	34 U	2700 U	36 U	48 U	32 U	36 U	2900 U	2800 U
Aroclor-1232	33	34 U	2700 U	36 U	48 U	32 U	36 U	2900 U	2800 U
Aroclor-1242	33	34 U	2700 U	36 U	48 U	32 U	36 U	2900 U	2800 U
Aroclor-1248	33	34 U	2700 U	36 U	48 U	32 U	36 U	2900 U	2800 U
Aroclor-1254	33	34 U	2700 U	36 U	48 U	32 U	36 U	2900 U	2800 U
Aroclor-1260	33	*860	6500	490	*2900	*1300	*11000	1900 J	260 J
Aroclor-1262	33	34 U	2700 U	36 U	48 U	32 U	36 U	2900 U	2800 U
Aroclor-1268	33	34 U	2700 U	36 U	48 U	32 U	36 U	2900 U	2800 U
DILUTION FACTOR:	1.0 /* 5.0	100.0	1.0	1.0 /*10.0	1.0 /*10.0	1.0 /* 100.0	100.0	100.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	12/3/2009	12/2/2009	12/3/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	
DATE ANALYZED:	12/19/2009	12/19/2009	12/19/2009	12/19/2009	12/19/2009	12/20/2009	12/20/2009	12/20/2009	
SAMPLE WEIGHT (GRAMS):	32.1	42.4	36.0	32.6	31.0	31.9	39.3	39.2	
% MOISTURE:	8.8	13.0	24.0	37.0	1.5	15.0	12.0	9.9	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20H9	A20J0	A20J1	A20J2	A20J3	A20J4	A20P1	A20P2	
SAMPLE LOCATION:	SS-296	SS-297	SS-298	SS-299	SS-300	SS-301	SS-348	SS-349	
LABORATORY NUMBER:	9339024013	9339024014	9339024015	9339024016	9339024017	9339024018	9339024019	9339024020	
COMPOUND	CRQL								
Aroclor-1016	33	3100 U	33 U	33 U	27 U	300 U	43 U	37 U	350 U
Aroclor-1221	33	3100 U	33 U	33 U	27 U	300 U	43 U	37 U	350 U
Aroclor-1232	33	3100 U	33 U	33 U	27 U	300 U	43 U	37 U	350 U
Aroclor-1242	33	3100 U	33 U	33 U	27 U	300 U	43 U	37 U	350 U
Aroclor-1248	33	3100 U	33 U	33 U	27 U	300 U	43 U	37 U	350 U
Aroclor-1254	33	3100 U	33 U	33 U	27 U	300 U	43 U	37 U	350 U
Aroclor-1260	33	5100	250	*500	180	*23000	*4200	*1300	*34000
Aroclor-1262	33	3100 U	33 U	33 U	27 U	300 U	43 U	37 U	350 U
Aroclor-1268	33	3100 U	33 U	33 U	27 U	300 U	43 U	37 U	350 U
DILUTION FACTOR:	100.0	1.0	1.0 /* 5.0	1.0	10.0 /*100.0	1.0 /*10.0	1.0 /*10.0	10.0 /*100.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.00	5.0	
DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/3/2009	12/2/2009	12/1/2009	
DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	
DATE ANALYZED:	12/20/2009	12/20/2009	12/20/2009	12/20/2009	12/20/2009	12/20/2009	12/20/2009	12/20/2009	
SAMPLE WEIGHT (GRAMS):	35.2	35.6	34.2	41.5	35.5	31.8	33.7	32.8	
% MOISTURE:	9.0	16.0	11.0	13.0	5.6	27.0	21.0	13.0	

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20P3	A20P4	A20P5	A20P6	A20P7	A20P8	A20P9	A20Q1	
SAMPLE LOCATION:	SS-350	SS-351	SS-352	SS-353	SS-354	SS-355	SS-356	SS-358	
LABORATORY NUMBER:	933901001	9339010004	9339010005	9339010006	9339010007	9339010008	9339010009	9339010010	
COMPOUND	CRQL								
Aroclor-1016	33	47 U	39 U	39 U	37 U	3600 U	3400 U	39 U	3900 U
Aroclor-1221	33	47 U	39 U	39 U	37 U	3600 U	3400 U	39 U	3900 U
Aroclor-1232	33	47 U	39 U	39 U	37 U	3600 U	3400 U	39 U	3900 U
Aroclor-1242	33	47 U	39 U	39 U	37 U	3600 U	3400 U	39 U	3900 U
Aroclor-1248	33	47 U	39 U	39 U	37 U	3600 U	3400 U	39 U	3900 U
Aroclor-1254	33	47 U	39 U	39 U	37 U	3600 U	3400 U	39 U	3900 U
Aroclor-1260	33	110	*13000	300	190	880 J	710 J	120	1100 J
Aroclor-1262	33	47 U	39 U	39 U	37 U	3600 U	3400 U	39 U	3900 U
Aroclor-1268	33	47 U	39 U	39 U	37 U	3600 U	3400 U	39 U	3900 U
DILUTION FACTOR:	1.0	1.0 / *100.0	1.0	1.0	100.0	100.0	1.0	100.0	
FINAL VOLUME (mL):	5.0	5.00	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	11/30/2009	12/2/2009	12/2/2009	12/2/2009	11/30/2009	11/30/2009	12/3/2009	12/1/2009	
DATE EXTRACTED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	
DATE ANALYZED:	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	
SAMPLE WEIGHT (GRAMS):	30.0	30.4	30.3	30.4	30.1	30.0	30.4	30.5	
% MOISTURE:	30.0	16.0	17.0	11.0	9.4	3.4	16.0	16.0	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

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CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 3
AROCOR SOIL ANALYSES
µg/kg

SAMPLE NUMBER:	A20Q2	A20Q3	A20Q4	A20Q5	A20Q6
SAMPLE LOCATION:	SS-359	SS-360	SS-361	SS-362	SS-363
LABORATORY NUMBER:	933901001	9339010012	9339010013	9339010014	9339010015

COMPOUND	CRQL					
Aroclor-1016	33	3400 U	37 U	37 U	40 U	36 U
Aroclor-1221	33	3400 U	37 U	37 U	40 U	36 U
Aroclor-1232	33	3400 U	37 U	37 U	40 U	36 U
Aroclor-1242	33	3400 U	37 U	37 U	40 U	36 U
Aroclor-1248	33	3400 U	37 U	37 U	40 U	36 U
Aroclor-1254	33	3400 U	37 U	37 U	40 U	36 U
Aroclor-1260	33	530 J	37 U	160	*1800	*3000
Aroclor-1262	33	3400 U	37 U	37 U	40 U	36 U
Aroclor-1268	33	3400 U	37 U	37 U	40 U	36 U
DILUTION FACTOR:	100.0	1.0	1.0	1.0 / *10.0	1.0 / *10.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	12/3/2009	
DATE EXTRACTED:	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	
DATE ANALYZED:	12/13/2009	12/13/2009	12/13/2009	12/13/2009	12/13/2009	
SAMPLE WEIGHT (GRAMS):	30.6	30.3	30.2	30.3	30.4	
% MOISTURE:	4.5	12.0	11.0	19.0	8.4	

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

U = VALUE IS NOT DETECTED. J = VALUE IS ESTIMATED.

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

mL = MILLILITERS

µg/kg = MICROGRAMS PER KILOGRAM

* = reported value is from diluted analysis

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 4
PESTICIDE SOIL ANALYSES
µg/kg

	SAMPLE NUMBER:	A1ZY1	A1ZY2	A1ZY8	A1ZZ5	A1ZZ6	A1ZZ9	A2001	A2006	A2007
	SAMPLE LOCATION:	AS-01	AS-02	SS-105	SS-112	SS-113	SS-116	SS-118	SS-123	SS-124
	LABORATORY NUMBER:	9339001001	9339001002	9339001008	9339001015	9339001016	9339001019	9339002001	9339002006	9339002007
COMPOUND	CRQL									
alpha-BHC	1.7	17 U	25 U	1.8 U	1.8 U	2.4 U	2.0 U	1.9 U	1.7 U	1.8 U
beta-BHC	1.7	17 U	1.1 J	0.21 J	1.8 U	0.20 J	2.0 U	1.9 U	0.41 J	0.17 J
delta-BHC	1.7	0.20 J	25 U	0.26 J	0.61 J	2.4 U	2.0 U	0.090 J	1.7 U	1.8 U
gamma-BHC (Lindane)	1.7	17 U	25 U	1.8 U	1.8 U	2.4 U	2.0 U	1.9 U	1.7 U	1.8 U
Heptachlor	1.7	17 U	25 U	1.8 U	0.23 J	0.26 J	0.24 J	1.9 U	0.34 J	0.10 J
Aldrin	1.7	17 U	25 U	1.8 U	1.8 U	2.4 U	2.0 U	1.9 U	1.7 U	1.8 U
Heptachlor epoxide	1.7	17 U	25 U	0.12 J	2.1	1.1 J	0.13 J	0.25 J	0.64 J	0.28 J
Endosulfan I	1.7	17 U	25 U	1.8 U	1.8 U	2.4 U	2.0 U	1.9 U	1.7 U	1.8 U
Dieldrin	3.3	5.0 J	9.3 J	1.7 J	5.2	6.2	1.1 J	1.2 J	2.2 J	2.3 J
4,4'-DDE	3.3	0.86 J	1.0 J	3.5 U	3.6 U	4.6 U	0.85 J	3.6 U	2.7 J	1.8 J
Endrin	3.3	1.7 J	4.3 J	2.8 J	3.6 U	3.0 J	3.9 U	3.6 U	3.4 U	3.6 U
Endosulfan II	3.3	0.79 J	49 U	2.3 J	0.65 J	0.53 J	3.9 U	0.39 J	1.4 J	0.51 J
4,4'-DDD	3.3	32 U	49 U	3.5 U	3.6 U	4.6 U	3.9 U	3.6 U	3.4 U	3.6 U
Endosulfan sulfate	3.3	1.6 J	49 U	3.5 U	3.6 U	4.6 U	3.9 U	3.6 U	3.4 U	3.6 U
4,4'-DDT	3.3	13 J	27 J	9.3	10	18	1.9 J	2.9 J	7.1	7.2
Methoxychlor	17	170 U	250 U	7.5 J	14 J	1.2 J	20 U	19 U	3.2 J	2.2 J
Endrin ketone	3.3	2.8 J	3.3 J	6.0	3.6 U	4.6 U	1.2 J	3.6 U	3.4 U	1.4 J
Endrin aldehyde	3.3	32 U	11 J	3.5 U	2.8 J	3.1 J	3.9 U	3.6 J	3.9	4.8
alpha-Chlordane	1.7	17 U	25 U	1.8 U	6.4	2.7	0.48 J	1.9 U	1.7 U	1.3 J
gamma-Chlordane	1.7	1.2 J	1.5 J	2.0	7.8	3.9	0.81 J	1.3 J	2.6	1.5 J
Toxaphene	170	1700 U	2500 U	180 U	180 U	240 U	200 U	190 U	170 U	180 U
DILUTION FACTOR:	10.0	10.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009	11/30/2009
DATE EXTRACTED:	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/6/2009	12/7/2009	12/7/2009	12/7/2009
DATE ANALYZED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/16/2009	12/16/2009	12/16/2009
SAMPLE WEIGHT (GRAMS):	35.1	30.1	30.2	30.2	30.2	30.2	30.2	31.6	31.9	30.0
% MOISTURE:	13.0	32.0	7.0	7.9	29.0	15.0	14.0	7.9		7.6

µg/kg = MICROGRAMS PER KILOGRAM

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

U = VALUE IS NOT DETECTED.

J = VALUE IS ESTIMATED.

mL = MILLILITER

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 4
PESTICIDE SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2016	A2024	A2025	A2027	A2032	A2035	A2039	A2042	A2043
SAMPLE LOCATION:		SS-133	SS-141	SS-142	SS-144	SS-149	SS-152	SS-156	SS-159	SS-160
LABORATORY NUMBER:		9339002018	9339017001	9339017002	9339003005	9339003010	9339003014	9339003018	9339003021	9339003022
COMPOUND	CRQL									
alpha-BHC	1.7	18 U	2.1 U	0.16 J	1.8 U	1.7 U	1.6 U	17 U	16 U	1.6 U
beta-BHC	1.7	18 U	2.1 U	2.3 U	0.10 J	0.22 J	0.25 J	0.34 J	1.2 J	0.089 J
delta-BHC	1.7	18 U	2.1 U	2.3 U	1.8 U	1.7 U	1.6 U	17 U	16 U	1.6 U
gamma-BHC (Lindane)	1.7	18 U	2.1 U	2.3 U	1.8 U	1.7 U	1.6 U	17 U	16 U	1.6 U
Heptachlor	1.7	0.42 J	0.10 J	2.3 U	0.14 J	0.31 J	0.16 J	0.31 J	2.1 J	0.061 J
Aldrin	1.7	18 U	2.1 U	2.3 U	1.8 U	1.7 U	1.6 U	17 U	16 U	1.6 U
Heptachlor epoxide	1.7	2.0 J	0.82 J	3.3	0.16 J	1.4 J	0.47 J	0.37 J	9.7 J	0.22 J
Endosulfan I	1.7	18 U	2.1 U	0.14 J	1.8 U	1.7 U	1.6 U	17 U	16 U	1.6 U
Dieldrin	3.3	29 J	5.0	28	3.0 J	26	8.3	11 J	130	3.0 J
4,4'-DDE	3.3	36 U	2.4 J	4.4 U	1.4 J	3.2 U	3.0 U	1.9 J	31 U	0.43 J
Endrin	3.3	10 J	2.4 J	13	3.5 U	11	3.1	3.4 J	58	1.1 J
Endosulfan II	3.3	1.5 J	0.23 J	0.47 J	0.47 J	3.2 U	3.0 U	1.6 J	31 U	3.1 U
4,4'-DDD	3.3	36 U	4.1 U	4.4 U	3.5 U	3.2 U	3.0 U	32 U	31 U	3.1 U
Endosulfan sulfate	3.3	36 U	4.1 U	1.9 J	3.5 U	3.2 U	3.0 U	32 U	31 U	3.1 U
4,4'-DDT	3.3	77	15	4.4 U	2.2 J	59	21	30 J	360	6.9
Methoxychlor	17	180 U	4.7 J	8.0 J	18 U	17 U	16 U	170 U	160 U	16 U
Endrin ketone	3.3	4.2 J	4.1 U	3.0 J	1.0 J	4.0	1.1 J	4.8 J	16 J	0.79 J
Endrin aldehyde	3.3	14 J	5.5	4.4 U	2.6 J	9.9	3.0 U	14 J	31 U	3.1 U
alpha-Chlordane	1.7	18 U	1.3 J	2.3 U	0.61 J	1.7 U	1.2 J	17 U	16 U	0.79 J
gamma-Chlordane	1.7	5.1 J	1.8 J	2.3 U	0.87 J	1.2 J	1.5 J	1.4 J	9.2 J	0.96 J
Toxaphene	170	1800 U	210 U	230 U	180 U	170 U	160 U	1700 U	1600 U	160 U
DILUTION FACTOR:		10.0	1.0	1.0	1.0	1.0	1.0	10.0	10.0	1.0
FINAL VOLUME (mL):		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DATE SAMPLED:		11/30/2009	12/1/2009	12/1/2009	11/30/2009	11/30/2009	11/30/2009	12/1/2009	11/30/2009	11/30/2009
DATE EXTRACTED:		12/7/2009	12/9/2009	12/9/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009	12/7/2009
DATE ANALYZED:		12/16/2009	12/16/2009	12/13/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009
SAMPLE WEIGHT (GRAMS):		30.1	30.7	30.8	33.7	37.0	36.7	32.7	35.6	40.1
% MOISTURE:		8.1	21.0	27.0	17.0	17.0	10.0	6.3	12.0	21.0

µg/kg = MICROGRAMS PER KILOGRAM

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

U = VALUE IS NOT DETECTED.

J = VALUE IS ESTIMATED.

mL = MILLILITER

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 4
PESTICIDE SOIL ANALYSES
µg/kg

SAMPLE NUMBER:		A2045	A2046	A2057	A2062	A2065	A2068	A2070	A2077	A2087
SAMPLE LOCATION:		SS-162	SS-163	SS-174	SS-179	SS-182	SS-185	SS-187	SS-194	SS-204
LABORATORY NUMBER:		9339006002	9339006003	9339006012	9339017008	9339017009	9339017012	9339017014	9339017020	9339018008
COMPOUND	CRQL									
alpha-BHC	1.7	2.2 U	1.9 U	1.8 U	19 U	2.3 U	1.9 U	180 U	190 U	0.37 J
beta-BHC	1.7	0.22 J	1.9 U	1.8 U	19 U	2.3 U	1.9 U	180 U	190 U	2.4 U
delta-BHC	1.7	2.2 U	1.9 U	1.8 U	19 U	2.3 U	1.9 U	180 U	7.3 J	2.4 U
gamma-BHC (Lindane)	1.7	2.2 U	1.9 U	1.8 U	19 U	2.3 U	1.9 U	180 U	190 U	2.4 U
Heptachlor	1.7	2.2 U	1.9 U	1.8 U	5.4 J	0.30 J	0.96 J	180 U	5.4 J	0.32 J
Aldrin	1.7	0.015 J	1.9 U	1.8 U	19 U	2.3 U	1.9 U	180 U	190 U	2.4 U
Heptachlor epoxide	1.7	13	3.2	2.1	35	2.6	7.8	7.9 J	47 J	2.9
Endosulfan I	1.7	0.23 J	0.074 J	1.8 U	0.24 J	2.3 U	0.12 J	180 U	190 U	2.4 U
Dieldrin	3.3	69	41	30	430	16	*170	15 J	510	50
4,4'-DDE	3.3	4.2 U	0.80 J	3.5 U	40	4.4 U	10	340 U	66 J	4.7
Endrin	3.3	35	19	14	160	9.0	35	14 J	200 J	16
Endosulfan II	3.3	1.2 J	0.31 J	0.26 J	37 U	0.51 J	3.7 U	18 J	380 U	4.6 U
4,4'-DDD	3.3	63	38	3.5 U	37 U	4.4 U	3.7 U	47 J	380 U	4.6 U
Endosulfan sulfate	3.3	7.6	4.6	4.1	54	4.4 U	9.3	340 U	40 J	3.5 J
4,4'-DDT	3.3	*490	*270	*170	*2500	70	37 U	340 U	380 U	4.6 U
Methoxychlor	17	25	12 J	10 J	140 J	10 J	27	1800 U	95 J	12 J
Endrin ketone	3.3	10	3.4 J	3.9	32 J	4.4 U	6.6	15 J	51 J	4.8
Endrin aldehyde	3.3	4.2 U	3.6 U	3.5 U	37 U	4.4 U	3.7 U	32 J	400	4.6 U
alpha-Chlordane	1.7	31	1.2 J	0.82 J	7.0 J	2.9	0.83 J	180 U	190 U	1.2 J
gamma-Chlordane	1.7	34	1.7 J	0.89 J	19 U	5.2	1.4 J	180 U	190 U	0.99 J
Toxaphene	170	220 U	190 U	180 U	1900 U	230 U	190 U	18000 U	19000 U	240 U
DILUTION FACTOR:	1.0 / *10.0	1.0 / *10.0	1.0 / *10.0	10.0 / *100.0	1.0	1.0 / *10.0	100.0	100.0	1.0	
FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
DATE SAMPLED:	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	12/1/2009	
DATE EXTRACTED:	12/7/2009	12/7/2009	12/7/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/11/2009	
DATE ANALYZED:	12/14/2009	12/14/2009	12/14/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/16/2009	12/19/2009	
SAMPLE WEIGHT (GRAMS):	31.0	30.9	32.8	31.4	30.4	30.3	31.3	30.3	30.2	
% MOISTURE:	24.0	12.0	14.0	15.0	26.0	12.0	7.5	14.0	29.0	

µg/kg = MICROGRAMS PER KILOGRAM

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

U = VALUE IS NOT DETECTED.

J = VALUE IS ESTIMATED.

mL = MILLILITER

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 4
PESTICIDE SOIL ANALYSES
µg/kg

	SAMPLE NUMBER:	A2089	A2097	A20A5	A20A6	A20B0	A20B2	A20B5	A20B9	A20C1
	SAMPLE LOCATION:	SS-206	SS-214	SS-222	SS-223	SS-227	SS-229	SS-232	SS-236	SS-238
	LABORATORY NUMBER:	9339018010	9339018017	9339018019	9339018020	9339019004	9339019006	9339019009	9939019013	9339019015
COMPOUND	CRQL									
alpha-BHC	1.7	250 U	180 U	2.0 U	1.7 U	2.2 U	1.9 U	1.8 U	230 U	230 U
beta-BHC	1.7	250 U	180 U	0.32 J	1.7 U	2.2 U	1.9 U	1.8 U	230 U	230 U
delta-BHC	1.7	250 U	180 U	0.87 J	1.2 J	1.4 J	1.9 U	0.13 J	230 U	230 U
gamma-BHC (Lindane)	1.7	250 U	180 U	2.0 U	1.7 U	2.2 U	1.9 U	1.8 U	230 U	230 U
Heptachlor	1.7	250 U	180 U	0.036 J	0.43 J	2.2 U	0.050 J	0.062 J	230 U	230 U
Aldrin	1.7	250 U	180 U	2.0 U	1.7 U	2.2 U	0.052 J	0.024 J	230 U	230 U
Heptachlor epoxide	1.7	250 U	180 U	1.6 J	1.1 J	2.6 J	1.5 J	0.65 J	29 J	230 U
Endosulfan I	1.7	250 U	180 U	2.0 U	0.19 J	2.2 U	1.9 U	1.8 U	230 U	230 U
Dieldrin	3.3	34 J	23 J	8.0	14	2.3 J	14 J	7.1 J	370 J	450 U
4,4'-DDE	3.3	490 U	360 U	3.8 U	3.3 U	4.2 U	3.6 U	3.5 U	43 J	450 U
Endrin	3.3	7.3 J	360 U	3.8 U	11	12	6.9	3.2 J	120 J	450 U
Endosulfan II	3.3	490 U	360 U	2.6 J	1.4 J	0.86 J	0.16 J	0.17 J	440 U	18 J
4,4'-DDD	3.3	490 U	360 U	3.8 U	3.3 U	4.2 U	3.6 U	3.5 U	440 U	450 U
Endosulfan sulfate	3.3	490 U	360 U	3.8 U	3.3 U	4.2 U	1.8 J	0.80 J	440 U	450 U
4,4'-DDT	3.3	490 U	360 U	59	43	*42 U	65	3.5 U	1200	63 J
Methoxychlor	17	2500 U	1800 U	20 J	17 U	29 J	5.1 J	2.5 J	63 J	2300 U
Endrin ketone	3.3	490 U	360 U	3.8 U	3.3 U	4.2 U	1.6 J	0.55 J	5.8 J	450 U
Endrin aldehyde	3.3	490 U	360 U	28	31	4.2 U	1.9 J	3.5 U	440 U	450 U
alpha-Chlordane	1.7	250 U	180 U	2.0 U	1.7 U	2.2 U	0.61 J	0.41 J	2.7 J	230 U
gamma-Chlordane	1.7	250 U	180 U	4.1	4.8	4.7 J	1.1 J	0.28 J	230.0 U	7.6 J
Toxaphene	170	25000 U	18000 U	200 U	170 U	220 U	190 U	180 U	23000 U	23000 U
	DILUTION FACTOR:	100.0	100	1.0	1.0	1.0 / *10.0	1.0	1.0	100.0	100.0
	FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	DATE SAMPLED:	12/1/2009	12/2/2009	12/2/2009	12/12/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
	DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009	12/9/2009
	DATE ANALYZED:	12/19/2009	12/19/2009	12/19/2009	12/19/2009	12/17/2009	12/17/2009	12/17/2009	12/17/2009	12/17/2009
	SAMPLE WEIGHT (GRAMS):	30.8	30.0	30.5	30.6	32.8	30.1	31.6	30.9	30.7
	% MOISTURE:	35.0	7.7	16.0	2.2	28.0	9.6	11.0	28.0	29.0

µg/kg = MICROGRAMS PER KILOGRAM

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

U = VALUE IS NOT DETECTED.

J = VALUE IS ESTIMATED.

mL = MILLILITER

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 4
PESTICIDE SOIL ANALYSES
µg/kg

	SAMPLE NUMBER:	A20C3	A20C4	A20C5	A20D5	A20E0	A20E4	A20E8	A20F3	A20F6
	SAMPLE LOCATION:	SS-240	SS-241	SS-242	SS-252	SS-257	SS-261	SS-265	SS-270	SS-273
	LABORATORY NUMBER:	9339019017	9339019018	9339019019	9339020009	9339020016	9339020020	9339022002	9339022007	9339022010
COMPOUND	CRQL									
alpha-BHC	1.7	1.8 U	2.5 U	2.1 U	16 U	1.7 U	1.4 U	2.1 U	2.2 U	1.9 U
beta-BHC	1.7	1.8 U	2.5 U	0.065 J	16 U	1.3 J	0.060 J	1.0 J	0.46 J	0.22 J
delta-BHC	1.7	1.8 U	0.29 J	0.078 J	0.21 J	1.7 U	1.4 U	0.40 J	2.2 U	1.9 U
gamma-BHC (Lindane)	1.7	1.8 U	2.5 U	2.1 U	16 U	1.7 U	1.4 U	2.1 U	2.2 U	1.9 U
Heptachlor	1.7	1.8 U	2.5 U	0.095 J	79	1.7 U	0.13 J	0.27 J	0.35 J	2.7
Aldrin	1.7	1.8 U	2.5 U	2.1 U	16 U	1.7 U	1.4 U	2.1 U	2.2 U	1.9 U
Heptachlor epoxide	1.7	8.1 J	0.21 J	0.99 J	16 U	2.5	1.4 U	1.4 J	1.6 J	13
Endosulfan I	1.7	0.15 J	2.5 U	0.074 J	16 U	1.7 U	1.4 U	2.1 U	2.2 U	0.42 J
Dieldrin	3.3	170 J	0.92 J	9.7 J	18 J	3.2 U	0.76 J	20	17	*180
4,4'-DDE	3.3	3.6 U	4.9 U	4.0 U	15 J	9.7	1.9 J	7.7	6.7	24
Endrin	3.3	40 J	0.48 J	4.8	32 U	0.92 J	0.32 J	7.9	6.5	51
Endosulfan II	3.3	3.6 U	0.24 J	0.14 J	32 U	1.2 J	0.22 J	0.12 J	0.17 J	1.1 J
4,4'-DDD	3.3	3.6 U	4.9 U	4.0 U	32 U	3.2 U	2.7 U	4.2 U	4.2 U	3.7 U
Endosulfan sulfate	3.3	13 J	4.9 U	4.0 U	32 U	3.2 U	2.7 U	1.2 J	1.0 J	11
4,4'-DDT	3.3	*36 U	1.2 J	4.0 U	14 J	9.3	3.2	4.2 U	4.2 U	3.7 U
Methoxychlor	17	35 J	25 U	5.8 J	14 J	11 J	2.1 J	4.1 J	4.1 J	32
Endrin ketone	3.3	10 J	0.15 J	2.2 J	32 U	3.2 U	2.7 U	1.9 J	4.2 U	12
Endrin aldehyde	3.3	3.6 U	4.9 U	4.0 U	32 U	6.3	2.7 U	4.2 U	4.2 U	3.7 U
alpha-Chlordane	1.7	2.9 J	0.078 J	0.81 J	*720	1.7 U	0.77 J	0.71 J	0.86 J	1.9 U
gamma-Chlordane	1.7	4.2 J	0.042 J	1.6 J	*810	1.7 U	1.2 J	2.1 U	2.2 U	1.9 U
Toxaphene	170	180 U	250 U	210 U	1600 U	170 U	140 U	210 U	220 U	190 U
	DILUTION FACTOR:	1.0 / *10.0	1.0	1.0	10.0 / *100.0	1.0	1.0	1.0	1.0	1.0 / *10.0
	FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	DATE SAMPLED:	12/2/2009	12/2/209	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
	DATE EXTRACTED:	12/9/2009	12/9/2009	12/9/2009	12/8/2009	12/8/2009	12/8/2009	12/11/2009	12/11/2009	12/11/2009
	DATE ANALYZED:	12/17/2009	12/17/2009	12/17/2009	12/19/2009	12/19/2009	12/19/2009	12/19/2009	12/19/2009	12/19/2009
	SAMPLE WEIGHT (GRAMS):	33.2	30.6	31.7	36.2	38.1	42.9	30.2	30.4	32.8
	% MOISTURE:	16.0	34.0	22.0	13.0	20.0	16.0	21.0	22.0	19.0

µg/kg = MICROGRAMS PER KILOGRAM

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

U = VALUE IS NOT DETECTED.

J = VALUE IS ESTIMATED.

mL = MILLILITER

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 4
PESTICIDE SOIL ANALYSES
µg/kg

	SAMPLE NUMBER:	A20F9	A20G3	A20G7	A20H0	A20H3	A20P1	A20P2	A20P3	A20P4
	SAMPLE LOCATION:	SS-276	SS-280	SS-284	SS-287	SS-290	SS-348	SS-349	SS-350	SS-351
	LABORATORY NUMBER:	9339022013	9339022017	9339024001	9339024004	9339024007	9339024019	9339024020	9339010001	9339010004
COMPOUND	CRQL									
alpha-BHC	1.7	2.0 U	2.5 U	1.5 U	1.7 U	1.9 U	1.9 U	18 U	2.4 U	2.0 U
beta-BHC	1.7	0.71 J	0.045 J	0.074 J	1.7 U	0.078 J	0.30 J	18 U	0.033 J	2.0 U
delta-BHC	1.7	2.0 U	2.5 U	1.5 U	1.7 U	0.38 J	0.91 J	18 U	0.018 J	2.0 U
gamma-BHC (Lindane)	1.7	2.0 U	2.5 U	1.5 U	1.7 U	1.9 U	1.9 U	18 U	2.4 U	2.0 U
Heptachlor	1.7	0.24 J	0.42 J	0.2 J	1.7 U	0.047 J	0.23 J	3.9 J	0.070 J	1.4 J
Aldrin	1.7	2.0 U	2.5 U	1.5 U	0.28 J	1.9 U	1.9 U	18 U	2.4 U	2.0 U
Heptachlor epoxide	1.7	2.5	3.6	1.3 J	0.76 J	0.73 J	1.3 J	31	0.18 J	7.0
Endosulfan I	1.7	0.13 J	2.5 U	0.39 J	1.7 U	1.9 U	1.9 U	18 U	2.4 U	0.076 J
Dieldrin	3.3	24	47	21	18	7.7	7.5	490	2.2 J	*160
4,4'-DDE	3.3	9.5	12	2.0 J	2.7 J	2.9 J	3.7 U	43	0.97 J	9.5
Endrin	3.3	9.1	19	7.7	3.8	3.5 J	7.2	150	0.70 J	40
Endosulfan II	3.3	0.27 J	0.37 J	2.8 U	0.51 J	3.6 U	2.1 J	35 U	4.7 U	3.9 U
4,4'-DDD	3.3	4.0 U	4.9 U	2.8 U	42	3.6 U	3.7 U	35 U	4.7 U	3.9 U
Endosulfan sulfate	3.3	1.7 J	4.0 J	4.6	3.3 U	3.6 U	3.7 U	76	4.7 U	12
4,4'-DDT	3.3	4.0 U	4.9 U	*120	40	11	53	*2400	2.1 J	*640
Methoxychlor	17	7.3 J	25 U	15 U	1.0 J	19 U	17 J	180 U	1.1 J	33
Endrin ketone	3.3	4.0 U	5.5	1.6 J	3.1 J	1.0 J	9.7	43	1.4 J	9.0
Endrin aldehyde	3.3	4.0 U	4.9 U	2.8 U	3.3 U	3.6 U	3.7 U	35 U	1.9 J	3.9 U
alpha-Chlordane	1.7	1.2 J	0.95 J	0.97 J	1.7 U	1.9 J	1.9 U	2.7 J	0.24 J	2.6
gamma-Chlordane	1.7	2.0 U	2.5 U	0.87 J	1.7 U	2.3	3.5	18 U	0.53 J	3.5
Toxaphene	170	200 U	250 U	150 U	170 U	190 U	190 U	1800 U	240 U	200 U
	DILUTION FACTOR:	1.0	1.0	1.0 / *10.0	1.0	1.0	1.0	10.0 / *100.0	1.0	1.0 / *10.0
	FINAL VOLUME (mL):	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	DATE SAMPLED:	12/2/2009	12/2/2009	12/2/2009	12/3/2009	12/3/2009	12/2/2009	12/1/2009	11/30/2009	12/2/2009
	DATE EXTRACTED:	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/10/2009	12/10/2009
	DATE ANALYZED:	12/19/2009	12/19/2009	12/19/2009	12/21/2009	12/19/2009	12/19/2009	12/20/2009	12/14/2009	12/14/2009
	SAMPLE WEIGHT (GRAMS):	30.7	30.9	38.0	32.5	36.0	3.7	32.8	30.0	30.4
	% MOISTURE:	19.0	35.0	8.5	8.9	24.0	21.0	13.0	30.0	16.0

µg/kg = MICROGRAMS PER KILOGRAM

CRQL = CONTRACT REQUIRED QUANTITATION LIMIT

U = VALUE IS NOT DETECTED.

J = VALUE IS ESTIMATED.

mL = MILLILITER

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEM

TABLE 4
PESTICIDE SOIL ANALYSES
µg/kg

SAMPLE NUMBER: A20P5
SAMPLE LOCATION: SS-352
LABORATORY NUMBER: 9339010005

COMPOUND	CRQL	
alpha-BHC	1.7	2.0 U
beta-BHC	1.7	0.038 J
delta-BHC	1.7	0.037 J
gamma-BHC (Lindane)	1.7	2.0 U
Heptachlor	1.7	0.045 J
Aldrin	1.7	2 U
Heptachlor epoxide	1.7	0.36 J
Endosulfan I	1.7	2.0 U
Dieldrin	3.3	6.1
4,4'-DDE	3.3	3.9 U
Endrin	3.3	2.6 J
Endosulfan II	3.3	0.28 J
4,4'-DDD	3.3	3.9 U
Endosulfan sulfate	3.3	3.9 U
4,4'-DDT	3.3	8.6
Methoxychlor	17	4.1 J
Endrin ketone	3.3	1.7 J
Endrin aldehyde	3.3	3.9 U
alpha-Chlordane	1.7	2.0 U
gamma-Chlordane	1.7	0.55 J
Toxaphene	170	200 U

DILUTION FACTOR: 1.0
FINAL VOLUME (mL): 5.0
DATE SAMPLED: 12/2/2009
DATE EXTRACTED: 12/10/2009
DATE ANALYZED: 12/14/2009
SAMPLE WEIGHT (GRAMS): 30.3
% MOISTURE: 17.0

µg/kg = MICROGRAMS PER KILOGRAM
CRQL = CONTRACT REQUIRED QUANTITATION LIMIT
U = VALUE IS NOT DETECTED.
J = VALUE IS ESTIMATED.
mL = MILLILITER

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA1ZY1	MA1ZY2	MAZ1Y5	MA1ZY8	MA1ZZ1	MA1ZZ4	
SAMPLE LOCATION:			AS-01	AS-02	SS-102	SS-105	SS-108	SS-111	
LABORATORY NUMBER:			9338052001	93338052001	9338052003	9338052004	9338052005	9338052006	
PERCENT SOLIDS:			91.1%	86.7%	85.1%	78.4%	74.7%	85.1%	
									CONTRACT
									REQUIRED
									QUANTITATION
									LIMITS
									mg/kg
INORGANIC	METHOD	LIMITS							
ANALYTES		mg/kg							
ARSENIC	P	0.36	0.42 J	1.5	1.4	4.1	3.2	2.5	1.0
BARIUM	P	0.22	15.8 J	22.8 J	65.3	54.3	140	61.0	20.0
CADMIUM	P	0.0095	0.55 U	0.19 J	0.56 J	0.17 J	0.86	0.41 J	0.50
CHROMIUM	P	0.22	3.4	5.6	7.8	8.8	18.5	11.8	1.0
LEAD	P	0.43	7.8	17.2	44.3	127	62.5	52.6	1.0
MERCURY	CV	0.018	0.11 U	0.12 U	0.065 J	0.21	0.086 J	0.024 J	0.10
SELENIUM	P	0.58	3.8 U	4.0 U	4.1 U	4.5 U	4.6 U	4.1 U	3.5
SILVER	P	0.39	1.1 U	1.2 U	1.2 U	0.85 J	1.3 U	1.2 U	1.0
CYANIDE	AS	0.48	2.7 U	2.9 U	2.9 U	3.2 U	3.3 U	2.9 U	2.5

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA1ZZ5	MA1ZZ6	MA1ZZ7	MA1ZZ9	MA2001	MA2004	
SAMPLE LOCATION:			SS-112	SS-113	SS-114	SS-116	SS-118	SS-121	
LABORATORY NUMBER:			9338052007	9338052008	9338052009	9338052012	9338052013	9338052014	
PERCENT SOLIDS:			77.7	82.4	79.9	80.8	91.1	76.1	
									CONTRACT
									REQUIRED
									QUANTITATION
INORGANIC	METHOD		METHOD		METHOD		METHOD		LIMITS
ANALYTES		LIMITS							mg/kg
		mg/kg							mg/kg
ARSENIC	P	0.36	3.4	2.9	2.8	1.7	1.9	3.9	1.0
BARIUM	P	0.22	110	110	69.4	45.3	67.8	166	20.0
CADMIUM	P	0.0095	0.23 J	0.088 J	0.63 U	0.61 U	0.056 J	0.51 J	0.50
CHROMIUM	P	0.22	14.1	11.5	8.7	9	8.6	12.1	1.0
LEAD	P	0.43	44.4	39.9	58.5	15.9	45.7	119	1.0
MERCURY	CV	0.018	0.055 J	0.061 J	0.038 J	0.12 U	0.071 J	0.12 J	0.10
SELENIUM	P	0.58	4.5 U	4.2 U	4.4 U	4.3 U	3.8 U	4.6 U	3.5
SILVER	P	0.39	1.3 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1.0
CYANIDE	AS	0.48	3.2 U	3.0 U	3.1 U	3.1 U	2.7 U	3.3 U	2.5

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA2006	MA2007	MA2008	MA2010	MA2016	MA2017	
SAMPLE LOCATION:			SS-123	SS-124	SS-125	SS-127	SS-133	SS-134	
LABORATORY NUMBER:			9338052014	9338052016	9338052017	9338052018	93338052019	9338052020	
PERCENT SOLIDS:			84.1	76.5	80.8	91.6	75.6	87.5	
									CONTRACT
									REQUIRED
									QUANTITATION
									LIMITS
									mg/kg
INORGANIC		METHOD	LIMITS						
ANALYTES			mg/kg						
ARSENIC	P	0.36	2.8	3.2	1.7	2.3	1.2 J	1.6	1.0
BARIUM	P	0.22	54.9	99.7	54.8	62.1	35.2	33.4	20.0
CADMIUM	P	0.0095	0.02 J	0.65 U	0.098 J	0.042 J	0.29 J	0.18 J	0.50
CHROMIUM	P	0.22	8.8	12.2	8.7	9.6	6.1	5.6	1.0
LEAD	P	0.43	40.1	75.8	38.6	28.3	13.8	16.9	1.0
MERCURY	CV	0.018	0.14	0.08 J	0.033 J	0.023 J	0.14 U	0.12 U	0.10
SELENIUM	P	0.58	4.1 U	4.5 U	4.3 U	3.8 U	4.6 U	4.0 U	3.5
SILVER	P	0.39	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1.1 U	1.0
CYANIDE	AS	0.48	3.0 U	3.3 U	3.1 U	2.7 U	3.3 U	2.9 U	2.5

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA2021	MA2023	MA2024	MA2025	MA2027	MA2031	
SAMPLE LOCATION:			SS-138	SS-140	SS-141	SS-142	SS-144	SS-148	
LABORATORY NUMBER:			9338052021	9338052022	9338054001	9338054002	9338053001	9338053002	
PERCENT SOLIDS:			96.0	82.6	74.8	74.0	72.4	86.2	
									CONTRACT
									REQUIRED
									QUANTITATION
INORGANIC	METHOD		LIMITS						LIMITS
ANALYTES		mg/kg							mg/kg
ARSENIC	P	0.36	1.4	3.5	2.2	1.7	3.0	2.2	1.0
BARIUM	P	0.22	28.7	60.6	62.5	82.3	76.7	162	20.0
CADMIUM	P	0.0095	0.52 U	0.026 J	0.11 J	1.6	0.17 J	3.0	0.50
CHROMIUM	P	0.22	4.5	11.0	9.2	14.9	13.5	15.8	1.0
LEAD	P	0.43	14.7	29.4	31.7	102	32.2	316	1.0
MERCURY	CV	0.018	0.10 U	0.036 J	0.096 J	0.19	0.10 J	0.32	0.10
SELENIUM	P	0.58	3.6 U	4.2 U	4.7 U	4.7 U	4.8 U	4.0 U	3.5
SILVER	P	0.39	1.0 U	1.2 U	1.3 U	1.4 U	1.4 U	2.1	1.0
CYANIDE	AS	0.48	2.6 U	3.0 U	3.3 U	3.4 U	3.5 U	2.9 U	2.5

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA2032	MA2034	MA2035	MA2039	MA2040	MA2042	
SAMPLE LOCATION:			SS-149	SS-151	SS-152	SS-156	SS-157	SS-159	
LABORATORY NUMBER:			9338053003	9338054003	9338053006	9338053007	9338053008	9338053009	
PERCENT SOLIDS:			76.8	88.3	89.9	93.1	88.8	86.4	
									CONTRACT
									REQUIRED
									QUANTITATION
INORGANIC	METHOD		METHOD		METHOD		METHOD		LIMITS
ANALYTES	DETECTION		DETECTION		DETECTION		DETECTION		mg/kg
		LIMITS							
		mg/kg							
ARSENIC	P	0.36	1.8	0.90 J	1.2	1.9	1.0 J	2.5	1.0
BARIUM	P	0.22	33.7	24.3	32.2	16.9 J	31.4	96.8	20.0
CADMIUM	P	0.0095	0.63 J	0.18 J	0.64	0.048 J	0.77	22.1	0.50
CHROMIUM	P	0.22	7.0	4.4	4.9	3.4	5.4	24.6	1.0
LEAD	P	0.43	26.9	14.2	19.9	11.2	21.8	122	1.0
MERCURY	CV	0.018	0.029 J	0.11 U	0.11 U	0.11 U	0.025 J	0.093 J	0.10
SELENIUM	P	0.58	4.5 U	4.0 U	3.9 U	3.8 U	3.9 U	4.0 U	3.5
SILVER	P	0.39	1.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0
CYANIDE	AS	0.48	3.3 U	2.8 U	2.8 U	2.7 U	2.8 U	2.9 U	2.5

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA2043	MA2044	MA2045	MA2046	MA2048	MA2061	
SAMPLE LOCATION:			SS-160	SS-161	SS-162	SS-163	SS-165	SS-178	
LABORATORY NUMBER:			9338053010	9338053011	9338053012	9338053013	9338053014	9338054004	
PERCENT SOLIDS:			78.2	85.4	73.7	88.1	85.0	93.2	
									CONTRACT
									REQUIRED
INORGANIC ANALYTES		METHOD DETECTION							QUANTITATION
	METHOD	LIMITS mg/kg							LIMITS mg/kg
ARSENIC	P	0.36	2.1	2.6	6.4	1.3	51.5	2.0	1.0
BARIUM	P	0.22	59.9	67.3	248	39.3	86.8	25.4	20.0
CADMIUM	P	0.0095	0.53 J	0.15 J	8.2	0.8	2.4	0.27 J	0.50
CHROMIUM	P	0.22	10.4	11.7	53.2	6.4	71.0	6.1	1.0
LEAD	P	0.43	32.6	92.7	390	26.5	76.9	16.9	1.0
MERCURY	CV	0.018	0.070 J	0.047 J	0.48	0.034 J	0.046 J	0.10 U	0.10
SELENIUM	P	0.58	4.5 U	4.1 U	0.80 J	4.0 U	4.1 U	3.7 U	3.5
SILVER	P	0.39	1.3 U	1.2 U	1.1 J	1.1 U	1.2 U	1.1 U	1.0
CYANIDE	AS	0.48	3.2 U	2.9 U	0.80 J	2.8 U	2.9 U	2.7 U	2.5

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA2051	MA2053	MA2057	MA2058	MA2061	MA2061	
SAMPLE LOCATION:			SS-168	SS-170	SS-174	SS-175	SS-178	SS-179	
LABORATORY NUMBER:			9338053015	9338053016	9338053017	9338053018	9338054004	9338054005	
PERCENT SOLIDS:			89.7	80.4	84.4	91.9	93.2	89.2	
INORGANIC ANALYTES	METHOD DETECTION								CONTRACT REQUIRED QUANTITATION
	METHOD	LIMITS mg/kg	LIMITS mg/kg						
	P	0.36	1.7	5.0	3.6	1.5	2.0	2.3	1.0
	P	0.22	39.4	143	76.3	31.4	25.4	40.4	20.0
	P	0.0095	1.1	3.5	1.1	0.13 J	0.27 J	3.9	0.50
	P	0.22	8.1	143	16.5	4.4	6.1	10.2	1.0
	P	0.43	31.1	218	53.7	16.2	16.9	65.7	1.0
	CV	0.018	0.052 J	1.1	0.058 J	0.032 J	0.10 U	0.092 J	0.10
	P	0.58	3.9 U	0.91 J	4.1 U	3.8 U	3.7 U	3.9 U	3.5
	P	0.39	1.1 U	0.88 J	1.2 U	1.1 U	1.1 U	1.1 U	1.0
AS	0.48	2.8 U	3.1 U	3.0 U	2.7 U	2.7 U	2.8 U	2.5	

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE:

J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA2063	MA2065	MA2068	MA2070	MA2072	MA2077	
SAMPLE LOCATION:			SS-180	SS-182	SS-185	SS-187	SS-189	SS-194	
LABORATORY NUMBER:			9338053019	9338054006	9338054007	9338054008	9338054009	9338054010	
PERCENT SOLIDS:			74.6	74.8	88.3	93.2	92.0	85.9	
INORGANIC ANALYTES		METHOD	METHOD DETECTION						CONTRACT REQUIRED QUANTITATION
		LIMITS mg/kg	LIMITS mg/kg						
	ARSENIC	P	0.36	3.4	3.5	1.6	1.4	2.5	3.7
	BARIUM	P	0.22	130	122	36.9	29.5	46.3	242
	CADMIUM	P	0.0095	4.0	0.72	1.7	0.33 J	0.19 J	18.1
	CHROMIUM	P	0.22	20.5	13.1	31.5	6.0	4.0	43.2
	LEAD	P	0.43	136	79.1	28.4	15.3	24.1	279
	MERCURY	CV	0.018	0.32	0.13 J	0.14	0.11 U	0.10 U	0.34
	SELENIUM	P	0.58	4.6 U	4.6 U	4.0 U	3.7 U	3.8 U	4.1 U
	SILVER	P	0.39	1.1 J	1.3 U	1.1 U	1.1 U	1.1 U	1.2 U
CYANIDE	AS	0.48	3.4 U	3.3 U	2.8 U	2.7 U	2.7 U	2.9 U	

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE:

J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA2078	MA2083	MA2085	MA2086	MA2087	MA2089		
SAMPLE LOCATION:			SS-195	SS-200	SS-202	SS-203	SS-204	SS-206		
LABORATORY NUMBER:			9338054013	9338054014	9338054015	9338054016	9338054017	9338054018		
PERCENT SOLIDS:			76.2	90.5	88.5	90.9	81.2	90.8		
INORGANIC ANALYTES	METHOD DETECTION								CONTRACT REQUIRED QUANTITATION	
	METHOD	LIMITS mg/kg							LIMITS mg/kg	
	ARSENIC	P	0.36	6.6	1 J	1.1 J	1.5	5.6	0.76 J	1.0
	BARIUM	P	0.22	157	36.1	27.9	48.1	64.9	19.6 J	20.0
	CADMIUM	P	0.0095	3.8	0.16 J	0.94	2.5	2.7	0.048 J	0.50
	CHROMIUM	P	0.22	28.7	5.8	5.2	10.4	11.4	3.0	1.0
	LEAD	P	0.43	250	11.2	31.3	43.9	86.8	7.5	1.0
	MERCURY	CV	0.018	0.26	0.035 J	0.12 U	0.074 J	0.15	0.10 U	0.10
	SELENIUM	P	0.58	4.5 U	3.9 U	3.9 U	3.9 U	1.0 J	3.8 U	3.5
	SILVER	P	0.39	0.72 J	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.0
	CYANIDE	AS	0.48	3.3 U	2.8 U	2.8 U	2.8 U	3.1 U	2.8 U	2.5

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA2092	MA2095	MA2096	MA2097	MA20A4	MA20A5	
SAMPLE LOCATION:			SS-209	SS-212	SS-213	SS-214	SS-221	SS-222	
LABORATORY NUMBER:			9339016001	9338054019	9338054020	9338054021	9339011001	9339011002	
PERCENT SOLIDS:			83.2	66.5	89.2	84.7	79.6	76.2	
									CONTRACT
									REQUIRED
									QUANTITATION
									LIMITS
									mg/kg
INORGANIC	METHOD								
ANALYTES									
ARSENIC	P	0.36	2.2	0.86 J	0.95 J	1.1 J	22.5	37.5	1.0
BARIUM	P	0.22	46.1	74.7	41.9	32.0	142	154	20.0
CADMIUM	P	0.0095	0.94	0.35 J	0.12 J	0.46 J	1.2	1.8	0.50
CHROMIUM	P	0.22	7.6	21.9	9.8	5.9	12.4	14.4	1.0
LEAD	P	0.43	150	45.5	19.7	16.8	223	272	1.0
MERCURY	CV	0.018	0.14	0.060 J	0.11 U	0.078 J	0.11 J	0.10 J	0.10
SELENIUM	P	0.58	4.2 U	5.2 U	3.9 U	4.1 U	0.71 J	4.5 U	3.5
SILVER	P	0.39	1.2 U	1.5 U	1.1 U	1.2 U	1.2 U	1.3 U	1.0
CYANIDE	AS	0.48	3.0 U	3.8 U	2.8 U	3.0 U	3.1 U	3.3 U	2.5

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA20A6	MA20A8	MA20B0	MA20B2	MA20B4	MA20B5		
SAMPLE LOCATION:			SS-223	SS-225	SS-227	SS-229	SS-231	SS-232		
LABORATORY NUMBER:			9339011003	9339011004	9339011005	9339011006	9339011007	9339011008		
PERCENT SOLIDS:			79.8	82.8	66.4	91.7	86.5	90.5		
INORGANIC ANALYTES	METHOD DETECTION								CONTRACT REQUIRED QUANTITATION	
	METHOD	LIMITS mg/kg							LIMITS mg/kg	
	ARSENIC	P	0.36	23.8	4.8	3.9	2.2	3.1	1.1	1.0
	BARIUM	P	0.22	264	77.4	76.0	21.0 J	83.4	35.1	20.0
	CADMIUM	P	0.0095	2.3	2.2	2.3	1.1	0.85	0.67	0.50
	CHROMIUM	P	0.22	16.1	10.5	13.9	9.9	11.8	7.2	1.0
	LEAD	P	0.43	416	82.3	89.7	512	75.0	22.2	1.0
	MERCURY	CV	0.018	0.29	0.070 J	0.084 J	0.10 U	0.15	0.18	0.10
	SELENIUM	P	0.58	0.70 J	4.2 U	1.6 J	3.8 U	4.0 U	3.8 U	3.5
	SILVER	P	0.39	1.3 U	1.2 U	1.5 U	1.1 U	1.2 U	1.1 U	1.0
CYANIDE	AS	0.48	3.1 U	3.0 U	3.8 U	2.7 U	2.9 U	2.8 U	2.5	

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE:

J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA20B9	MA20C0	MA20C1	MA20C3	MA20C4	MA20C5	
SAMPLE LOCATION:			SS-236	SS-237	SS-238	SS-240	SS-241	SS-242	
LABORATORY NUMBER:			9339011009	9339011010	9339011011	9339011012	9339011013	9339011014	
PERCENT SOLIDS:			71.9	83.8	73.1	85.2	64.7	72.4	
									CONTRACT
									REQUIRED
									QUANTITATION
INORGANIC		METHOD	LIMITS						LIMITS
ANALYTES			mg/kg						mg/kg
ARSENIC	P	0.36	3.2	2.9	1.1 J	2.2	0.63 J	3.6	1.0
BARIUM	P	0.22	102	71.4	61.9	58.1	34.8	85.7	20.0
CADMIUM	P	0.0095	3.2	1.2	0.61 J	3.0	2.4	2.6	0.50
CHROMIUM	P	0.22	16.5	11.4	16.0	14.6	2.3	22.8	1.0
LEAD	P	0.43	268	47.8	11.6	61.7	113	318	1.0
MERCURY	CV	0.018	0.29	0.14	0.14 U	0.091 J	0.15 U	0.089 J	0.10
SELENIUM	P	0.58	4.8 U	4.2 U	4.7 U	4.1 U	2.5 J	4.8 U	3.5
SILVER	P	0.39	1.4 U	1.2 U	1.4 U	1.2 U	1.5 U	1.4 U	1.0
CYANIDE	AS	0.48	3.5 U	3.0 U	3.4 U	2.9 U	3.9 U	3.5 U	2.5

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA20C7	MA20D0	MA20D2	MA20D4	MA20D5	MA20D7	
SAMPLE LOCATION:			SS-244	SS-247	SS-249	SS-251	SS-252	SS-254	
LABORATORY NUMBER:			9339011015	9339011016	9339011017	9339011018	9339011019	9339011022	
PERCENT SOLIDS:			77.6	76.5	69.2	90.0	87.1	75.0	
									CONTRACT
									REQUIRED
INORGANIC ANALYTES		METHOD DETECTION							QUANTITATION
	METHOD	LIMITS mg/kg							LIMITS mg/kg
ARSENIC	P	0.36	2.4	2.4	2.6	0.93 J	3.4	2.8	1.0
BARIUM	P	0.22	231	70.7	98.4	24.2	61.8	85.1	20.0
CADMIUM	P	0.0095	1.7	1.5	0.96	0.62	0.51 J	0.83	0.50
CHROMIUM	P	0.22	10.1	9.8	10.1	3.5	8.0	10.6	1.0
LEAD	P	0.43	76.8	85.4	54.7	10.7	67.3	58.4	1.0
MERCURY	CV	0.018	0.18	0.12 J	0.091 J	0.11 U	0.067 J	0.043 J	0.10
SELENIUM	P	0.58	4.5 U	4.6 U	5.1 U	3.9 U	4.0 U	0.83 J	3.5
SILVER	P	0.39	1.3 U	0.31 J	1.4 U	1.1 U	1.1 U	1.3 U	1.0
CYANIDE	AS	0.48	3.2 U	3.3 U	3.6 U	2.8 U	2.9 U	3.3 U	2.5

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE:

J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA20E0	MA20E2	MA20E3	MA20E4	MA20E6	MA20E8		
SAMPLE LOCATION:			SS-257	SS-259	SS-260	SS-261	SS-263	SS-265		
LABORATORY NUMBER:			9339014001	9339014002	9339014003	9339014004	9339014005	9339014006		
PERCENT SOLIDS:			77.6	92.5	84.0	85.2	85.7	84.2		
INORGANIC ANALYTES	METHOD DETECTION								CONTRACT REQUIRED QUANTITATION	
	METHOD	LIMITS mg/kg							LIMITS mg/kg	
	ARSENIC	P	0.36	6.7	2.0	2.6	2.3	2.3	2.6	1.0
	BARIUM	P	0.22	72	46.3	41.5	74.6	69.0	82.7	20.0
	CADMIUM	P	0.0095	0.3 J	0.14 J	0.096 J	1.1	0.23 J	0.34 J	0.50
	CHROMIUM	P	0.22	11.4	7.9	7.6	11.6	9.5	11.9	1.0
	LEAD	P	0.43	130	25.2	18.7	69.9	69.7	44.9	1.0
	MERCURY	CV	0.018	0.32	0.022 J	0.13 U	0.091 J	0.089 J	0.075 J	0.10
	SELENIUM	P	0.58	4.5 U	3.7 U	4.2 U	4.1 U	4.1 U	4.2 U	3.5
	SILVER	P	0.39	1.3 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.0
CYANIDE	AS	0.48	3.2 U	2.7 U	3.0 U	2.9 U	2.9 U	3.0 U	2.5	

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE:

J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA20F0	MA20F2	MA20F3	MA20F5	MA20F6	MA20F8	
SAMPLE LOCATION:			SS-267	SS-269	SS-270	SS-272	SS-273	SS-275	
LABORATORY NUMBER:			9339014006	9339014008	9339014009	9339014010	9339014011	9339014012	
PERCENT SOLIDS:			84.2	83.4	90.6	83.8	85.3	88.5	
									CONTRACT
									REQUIRED
									QUANTITATION
									LIMITS
									mg/kg
INORGANIC	METHOD		LIMITS						
ANALYTES	DETECTION		mg/kg						
ARSENIC	P	0.36	3.1	3.2	2.2	3.5	2.7	2.6	1.0
BARIUM	P	0.22	81.5	108	47.7	56.5	75.3	58.5	20.0
CADMIUM	P	0.0095	1.2	0.26 J	0.24 J	0.046 J	3.2	1.4	0.50
CHROMIUM	P	0.22	19.2	18.0	7.7	16.7	16.3	10.4	1.0
LEAD	P	0.43	89.4	42.3	21.5	9.9	95.5	44.1	1.0
MERCURY	CV	0.018	0.47	0.060 J	0.027 J	0.11 U	0.074 J	0.040 J	0.10
SELENIUM	P	0.58	4.6 U	4.2 U	3.9 U	4.2 U	4.1 U	3.9 U	3.5
SILVER	P	0.39	1.3 U	1.2 U	1.1 U	1.2 U	1.2 U	1.1 U	1.0
CYANIDE	AS	0.48	3.3 U	3.0 U	2.8 U	3.0 U	2.9 U	2.8 U	2.5

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA20F9	MA20G0	MA20G1	MA20G3	MA20G5	MA20G7	
SAMPLE LOCATION:			SS-276	SS-277	SS-278	SS-280	SS-282	SS-284	
LABORATORY NUMBER:			9339014013	9339014014	9339014015	9339014016	9339014017	9339014020	
PERCENT SOLIDS:			91.4	91.3	85.4	87.9	86.7	90.6	
									CONTRACT
									REQUIRED
INORGANIC	METHOD		METHOD						QUANTITATION
		LIMITS	LIMITS						LIMITS
ANALYTES		mg/kg	mg/kg						mg/kg
ARSENIC	P	0.36	2.0	2.3	1.4	2.7	4.9	1.4	1.0
BARIUM	P	0.22	43.6	60.0	41.6	64.5	93.5	32.9	20.0
CADMIUM	P	0.0095	0.29 J	0.51 J	0.59	0.94	2.1	0.82	0.50
CHROMIUM	P	0.22	6.7	9.8	7.5	11.6	19.0	4.8	1.0
LEAD	P	0.43	20.1	40.4	33.7	38.4	70.2	17.6	1.0
MERCURY	CV	0.018	0.041 J	0.042 J	0.035 J	0.029 J	0.042 J	0.11 U	0.10
SELENIUM	P	0.58	3.8 U	3.8 U	4.1 U	3.9 U	4.0 U	3.9 U	3.5
SILVER	P	0.39	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.0
CYANIDE	AS	0.48	2.7 U	2.7 U	2.9 U	2.8 U	2.9 U	2.8 U	2.5

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA20G8	MA20H0	MA20H1	MA20H3	MA20P1	A20P2
SAMPLE LOCATION:			SS-285	SS-287	SS-288	SS-290	SS-348	SS-349
LABORATORY NUMBER:			9339014021	9339014022	9339016004	9339016005	9339016006	9339016007
PERCENT SOLIDS:			90.6	90.3	89.1	79.1	75.1	86.1
			METHOD					
			DETECTION					
</								

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:			MA20P3	MA20P4	MA20P5	MA20P6	MA20P7	MA20P8	
SAMPLE LOCATION:			SS-350	SS-351	SS-352	SS-353	SS-354	SS-355	
LABORATORY NUMBER:			9338053020	9339016008	9339016009	9339016010	9338053021	9338053022	
PERCENT SOLIDS:			72.2	82.9	82.5	89.2	90.7	96.6	
									CONTRACT
									REQUIRED
									QUANTITATION
									LIMITS
									mg/kg
INORGANIC		METHOD	LIMITS						
ANALYTES			mg/kg						
ARSENIC	P	0.36	2.1	2.1	3.6	0.85 J	1.9	1.3	1.0
BARIUM	P	0.22	50.1	66.6	65.2	36.5	36.4	33.8	20.0
CADMIUM	P	0.0095	0.091 J	3.0	0.11 J	0.090 J	0.051 J	0.37 J	0.50
CHROMIUM	P	0.22	8.3	14.0	10.1	5.8	5.6	5.4	1.0
LEAD	P	0.43	18.2	79.7	92.0	12.0	19.2	16.6	1.0
MERCURY	CV	0.018	0.045 J	0.10 J	0.23	0.11 U	0.047 J	0.022 J	0.10
SELENIUM	P	0.58	4.8 U	4.2 U	4.2 U	3.9 U	3.9 U	3.6 U	3.5
SILVER	P	0.39	1.4 U	1.2 U	1.2 U	1.1 U	1.1 U	1.0 U	1.0
CYANIDE	AS	0.48	3.5 U	3.0 U	3.0 U	2.8 U	2.8 U	2.6 U	2.5

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
CASE: 39296
LABORATORY: ALS DATACHEN

TABLE 5
INORGANIC SOIL ANALYSIS
mg/kg

SAMPLE NUMBER:		MA20P9	
SAMPLE LOCATION:		SS-356	
LABORATORY NUMBER:		9339016011	
PERCENT SOLIDS:		84.9	
INORGANIC ANALYTES	METHOD DETECTION		CONTRACT REQUIRED QUANTITATION LIMITS mg/kg
	METHOD	LIMITS mg/kg	
ARSENIC	P	0.36 2.1	1.0
BARIUM	P	0.22 51.0	20.0
CADMIUM	P	0.0095 0.070 J	0.50
CHROMIUM	P	0.22 10.1	1.0
LEAD	P	0.43 19.6	1.0
MERCURY	CV	0.018 0.075 J	0.10
SELENIUM	P	0.58 4.1 U	3.5
SILVER	P	0.39 1.2 U	1.0
CYANIDE	AS	0.48 2.9 U	2.5

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR
AS - SEMI-AUTOMATED

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.

SDGs: MA1ZY1, MA2024, MA2027, MA20A4, MA20E0, MA2092

SITE: OMO MANUFACTURING SITE
PROJECT: 09120011
LABORATORY: OEME

TABLE 6
TCLP ANALYSIS
µg/L

SAMPLE NUMBER:	R01-090511JT-0131	R01-090511JT-0177	R01-090511JT-0239
SAMPLE LOCATION:	SS-119	SS-165	SS-233
INORGANIC ANALYTES			
ARSENIC	ND	ND	ND
BARIUM	701	566	973
CADMIUM	ND	30	ND
CHROMIUM	ND	ND	ND
LEAD	ND	ND	ND
SELENIUM	ND	ND	ND
SILVER	ND	ND	ND
MERCURY	ND	ND	ND

NOTES:

Samples analyzed by ESAT contractors working at the U.S. EPA Office of Environmental Measurement and Evaluation (OEME) using EPA Region I SOP, EIASOP-INGICP7.

ND = Not Detected

TCLP = Toxicity Characteristic Leaching Procedure.

µg/L = micrograms per Liter

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Attachment D

U.S. Environmental Protection Agency Office of Environmental Measurement and Evaluation
Analytical Data

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U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 1
OFFICE OF ENVIRONMENTAL MEASUREMENT & EVALUATION
NORTH CHELMSFORD, MASSACHUSETTS 01863-2431

MEMORANDUM

DATE: 12/11/2009

SUBJECT: Marino Property, Middletown, CT - XRF Field Analytical Screening Results

FROM: Scott Clifford, Chemist *DB for SC 12/22/09*

TO: Janis Tsang, OSC

THRU: Dan Boudreau, Chemistry Team Leader *DB 12/22/09*

PROJECT NUMBER: 09120015

DATE OF ANALYSIS: 11/30/09 - 12/09/09

ANALYTICAL PROCEDURE:

Soil samples were analyzed for Heavy Metals using Region 1's Standard Operating Procedure for Environmental Metals Screening (FLDXRFN3.SOP) with the Innov-X-Alpha 4000 XRF. Samples were collected in zip lock bags.

A homogenized portion of the sample was dried and then placed into a plastic XRF cup for analysis. XRF results should be viewed as semi-quantitative.

Table 1 lists target compounds and approximate quantitation limits, however for this survey, raw instrument data is reported to help guide the site investigation.

Metal results reported below or close to the quantitation limits in the table are not as reliable as results well above quantitation limits.

RESULTS:

Results are reported in ppm.

NOTES:

< = Less than

File: K:\CHEMISTRY\REPORTS\FIELD\09120015FXRF.xls

Table1

Marino Property, Middletown, CT Target Analytes and Approximate Quantitation Limits	
Analyte	Approximate quantitation limit (ppm)
Lead (Pb)	20
Arsenic (As)	20
Mercury (Hg)	20
Chromium (Cr)	40

Marino Property, Middletown, CT - XRF Field Analytical Results				
11/30/09 - 12/09/09				
Results in ppm				
Sample #	Pb	As	Hg	Cr
SS-360	37	<9	<7	<27
SS-122	37	<9	<7	<24
SS-119	423	<23	<9	<33
SS-107	41	<8	<6	24
SS-120	69	<10	<7	<24
SS-106	28	<8	<7	<7
SS-355	28	<9	<8	<31
SS-101	138	<12	<7	25
SS-130	24	<9	<7	<32
SS-133	15	<8	<7	<26
SS-127	29	<8	<7	<23
SS-100	53	<9	<6	28
SS-150	21	<9	<9	<34
SS-359	26	<9	<8	<34
SS-129	18	<8	<7	<53
SS-134	26	<9	<8	<32
SS-135	29	<9	<8	<32
SS-118	43	<9	<7	<25
SS-118_LAB_DUP	39	<9	<7	<29
SS-149	41	<10	<8	<31
SS-125	36	<8	<7	<24
AS-02	24	<9	<7	<33
SS-115	35	<9	<7	<29
AS-01	7	<7	<7	<31
SS-114	120	<12	<7	<24
SS-139	28	<8	<7	32
SS-124	71	<11	<7	<26
SS-140	43	<9	<7	27
SS-153	53	<10	<8	<30
SS-109	48	<9	<7	<25
SS-152	39	<9	<8	31
SS-112	43	<9	<7	<25
SS-157	34	<9	<8	<29
SS-123	55	15	<7	<26
SS-116	21	<8	<7	26
SS-111	37	<9	<8	<27
SS-108	85	<11	<7	32
SS-158	47	<9	<7	<26
SS-362	36	<9	<7	<28
SS-160	39	14	<8	<28
SS-159	60	18	<8	<27
SS-104	43	<9	<7	<27
SS-350	25	<8	<7	<26
SS-103	63	<10	<7	29
SS-110	57	<10	<7	<27
SS-117	73	<11	<8	32
SS-102	47	<9	<7	<23
SS-105	113	<12	<7	<28
SS-136	49	<10	<7	55
SS-144	25	<8	<6	<26
SS-361	47	<9	<7	30

Marino Property, Middletown, CT - XRF Field Analytical Results				
11/30/09 - 12/09/09				
Results in ppm				
Sample #	Pb	As	Hg	Cr
SS-121	138	<13	<8	28
SS-145	28	<9	<7	40
SS-146	27	<9	<8	<29
SS-137	20	<8	<8	<29
SS-354	21	<8	<7	36
SS-138	26	<9	<7	<33
SS-132	33	<9	<8	37
SS-126	41	<9	<7	<29
SS-131	26	<8	<8	<31
SS-113	52	<10	<7	<29
SS-128	30	<8	<7	<24
SS-147	27	<9	<7	<31
SS-161	36	<9	<7	<28
SS-166	28	<10	<8	<36
SS-170	194	<16	<8	47
SS-162	319	<19	<8	58
SS-141	45	<9	<7	32
SS-163	111	<12	<7	<25
SS-175	26	<9	<8	<34
SS-181	113	<12	9	31
SS-168	41	<9	<7	<27
SS-173	81	<12	<7	<26
SS-180	170	<15	<7	53
SS-165	68	51	<8	75
SS-171	161	<15	<8	36
SS-174	72	<11	<7	<29
SS-176	43	<9	<7	<28
SS-151	19	<8	<8	<33
SS-156	12	11	<8	<36
SS-191	39	9	<7	28
SS-167	22	<9	<8	<34
SS-148	269	<19	<9	72
SS-154	24	<9	<7	<31
SS-187	25	<8	<7	<29
SS-199	27	<9	<8	<31
SS-155	48	<11	<8	<34
SS-189	23	<8	<7	<32
SS-207	10	<8	<8	<36
SS-201	22	<9	<8	<33
SS-206	14	<7	<7	<28
SS-142	121	<12	<6	44
SS-143	148	<13	<7	<23
SS-164	16	<9	<9	<37
SS-271	49	<10	<7	<31
SS-270	28	<9	<7	<27
SS-231	76	<11	<7	<27
SS-259	31	<8	<7	<24
SS-274	26	<8	<7	<25
SS-233	279	<17	<8	62
SS-242	75	<11	<7	42
SS-253	37	10	<7	31

Marino Property, Middletown, CT - XRF Field Analytical Results				
11/30/09 - 12/09/09				
Results in ppm				
Sample #	Pb	As	Hg	Cr
SS-251	28	<9	<7	<27
SS-256	55	<9	<6	29
SS-230	110	<12	<7	29
SS-236	199	<15	<7	34
SS-227	71	<10	<7	<21
SS-234	108	<13	<7	<26
SS-235	13	<7	<6	<21
SS-223	340	33	<8	39
SS-348	213	34	<7	42
SS-221	164	<14	<7	27
SS-224	173	<14	<7	26
SS-214	20	<8	<7	<29
SS-178	100	<15	<9	<37
SS-349	112	<14	<8	42
SS-182	72	<10	<7	40
SS-186	52	<11	<8	<32
SS-190	25	<8	<7	30
SS-185	52	<11	<8	<36
SS-188	37	<9	<7	<28
SS-198	31	<9	<8	<32
SS-202	47	<10	<8	<29
SS-203	49	<10	<7	<28
SS-200	11	<9	<9	<44
SS-193	152	16	<8	<31
SS-204	94	<12	<7	26
SS-205	42	<10	8	<31
SS-184	276	<19	<9	60
SS-358	12	<7	<7	<29
SS-403	34	<9	<8	<28
SS-400	31	<9	<8	<30
SS-406	56	<10	<8	66
SS-405	78	<11	<8	50
SS-404	74	<11	<7	<25
SS-402	128	<14	<8	47
SS-401	27	<8	<7	<28
SS-294	82	<13	<8	<34
SS-299	85	<11	<7	30
SS-300	46	<12	<9	<41
SS-196	87	<13	<9	<33
SS-288	61	<12	<8	<36
SS-276	16	<8	<7	<28
SS-277	46	<9	<7	<29
SS-278	44	<9	<7	<25
SS-279	137	<15	<9	<34
SS-356	28	<8	<7	52
SS-210	51	<8	<6	<18
SS-353	15	<8	<8	<30
SS-226	61	<10	<7	<23
SS-225	75	<11	<7	30
SS-290	39	<9	<6	31
SS-411	12	<7	<6	<20

Marino Property, Middletown, CT - XRF Field Analytical Results

11/30/09 - 12/09/09

Results in ppm

Sample #	Pb	As	Hg	Cr
SS-412	16	<8	<8	<31
SS-407	32	<9	<8	<33
SS-408	62	<11	<8	<30
SS-409	12	<7	<6	<21
SS-410	28	<9	<8	<33
SS-258	113	<13	<8	<27
SS-247	65	<9	<6	<22
SS-264	33	10	<7	<25
SS-266	33	<9	<7	<26
SS-281	439	<24	<9	68
SS-268	62	<10	<7	41
SS-287	45	<9	<7	<27
SS-169	69	<11	<8	<29
SS-282	56	<10	<7	<27
SS-212	38	<8	<6	<20
SS-225	54	<9	<6	29
SS-252	105	<12	<7	<24
SS-195	193	<15	<8	<24
SS-183	110	<13	<8	47
SS-194	322	<20	<9	65
SS-172	38	<10	<7	<32
SS-211	45	<9	<6	<24
SS-232	38	<8	<7	<21
SS-197	48	<12	<9	<41
SS-228	79	<10	<6	<23
SS-192	55	<11	<8	<27
SS-275	59	<10	<7	<27
SS-177	41	<9	<7	<29
SS-254	59	<9	<6	<22
SS-272	18	<7	<7	35
SS-179	104	<13	<8	<34
SS-366	265	<17	<7	35
SS-246	93	<10	<6	<23
SS-249	40	<8	<6	<21
SS-260	28	<8	<7	<25
SS-297	49	<10	<7	30
SS-229	64	<13	<10	<50
SS-280	94	<11	<7	43
SS-261	83	<12	<8	36
SS-213	19	<8	<7	<27
SS-352	87	<12	<7	<29
SS-222	229	27	<7	37
SS-257	67	<10	<7	52
SS-269	49	<10	<8	<29
SS-267	132	<14	<8	39
SS-292	540	<26	<9	110
SS-257	67	<10	<7	52
SS-208	15	<8	<7	<28
SS-285	18	10	<8	<37
SS-248	52	<9	<7	<24
SS-301	292	<18	<8	51

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 1
OFFICE OF ENVIRONMENTAL MEASUREMENT & EVALUATION
NORTH CHELMSFORD, MASSACHUSETTS 01863-2431

MEMORANDUM

DATE: December 11, 2009

SUBJECT: Marino Property, Middletown, CT - PCB Field Analytical Results

FROM: Scott Clifford, Chemist *SC 12/22/09*

TO: Janis Tsang, OSC

THRU: Dan Boudreau, Chemistry Team Leader

PROJECT NUMBER: 09120018

DATE OF ANALYSIS: 11/30/09 - 12/09/09

ANALYTICAL PROCEDURE:

Soils were analyzed for PCBs using EPA Region I SOP for PCBs Field Testing for Soils and Sediment samples (EIA-FLDPCB2.SOP). Approximately 1 gram of sample was weighed into a 4 ml vial. To this was added 200 μ L water, 800 μ L methanol and 1000 μ L hexane. The sample mix was vortexed for approximately one minute and then centrifuged. A portion of the hexane extract was analyzed on a Shimadzu GC 14A gas chromatograph equipped with an electron-capture detector and 30 meter, 0.53mm ID MXT-5 column. Concentrations of PCBs in soil were calculated using the external standard technique.

TARGET COMPOUNDS:

PCB A1254 & A1260

Discussion:

Analysis on the Shimadzu Model GC 8A & 14A is used for tentative identification and semi-quantitation of PCBs in soil, oil and sediment samples. This field technique is not meant to substitute for the CLP PCBs in soil protocol. This analysis technique can, however save costly analysis time when full protocol is not required.

Results:		
Results are in columns below. ND() is not detected with the reporting level in parenthesis. Soil PCB results are based on sample wet weight.		
Marino Property, Middletown, CT - PCB Field Analytical Results		
11/30/09 - 12/09/09		
PCB Aroclor Results		
Wet Weight		
ppm		
Sample #	Aroclor 1254	Aroclor 1260
SS-360	ND(0.4)	ND(0.2)
SS-122	ND(0.4)	ND(0.2)
SS-107	ND(0.3)	0.3
SS-120	ND(0.3)	1.2
SS-106	ND(0.3)	ND(0.2)
SS-355	ND(0.3)	0.6
SS-119	ND(0.5)	1.6
SS-101	ND(0.5)	0.3
SS-130	ND(0.3)	0.6
SS-133	ND(0.5)	0.5
SS-127	ND(0.5)	0.5
SS-100	ND(0.4)	1.1
SS-150	ND(0.4)	0.7
SS-359	ND(0.4)	0.8
SS-129	ND(0.5)	0.5
SS-134	ND(0.3)	0.6
SS-135	ND(0.3)	0.7
SS-118	ND(0.3)	ND(0.2)
SS-149	ND(0.4)	5.3
AS-02	ND(0.3)	0.5
SS-125	ND(0.3)	ND(0.2)
SS-115	ND(0.3)	ND(0.2)
AS-01	ND(0.3)	ND(0.2)
SS-114	ND(0.3)	ND(0.2)
SS-139	ND(0.3)	0.4
SS-124	ND(0.3)	ND(0.2)
SS-140	ND(0.3)	0.1
SS-153	ND(0.3)	0.5
SS-109	ND(0.3)	ND(0.2)
SS-152	ND(0.3)	0.5
SS-112	ND(0.3)	0.2
SS-157	ND(0.3)	3.1
SS-123	ND(0.3)	ND(0.2)
SS-116	ND(0.3)	ND(0.2)
SS-111	ND(0.3)	0.7
SS-108	ND(0.3)	ND(0.3)
SS-158	ND(0.3)	1.0
SS-362	ND(0.3)	1.5
SS-160	ND(0.3)	0.2
SS-159	ND(0.3)	5.5
SS-104	ND(0.3)	ND(0.2)
SS-350	ND(0.3)	0.2
SS-103	ND(0.3)	ND(0.2)

Results are in columns below. ND() is not detected with the reporting level in parenthesis. Soil PCB results are based on sample wet weight.		
Marino Property, Middletown, CT - PCB Field Analytical Results		
11/30/09 - 12/09/09		
PCB Aroclor Results		
Wet Weight		
ppm		
Sample #	Aroclor 1254	Aroclor 1260
SS-110	ND(0.3)	0.9
SS-117	ND(0.3)	0.3
SS-102	ND(0.3)	1.2
SS-105	ND(0.3)	ND(0.2)
SS-136	ND(0.3)	0.6
SS-144	ND(0.3)	0.4
SS-361	ND(0.3)	ND(0.3)
SS-121	ND(0.3)	0.3
SS-145	ND(0.3)	ND(0.2)
SS-146	ND(0.3)	2.1
SS-137	ND(0.3)	0.7
SS-354	ND(0.3)	ND(0.2)
SS-138	ND(0.3)	ND(0.2)
SS-132	ND(0.3)	2.1
SS-126	ND(0.3)	0.4
SS-131	ND(0.3)	0.3
SS-113	ND(0.3)	ND(0.2)
SS-128	ND(0.3)	0.2
SS-147	ND(0.3)	0.2
SS-161	ND(0.3)	0.2
SS-166	ND(0.3)	1.0
SS-170	ND(0.3)	1.2
SS-162	ND(0.3)	3.9
SS-141	ND(0.3)	ND(0.2)
SS-163	ND(0.3)	4.3
SS-175	ND(0.3)	0.9
SS-181	ND(0.3)	2.4
SS-168	ND(0.3)	10
SS-173	ND(0.5)	29
SS-180	ND(0.3)	4.4
SS-165	ND(0.3)	0.9
SS-171	ND(0.3)	1.6
SS-174	ND(0.3)	2.8
SS-176	ND(0.5)	32
SS-151	ND(0.3)	0.9
SS-156	ND(0.3)	0.2
SS-191	ND(0.3)	3.5
SS-167	ND(0.3)	0.8
SS-148	ND(0.3)	4.6
SS-154	ND(0.3)	1.3
SS-187	ND(0.3)	1.0
SS-199	ND(0.3)	1.9
SS-155	ND(0.3)	0.6
SS-189	ND(0.3)	0.8
SS-207	ND(0.3)	0.2

Results are in columns below. ND() is not detected with the reporting level in parenthesis. Soil PCB results are based on sample wet weight.

Marino Property, Middletown, CT - PCB Field Analytical Results

11/30/09 - 12/09/09

PCB Aroclor Results

Wet Weight

ppm

Sample #	Aroclor 1254	Aroclor 1260
SS-201	ND(0.3)	0.4
SS-206	ND(0.3)	0.3
SS-142	ND(0.3)	1.2
SS-143	ND(0.3)	4.1
SS-164	ND(0.3)	1.1
SS-271	ND(0.3)	0.3
SS-270	ND(0.3)	1.1
SS-231	ND(0.3)	0.3
SS-259	ND(0.3)	ND(0.2)
SS-274	ND(0.3)	1.9
SS-233	ND(0.3)	1.0
SS-253	ND(0.3)	ND(0.2)
SS-242	ND(0.3)	1.2
SS-256	ND(0.3)	ND(0.2)
SS-230	ND(0.3)	9.8
SS-232	ND(0.3)	0.2
SS-235	ND(0.3)	ND(0.2)
SS-234	ND(0.3)	ND(0.2)
SS-225	ND(0.3)	8.6
SS-229	ND(0.3)	1.4
SS-255	ND(0.3)	0.7
SS-227	ND(0.3)	2.5
SS-236	ND(0.3)	4.5
SS-252	ND(0.3)	ND(0.2)
SS-254	ND(0.3)	0.8
SS-223	ND(0.3)	1.5
SS-222	ND(0.3)	1.0
SS-348	ND(0.3)	0.5
SS-224	ND(0.3)	0.5
SS-221	ND(0.3)	0.5
SS-228	ND(0.3)	5.6
SS-169	ND(0.3)	6.5
SS-213	ND(0.3)	ND(0.2)
SS-172	ND(0.3)	1.6
SS-177	ND(0.3)	1.7
SS-226	ND(0.3)	9.1
SS-179	ND(0.3)	24
SS-214	ND(0.3)	1.0
SS-349	ND(0.3)	17
SS-178	ND(0.3)	1.7
SS-182	ND(0.3)	0.4
SS-183	ND(0.3)	5.2
SS-185	ND(0.3)	13
SS-195	ND(0.3)	3.0
SS-188	ND(0.3)	5.9

Results are in columns below. ND() is not detected with the reporting level in parenthesis. Soil PCB results are based on sample wet weight.		
Marino Property, Middletown, CT - PCB Field Analytical Results		
11/30/09 - 12/09/09		
PCB Aroclor Results		
Wet Weight		
ppm		
Sample #	Aroclor 1254	Aroclor 1260
SS-287	ND(0.3)	2.8
SS-186	ND(0.3)	1.4
SS-190	ND(0.3)	1.0
SS-194	ND(0.3)	24
SS-192	ND(0.3)	1.2
SS-197	ND(0.3)	4.4
SS-275	ND(0.3)	4.6
SS-198	ND(0.3)	1.4
SS-200	ND(0.3)	2.6
SS-202	ND(0.3)	1.2
SS-203	ND(0.3)	11
SS-193	ND(0.3)	7.3
SS-204	ND(0.3)	2.2
SS-184	ND(0.3)	16
SS-205	ND(0.3)	1.7
SS-208	ND(0.3)	0.4
SS-358	ND(0.3)	0.4
SS-211	ND(0.3)	0.4
SS-212	ND(0.3)	ND(0.2)
SS-353	ND(0.3)	ND(0.2)
SS-209	ND(0.3)	7.4
SS-196	ND(0.3)	9.1
SS-290	ND(0.3)	0.2
SS-210	ND(0.3)	2.2
SS-272	ND(0.3)	0.3
SS-273	ND(0.3)	6.2
SS-277	ND(0.3)	2.4
SS-276	ND(0.3)	1.0
SS-403	ND(1.5)	5.2
SS-400	ND(1.5)	14
SS-401	ND(1.5)	6.8
SS-402	ND(1.5)	17
SS-404	ND(1.5)	5.6
SS-405	ND(1.5)	5.5
SS-406	ND(1.5)	11
SS-278	ND(0.3)	1.9
SS-356	ND(0.3)	0.2
SS-300	ND(0.3)	22
SS-288	ND(0.3)	0.6
SS-299	ND(0.3)	0.2
SS-294	ND(0.3)	0.8
SS-251	ND(0.3)	0.4
SS-298	ND(0.3)	ND(0.2)
SS-297	ND(0.3)	ND(0.2)
SS-293	ND(0.3)	9.7

Results are in columns below. ND() is not detected with the reporting level in parenthesis. Soil PCB results are based on sample wet weight.

Marino Property, Middletown, CT - PCB Field Analytical Results

11/30/09 - 12/09/09

PCB Aroclor Results

Wet Weight

ppm

Sample #	Aroclor 1254	Aroclor 1260
SS-295	ND(0.3)	ND(0.2)
SS-289	ND(0.3)	3.2
SS-284	ND(0.3)	2.6
SS-283	ND(0.3)	21
SS-286	ND(0.3)	0.8
SS-291	ND(0.3)	3.0
SS-280	ND(0.3)	2.5
SS-279	ND(0.3)	14
SS-265	ND(0.3)	0.9
SS-301	ND(0.3)	4.8
SS-262	ND(0.3)	ND(0.2)
SS-285	ND(0.3)	1.5
SS-263	ND(0.3)	ND(0.2)
SS-352	ND(0.3)	0.2
SS-292	ND(0.3)	1.5
SS-248	ND(0.3)	0.4
SS-257	ND(0.3)	ND(0.2)
SS-241	ND(0.3)	ND(0.2)
SS-411	ND(0.3)	0.6
SS-412	ND(0.3)	2.5
SS-407	ND(0.3)	1.4
SS-408	ND(0.3)	5.9
SS-409	ND(0.3)	0.4
SS-410	ND(0.3)	1.5
SS-249	ND(0.3)	ND(0.2)
SS-260	ND(0.3)	ND(0.2)
SS-246	ND(0.3)	2.6
SS-261	ND(0.3)	ND(0.2)
SS-267	ND(0.3)	1.1
SS-269	ND(0.3)	ND(0.2)
SS-366	ND(0.3)	7.1
SS-282	ND(0.3)	4.9
SS-268	ND(0.3)	0.7
SS-266	ND(0.3)	ND(0.2)
SS-264	ND(0.3)	ND(0.2)
SS-247	ND(0.3)	0.7
SS-258	ND(0.3)	ND(0.2)
SS-281	ND(0.3)	188
SS-250	ND(0.3)	ND(0.2)
SS-240	ND(0.3)	8.3
SS-245	ND(0.3)	ND(0.2)
SS-296	ND(0.3)	4.0
SS-243	ND(0.3)	7.4
SS-244	ND(0.3)	1.0
SS-351	ND(0.3)	7.2

Results are in columns below. ND() is not detected with the reporting level in parenthesis. Soil PCB results are based on sample wet weight.		
Marino Property, Middletown, CT - PCB Field Analytical Results		
11/30/09 - 12/09/09		
PCB Aroclor Results		
Wet Weight		
ppm		
	Aroclor	Aroclor
Sample #	1254	1260
SS-238	ND(0.3)	ND(0.2)
SS-237	ND(0.3)	1.4
SS-239	ND(0.3)	4.9



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

February 18, 2010

Janis Tsang - OSRR02-2
US EPA New England, Region 1
John W. McCormack Federal Building
5 Post Office Square
Boston, MA 02109 - 3912

Project Number: 09120011
Project: Marino Property - Middletown, CT
Analysis: Metals in Soil Medium Level by ICP
EPA Chemist: Michael Dowling

MD 2/18/10

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGDVICP1.

Preparation and analysis SOP's are based on "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Revision 2, Final Update III, Methods 3050B and 6010B," respectively. Samples were analyzed using a Perkin Elmer 4300 Dual View Inductively Coupled Plasma - Optical Emission Spectrometer.

Date Samples Received by the Laboratory: 12/07/2009

Data were reviewed in accordance with the internal verification procedures described in the EPA New England OEME Chemistry QA Plan.

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340

Sincerely,

Daniel N. Boudreau 2/22/10
Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside acceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

Comments:

Samples were prepared and analyzed by ESAT contractors.

Sample results are reported in mg/Kg, dry weight units.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0117	Lab Sample ID:	AB00241
Date of Collection:	11/30/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	12000	11	
7440-36-0	Antimony	ND	2.0	J1
7440-38-2	Arsenic	5.0	4.0	
7440-39-3	Barium	73	2.0	
7440-41-7	Beryllium	ND	4.2	
7440-43-9	Cadmium	ND	1.0	
7440-70-2	Calcium	7100	10	
7440-47-3	Chromium	16	2.0	
7440-48-4	Cobalt	9.3	6.0	
7440-50-8	Copper	480	5.0	
7439-89-6	Iron	19000	10	
7439-92-1	Lead	150	2.0	
7439-95-4	Magnesium	4100	10	
7439-96-5	Manganese	440	2.0	
7440-02-0	Nickel	28	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	51	1.0	
7440-66-6	Zinc	240	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0126	Lab Sample ID:	AB00242
Date of Collection:	11/30/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	12000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	ND	3.9	
7440-39-3	Barium	81	2.0	
7440-41-7	Beryllium	ND	2.5	
7440-43-9	Cadmium	ND	0.98	
7440-70-2	Calcium	14000	9.8	
7440-47-3	Chromium	15	2.0	
7440-48-4	Cobalt	6.1	5.9	
7440-50-8	Copper	17	4.9	
7439-89-6	Iron	15000	9.8	
7439-92-1	Lead	92	2.0	
7439-95-4	Magnesium	3400	9.8	
7439-96-5	Manganese	490	2.0	
7440-02-0	Nickel	12	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	0.98	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	38	0.98	
7440-66-6	Zinc	73	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0131	Lab Sample ID:	AB00243
Date of Collection:	11/30/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	3
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	4900	32	
7440-36-0	Antimony	ND	5.9	
7440-38-2	Arsenic	ND	12	
7440-39-3	Barium	330	5.9	
7440-41-7	Beryllium	ND	1.4	
7440-43-9	Cadmium	ND	2.9	
7440-70-2	Calcium	6400	29	
7440-47-3	Chromium	46	5.9	
7440-48-4	Cobalt	ND	18	
7440-50-8	Copper	460	15	
7439-89-6	Iron	73000	29	
7439-92-1	Lead	760	5.9	
7439-95-4	Magnesium	2200	29	
7439-96-5	Manganese	460	5.9	
7440-02-0	Nickel	19	5.9	
7782-49-2	Selenium	ND	5.9	
7440-22-4	Silver	ND	2.9	
7440-28-0	Thallium	ND	5.9	
7440-62-2	Vanadium	18	2.9	
7440-66-6	Zinc	320	5.9	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0133	Lab Sample ID:	AB00244
Date of Collection:	11/30/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	13000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	5.2	4.0	
7440-39-3	Barium	490	2.0	
7440-41-7	Beryllium	ND	4.4	
7440-43-9	Cadmium	ND	1.0	
7440-70-2	Calcium	16000	10	
7440-47-3	Chromium	19	2.0	
7440-48-4	Cobalt	9.8	6.0	
7440-50-8	Copper	46	5.0	
7439-89-6	Iron	23000	10	
7439-92-1	Lead	120	2.0	
7439-95-4	Magnesium	5400	10	
7439-96-5	Manganese	470	2.0	
7440-02-0	Nickel	17	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	48	1.0	
7440-66-6	Zinc	420	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0149	Lab Sample ID:	AB00245
Date of Collection:	11/30/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	9000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	ND	4.0	
7440-39-3	Barium	40	2.0	
7440-41-7	Beryllium	ND	5.7	
7440-43-9	Cadmium	ND	1.0	
7440-70-2	Calcium	8900	10	
7440-47-3	Chromium	11	2.0	
7440-48-4	Cobalt	8.1	6.0	
7440-50-8	Copper	26	5.0	
7439-89-6	Iron	18000	10	
7439-92-1	Lead	22	2.0	
7439-95-4	Magnesium	3800	10	
7439-96-5	Manganese	350	2.0	
7440-02-0	Nickel	9.3	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	55	1.0	
7440-66-6	Zinc	44	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0157	Lab Sample ID:	AB00246
Date of Collection:	11/30/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	16000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	4.2	3.9	
7440-39-3	Barium	79	2.0	
7440-41-7	Beryllium	ND	3.6	
7440-43-9	Cadmium	ND	0.98	
7440-70-2	Calcium	1600	9.8	
7440-47-3	Chromium	24	2.0	
7440-48-4	Cobalt	12	5.9	
7440-50-8	Copper	38	4.9	
7439-89-6	Iron	27000	9.8	
7439-92-1	Lead	18	2.0	
7439-95-4	Magnesium	6100	9.8	
7439-96-5	Manganese	760	2.0	
7440-02-0	Nickel	20	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	0.98	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	48	0.98	
7440-66-6	Zinc	59	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0177	Lab Sample ID:	AB00250
Date of Collection:	12/1/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	11000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	62	4.0	
7440-39-3	Barium	120	2.0	
7440-41-7	Beryllium	ND	7.0	
7440-43-9	Cadmium	3.0	1.0	
7440-70-2	Calcium	10000	10	
7440-47-3	Chromium	100	2.0	
7440-48-4	Cobalt	12	6.0	
7440-50-8	Copper	130	5.0	
7439-89-6	Iron	32000	10	
7439-92-1	Lead	100	2.0	
7439-95-4	Magnesium	4800	10	
7439-96-5	Manganese	310	2.0	
7440-02-0	Nickel	19	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	76	1.0	
7440-66-6	Zinc	490	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0187	Lab Sample ID:	AB00253
Date of Collection:	12/1/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	14000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	ND	4.0	
7440-39-3	Barium	44	2.0	
7440-41-7	Beryllium	ND	8.0	
7440-43-9	Cadmium	ND	1.0	
7440-70-2	Calcium	18000	10	
7440-47-3	Chromium	13	2.0	
7440-48-4	Cobalt	13	6.0	
7440-50-8	Copper	34	5.0	
7439-89-6	Iron	26000	10	
7439-92-1	Lead	23	2.0	
7439-95-4	Magnesium	6400	10	
7439-96-5	Manganese	430	2.0	
7440-02-0	Nickel	14	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	99	1.0	
7440-66-6	Zinc	63	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID: R01-090511JT-0193

Lab Sample ID: AB00255

Date of Collection: 12/1/2009

Matrix: Soil

Date of Digestion: 12/11/2009

Final Volume: 50 mL

Date of Analysis: 01/22/2010

Digestate Dilution: 1

Volume Digested: N/A

pH: N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	12000	11	
7440-36-0	Antimony	12	2.0	
7440-38-2	Arsenic	5.2	4.1	
7440-39-3	Barium	180	2.0	
7440-41-7	Beryllium	ND	4.2	
7440-43-9	Cadmium	1.9	1.0	
7440-70-2	Calcium	32000	10	
7440-47-3	Chromium	29	2.0	
7440-48-4	Cobalt	8.5	6.1	
7440-50-8	Copper	62	5.1	
7439-89-6	Iron	23000	10	
7439-92-1	Lead	140	2.0	
7439-95-4	Magnesium	7700	10	
7439-96-5	Manganese	380	2.0	
7440-02-0	Nickel	19	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	45	1.0	
7440-66-6	Zinc	360	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID: R01-090511JT-0205

Lab Sample ID: AB00257

Date of Collection: 12/1/2009

Matrix: Soil

Date of Digestion: 12/11/2009

Final Volume: 50 mL

Date of Analysis: 01/22/2010

Digestate Dilution: 3

Volume Digested: N/A

pH: N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	15000	33	
7440-36-0	Antimony	ND	6.0	
7440-38-2	Arsenic	ND	12	
7440-39-3	Barium	130	6.0	
7440-41-7	Beryllium	ND	9.6	
7440-43-9	Cadmium	6.9	3.0	
7440-70-2	Calcium	9200	30	
7440-47-3	Chromium	30	6.0	
7440-48-4	Cobalt	ND	18	
7440-50-8	Copper	100	15	
7439-89-6	Iron	43000	30	
7439-92-1	Lead	200	6.0	
7439-95-4	Magnesium	6400	30	
7439-96-5	Manganese	560	6.0	
7440-02-0	Nickel	22	6.0	
7782-49-2	Selenium	ND	6.0	
7440-22-4	Silver	ND	3.0	
7440-28-0	Thallium	ND	6.0	
7440-62-2	Vanadium	84	3.0	
7440-66-6	Zinc	340	6.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0217	Lab Sample ID:	AB00258
Date of Collection:	12/1/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	12000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	ND	3.9	
7440-39-3	Barium	51	2.0	
7440-41-7	Beryllium	ND	9.0	
7440-43-9	Cadmium	2.2	0.98	
7440-70-2	Calcium	8500	9.8	
7440-47-3	Chromium	14	2.0	
7440-48-4	Cobalt	11	5.9	
7440-50-8	Copper	42	4.9	
7439-89-6	Iron	24000	9.8	
7439-92-1	Lead	36	2.0	
7439-95-4	Magnesium	4800	9.8	
7439-96-5	Manganese	350	2.0	
7440-02-0	Nickel	12	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	0.98	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	58	0.98	
7440-66-6	Zinc	100	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0220	Lab Sample ID:	AB00260
Date of Collection:	12/1/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	13000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	ND	4.0	
7440-39-3	Barium	33	2.0	
7440-41-7	Beryllium	ND	8.7	
7440-43-9	Cadmium	ND	1.0	
7440-70-2	Calcium	12000	10	
7440-47-3	Chromium	8.1	2.0	
7440-48-4	Cobalt	11	6.0	
7440-50-8	Copper	32	5.0	
7439-89-6	Iron	23000	10	
7439-92-1	Lead	14	2.0	
7439-95-4	Magnesium	5300	10	
7439-96-5	Manganese	320	2.0	
7440-02-0	Nickel	11	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	92	1.0	
7440-66-6	Zinc	55	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0225	Lab Sample ID:	AB00261
Date of Collection:	12/2/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	12000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	ND	3.9	
7440-39-3	Barium	60	2.0	
7440-41-7	Beryllium	ND	7.3	
7440-43-9	Cadmium	ND	0.98	
7440-70-2	Calcium	9700	9.8	
7440-47-3	Chromium	18	2.0	
7440-48-4	Cobalt	11	5.9	
7440-50-8	Copper	32	4.9	
7439-89-6	Iron	20000	9.8	
7439-92-1	Lead	17	2.0	
7439-95-4	Magnesium	5000	9.8	
7439-96-5	Manganese	280	2.0	
7440-02-0	Nickel	14	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	0.98	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	67	0.98	
7440-66-6	Zinc	58	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Laboratory Reagent Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix:	Water
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	50 mL	pH:	N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7429-90-5	Aluminum	ND	110	
7440-36-0	Antimony	ND	20	
7440-38-2	Arsenic	ND	40	
7440-39-3	Barium	ND	20	
7440-41-7	Beryllium	ND	8.0	
7440-43-9	Cadmium	ND	10	
7440-70-2	Calcium	ND	100	
7440-47-3	Chromium	ND	20	
7440-48-4	Cobalt	ND	60	
7440-50-8	Copper	ND	50	
7439-89-6	Iron	ND	100	
7439-92-1	Lead	ND	20	
7439-95-4	Magnesium	ND	100	
7439-96-5	Manganese	ND	20	
7440-02-0	Nickel	ND	20	
7782-49-2	Selenium	ND	20	
7440-22-4	Silver	ND	10	
7440-28-0	Thallium	ND	20	
7440-62-2	Vanadium	ND	10	
7440-66-6	Zinc	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0229	Lab Sample ID:	AB00263
Date of Collection:	12/2/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	10000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	38	4.1	
7440-39-3	Barium	490	2.0	
7440-41-7	Beryllium	ND	2.8	
7440-43-9	Cadmium	2.1	1.0	
7440-70-2	Calcium	6600	10	
7440-47-3	Chromium	36	2.0	
7440-48-4	Cobalt	7.4	6.1	
7440-50-8	Copper	57	5.1	
7439-89-6	Iron	17000	10	
7439-92-1	Lead	560	2.0	
7439-95-4	Magnesium	3700	10	
7439-96-5	Manganese	430	2.0	
7440-02-0	Nickel	18	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	49	1.0	
7440-66-6	Zinc	320	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0236	Lab Sample ID:	AB00266
Date of Collection:	12/2/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/27/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	14000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	5.6	4.0	
7440-39-3	Barium	100	2.0	
7440-41-7	Beryllium	ND	4.2	
7440-43-9	Cadmium	ND	1.0	
7440-70-2	Calcium	3900	10	
7440-47-3	Chromium	21	2.0	
7440-48-4	Cobalt	9.2	6.0	
7440-50-8	Copper	45	5.0	
7439-89-6	Iron	20000	10	
7439-92-1	Lead	160	2.0	
7439-95-4	Magnesium	4200	10	
7439-96-5	Manganese	520	2.0	
7440-02-0	Nickel	16	2.0	
7782-49-2	Selenium	ND	4.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	45	1.0	
7440-66-6	Zinc	270	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0239	Lab Sample ID:	AB00268
Date of Collection:	12/2/2009	Matrix:	Soil
Date of Digestion:	12/11/2009	Final Volume:	50 mL
Date of Analysis:	01/22/2010	Digestate Dilution:	3
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	21000	33	
7440-36-0	Antimony	ND	6.0	
7440-38-2	Arsenic	6.5	12	
7440-39-3	Barium	210	6.0	
7440-41-7	Beryllium	ND	5.1	
7440-43-9	Cadmium	ND	3.0	
7440-70-2	Calcium	13000	30	
7440-47-3	Chromium	47	6.0	
7440-48-4	Cobalt	ND	18	
7440-50-8	Copper	240	15	
7439-89-6	Iron	38000	30	
7439-92-1	Lead	400	6.0	
7439-95-4	Magnesium	7200	30	
7439-96-5	Manganese	560	6.0	
7440-02-0	Nickel	41	6.0	
7782-49-2	Selenium	ND	6.0	
7440-22-4	Silver	ND	3.0	
7440-28-0	Thallium	ND	6.0	
7440-62-2	Vanadium	58	3.0	
7440-66-6	Zinc	610	6.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

METALS MATRIX SPIKE (MS) RESULTS

Marino Property - Middletown, CT

Sample ID: AB00241

PARAMETER	SPIKE ADDED mg/Kg	SAMPLE CONCENTRATION mg/Kg	MS CONCENTRATION mg/Kg	MS % REC	QC LIMITS (% REC)
Antimony	98.0	ND	34.1	35	75 - 125
Arsenic	98.0	5.0	97.6	94	75 - 125
Barium	98.0	73	172	101	75 - 125
Beryllium	39.2	ND	35.9	92	75 - 125
Cadmium	49.0	ND	45.8	93	75 - 125
Chromium	98.0	16	114	100	75 - 125
Cobalt	98.0	9.3	105	98	75 - 125
Copper	98.0	480	650	R	75 - 125
Lead	98.0	150	242	94	75 - 125
Manganese	98.0	440	572	R	75 - 125
Nickel	98.0	28	123	97	75 - 125
Selenium	98.0	ND	85.1	87	75 - 125
Silver	19.6	ND	20.3	104	75 - 125
Thallium	98.0	ND	86.5	88	75 - 125
Vanadium	98.0	51	154	105	75 - 125
Zinc	98.0	240	331	93	75 - 125

Comments:

Samples in Batch: AB00241, AB00242, AB00243, AB00244, AB00245, AB00246, AB00250, AB00253, AB00255, AB00257,
AB00258, AB00260, AB00261, AB00263, AB00266, AB00268

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Marino Property - Middletown, CT

Sample ID: AB00242

PARAMETER	SAMPLE RESULT mg/Kg	SAMPLE DUPLICATE RESULT mg/Kg	PRECISION RPD %	QC LIMITS
Aluminum	12000	11000	9	30
Antimony	ND	ND	NC	30
Arsenic	ND	ND	NC	30
Barium	81	81	0	30
Beryllium	ND	ND	NC	30
Cadmium	ND	ND	NC	30
Calcium	14000	15000	7	30
Chromium	15	15	0	30
Cobalt	6.1	6.4	5	30
Copper	17	16	6	30
Iron	15000	14000	7	30
Lead	92	100	8	30
Magnesium	3400	3200	6	30
Manganese	490	530	8	30
Nickel	12	11	9	30
Selenium	ND	ND	NC	30
Silver	ND	ND	NC	30
Thallium	ND	ND	NC	30
Vanadium	38	37	3	30
Zinc	73	74	1	30

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

Marino Property - Middletown, CT

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Aluminum	1000	1060	106	85 - 115
Antimony	1000	995	100	85 - 115
Arsenic	1000	966	97	85 - 115
Barium	1000	1010	101	85 - 115
Beryllium	400	400	100	85 - 115
Cadmium	500	479	96	85 - 115
Calcium	10000	10300	103	85 - 115
Chromium	1000	1030	103	85 - 115
Cobalt	1000	1000	100	85 - 115
Copper	1000	1050	105	85 - 115
Iron	1000	1050	105	85 - 115
Lead	1000	978	98	85 - 115
Magnesium	10000	10500	105	85 - 115
Manganese	1000	1040	104	85 - 115
Nickel	1000	986	99	85 - 115
Selenium	1000	888	89	85 - 115
Silver	200	195	98	85 - 115
Thallium	1000	954	95	85 - 115
Vanadium	1000	1060	106	85 - 115
Zinc	1000	964	96	85 - 115

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Solid Laboratory Control Sample (LCS) Results

Marino Property - Middletown, CT

PARAMETER	LCS RESULTS mg/Kg	CONTROL LIMITS mg/Kg
Aluminum	13200	5750 - 15400
Antimony	72.5	63.3 - 189
Arsenic	214	181 - 270
Barium	547	461 - 669
Beryllium	160	134 - 190
Cadmium	65.5	58.1 - 80.1
Calcium	10100	8310 - 11700
Chromium	130	101 - 147
Cobalt	118	95.6 - 135
Copper	72.0	53.9 - 79.5
Iron	18900	8930 - 26400
Lead	207	183 - 264
Magnesium	4450	3290 - 5230
Manganese	382	304 - 433
Nickel	175	140 - 204
Selenium	137	114 - 180
Silver	35.0	23.3 - 47.1
Thallium	161	140 - 205
Vanadium	103	72.1 - 116
Zinc	337	280 - 418

Comments:



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

January 06, 2010

Janis Tsang - OSRR02-2
US EPA New England, Region 1
John W. MacCormack Federal Building
5 Post Office Square
Boston, MA 02109 - 3912

Project Number: 09120011
Project: Marino Property - Middletown, CT
Analysis: PCBs Medium Level in Soils and Sediments
Analyst: Paul Carroll

*Handled
1.6.10*

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, PESTSOIL3.SOP.

The analysis was performed using high resolution capillary column chromatography on an Agilent 6890 Series gas chromatograph equipped with dual electron capture detectors. The 30 meter dual capillary column system consists of a J&W DB-5 and J&W DB-1701, both with 0.25mm ID and 0.25 micron film thickness.

The results are reported on a dry weight basis.

Date Samples Received by the Laboratory : 12/07/2009

Data were reviewed in accordance with the internal verification procedures described in the EPA New England OEME Chemistry QA Plan.

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau

Daniel N. Boudreau
Chemistry Team Leader

1/6/2010

Qualifiers:	RL	Reporting limit
	ND	Not Detected above Reporting limit
	NA	Not Applicable due to high sample dilutions or sample interferences
	J	Estimated value
	E	Estimated value exceeds the calibration range
	L	Estimated value is below the calibration range
	B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
	P	The confirmation value exceeded 35% difference and is less than 100%. The lower value is reported.
	C	The identification has been confirmed by GC/MS.
	R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0111

Lab Sample ID: AB00239

Date of Collection: 11/30/2009

Matrix: Soil

Date of Extraction: 12/9/09

Final Volume: 5 mL

Date of Analysis: 12/22/09

Percent Solids: 85%

Dry Weight Extracted: 5.83 grams

Extract Dilution: 1

Wet Weight Extracted: 6.86 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.09	
11104-28-2	Aroclor-1221	ND	0.09	
11141-16-5	Aroclor-1232	ND	0.09	
53469-21-9	Aroclor-1242	ND	0.09	
12672-29-6	Aroclor-1248	ND	0.09	
11097-69-1	Aroclor-1254	ND	0.09	
11096-82-5	Aroclor-1260	0.76	0.09	
11100-14-4	Aroclor-1262	ND	0.09	
37324-23-5	Aroclor-1268	ND	0.09	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	73	36 - 131
Decachlorobiphenyl	43	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0114

Lab Sample ID: AB00240

Date of Collection: 11/30/2009

Matrix: Soil

Date of Extraction: 12/9/09

Final Volume: 5 mL

Date of Analysis: 12/22/09

Percent Solids: 85%

Dry Weight Extracted: 5.24 grams

Extract Dilution: 2

Wet Weight Extracted: 6.14 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.19	
11104-28-2	Aroclor-1221	ND	0.19	
11141-16-5	Aroclor-1232	ND	0.19	
53469-21-9	Aroclor-1242	ND	0.19	
12672-29-6	Aroclor-1248	ND	0.19	
11097-69-1	Aroclor-1254	ND	0.19	
11096-82-5	Aroclor-1260	1.6	0.19	
11100-14-4	Aroclor-1262	ND	0.19	
37324-23-5	Aroclor-1268	ND	0.19	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	88	36 - 131
Decachlorobiphenyl	98	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0131
Date of Collection: 11/30/2009
Date of Extraction: 12/9/09
Date of Analysis: 12/22/09
Dry Weight Extracted: 3.96 grams
Wet Weight Extracted: 5.48 grams

Lab Sample ID: AB00243
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 72%
Extract Dilution: 2

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.25	
11104-28-2	Aroclor-1221	ND	0.25	
11141-16-5	Aroclor-1232	ND	0.25	
53469-21-9	Aroclor-1242	ND	0.25	
12672-29-6	Aroclor-1248	ND	0.25	
11097-69-1	Aroclor-1254	ND	0.25	
11096-82-5	Aroclor-1260	3.9	0.25	
11100-14-4	Aroclor-1262	ND	0.25	
37324-23-5	Aroclor-1268	ND	0.25	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	80	36 - 131
Decachlorobiphenyl	58	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0161
Date of Collection: 11/30/2009
Date of Extraction: 12/9/09
Date of Analysis: 12/23/09
Dry Weight Extracted: 6.44 grams
Wet Weight Extracted: 6.87 grams

Lab Sample ID: AB00247
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 94%
Extract Dilution: 10

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.78	
11104-28-2	Aroclor-1221	ND	0.78	
11141-16-5	Aroclor-1232	ND	0.78	
53469-21-9	Aroclor-1242	ND	0.78	
12672-29-6	Aroclor-1248	ND	0.78	
11097-69-1	Aroclor-1254	ND	0.78	
11096-82-5	Aroclor-1260	5.3	0.78	
11100-14-4	Aroclor-1262	ND	0.78	
37324-23-5	Aroclor-1268	ND	0.78	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	86	36 - 131
Decachlorobiphenyl	84	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0169

Date of Collection: 11/30/2009

Date of Extraction: 12/9/09

Date of Analysis: 12/23/09

Dry Weight Extracted: 5.98 grams

Wet Weight Extracted: 6.74 grams

Lab Sample ID: AB00248

Matrix: Soil

Final Volume: 5 mL

Percent Solids: 89%

Extract Dilution: 10

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.84	
11104-28-2	Aroclor-1221	ND	0.84	
11141-16-5	Aroclor-1232	ND	0.84	
53469-21-9	Aroclor-1242	ND	0.84	
12672-29-6	Aroclor-1248	ND	0.84	
11097-69-1	Aroclor-1254	ND	0.84	
11096-82-5	Aroclor-1260	2.9	0.84	
11100-14-4	Aroclor-1262	ND	0.84	
37324-23-5	Aroclor-1268	ND	0.84	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	80	36 - 131
Decachlorobiphenyl	77	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0171
Date of Collection: 11/30/2009
Date of Extraction: 12/9/09
Date of Analysis: 12/22/09
Dry Weight Extracted: 7.31 grams
Wet Weight Extracted: 7.58 grams

Lab Sample ID: AB00249
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 96%
Extract Dilution: 20

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	1.40	
11104-28-2	Aroclor-1221	ND	1.40	
11141-16-5	Aroclor-1232	ND	1.40	
53469-21-9	Aroclor-1242	ND	1.40	
12672-29-6	Aroclor-1248	ND	1.40	
11097-69-1	Aroclor-1254	ND	1.40	
11096-82-5	Aroclor-1260	6.9	1.40	
11100-14-4	Aroclor-1262	ND	1.40	
37324-23-5	Aroclor-1268	ND	1.40	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	92	36 - 131
Decachlorobiphenyl	90	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0180

Lab Sample ID: AB00251

Date of Collection: 12/1/2009

Matrix: Soil

Date of Extraction: 12/9/09

Final Volume: 5 mL

Date of Analysis: 12/29/09

Percent Solids: 90%

Dry Weight Extracted: 5.26 grams

Extract Dilution: 10

Wet Weight Extracted: 5.84 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.95	
11104-28-2	Aroclor-1221	ND	0.95	
11141-16-5	Aroclor-1232	ND	0.95	
53469-21-9	Aroclor-1242	ND	0.95	
12672-29-6	Aroclor-1248	ND	0.95	
11097-69-1	Aroclor-1254	ND	0.95	
11096-82-5	Aroclor-1260	16	0.95	
11100-14-4	Aroclor-1262	ND	0.95	
37324-23-5	Aroclor-1268	ND	0.95	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	80	36 - 131
Decachlorobiphenyl	80	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0185

Lab Sample ID: AB00252

Date of Collection: 12/1/2009

Matrix: Soil

Date of Extraction: 12/9/09

Final Volume: 5 mL

Date of Analysis: 12/29/09

Percent Solids: 92%

Dry Weight Extracted: 5.01 grams

Extract Dilution: 50

Wet Weight Extracted: 5.44 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	5.00	
11104-28-2	Aroclor-1221	ND	5.00	
11141-16-5	Aroclor-1232	ND	5.00	
53469-21-9	Aroclor-1242	ND	5.00	
12672-29-6	Aroclor-1248	ND	5.00	
11097-69-1	Aroclor-1254	ND	5.00	
11096-82-5	Aroclor-1260	41	5.00	
11100-14-4	Aroclor-1262	ND	5.00	
37324-23-5	Aroclor-1268	ND	5.00	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	NA	36 - 131
Decachlorobiphenyl	NA	30 - 165

Comments: NA - Surrogate recovery was not determined due to dilutions required to quantify the target analyte.

US ENVIRONMENTAL PROTECTION AGENCY
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Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0188

Lab Sample ID: AB00254

Date of Collection: 12/1/2009

Matrix: Soil

Date of Extraction: 12/9/09

Final Volume: 5 mL

Date of Analysis: 12/22/09

Percent Solids: 90%

Dry Weight Extracted: 6.01 grams

Extract Dilution: 50

Wet Weight Extracted: 6.65 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	4.20	
11104-28-2	Aroclor-1221	ND	4.20	
11141-16-5	Aroclor-1232	ND	4.20	
53469-21-9	Aroclor-1242	ND	4.20	
12672-29-6	Aroclor-1248	ND	4.20	
11097-69-1	Aroclor-1254	ND	4.20	
11096-82-5	Aroclor-1260	18	4.20	
11100-14-4	Aroclor-1262	ND	4.20	
37324-23-5	Aroclor-1268	ND	4.20	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	NA	36 - 131
Decachlorobiphenyl	NA	30 - 165

Comments: NA - Surrogate recovery was not determined due to dilutions required to quantify the target analyte.

US ENVIRONMENTAL PROTECTION AGENCY
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Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0203
Date of Collection: 12/1/2009
Date of Extraction: 12/9/09
Date of Analysis: 12/22/09
Dry Weight Extracted: 4.88 grams
Wet Weight Extracted: 6.22 grams

Lab Sample ID: AB00256
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 78%
Extract Dilution: 10

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	1.00	
11104-28-2	Aroclor-1221	ND	1.00	
11141-16-5	Aroclor-1232	ND	1.00	
53469-21-9	Aroclor-1242	ND	1.00	
12672-29-6	Aroclor-1248	ND	1.00	
11097-69-1	Aroclor-1254	ND	1.00	
11096-82-5	Aroclor-1260	6.1	1.00	
11100-14-4	Aroclor-1262	ND	1.00	
37324-23-5	Aroclor-1268	ND	1.00	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	86	36 - 131
Decachlorobiphenyl	82	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0219

Lab Sample ID: AB00259

Date of Collection: 12/1/2009

Matrix: Soil

Date of Extraction: 12/9/09

Final Volume: 5 mL

Date of Analysis: 12/22/09

Percent Solids: 93%

Dry Weight Extracted: 5.83 grams

Extract Dilution: 1

Wet Weight Extracted: 6.29 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.09	
11104-28-2	Aroclor-1221	ND	0.09	
11141-16-5	Aroclor-1232	ND	0.09	
53469-21-9	Aroclor-1242	ND	0.09	
12672-29-6	Aroclor-1248	ND	0.09	
11097-69-1	Aroclor-1254	ND	0.09	
11096-82-5	Aroclor-1260	0.27	0.09	
11100-14-4	Aroclor-1262	ND	0.09	
37324-23-5	Aroclor-1268	ND	0.09	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	87	36 - 131
Decachlorobiphenyl	65	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0225
Date of Collection: 12/2/2009
Date of Extraction: 12/9/09
Date of Analysis: 12/22/09
Dry Weight Extracted: 5.61 grams
Wet Weight Extracted: 6.25 grams

Lab Sample ID: AB00261
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 90%
Extract Dilution: 1

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.09	
11104-28-2	Aroclor-1221	ND	0.09	
11141-16-5	Aroclor-1232	ND	0.09	
53469-21-9	Aroclor-1242	ND	0.09	
12672-29-6	Aroclor-1248	ND	0.09	
11097-69-1	Aroclor-1254	ND	0.09	
11096-82-5	Aroclor-1260	0.14	0.09	
11100-14-4	Aroclor-1262	ND	0.09	
37324-23-5	Aroclor-1268	ND	0.09	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	86	36 - 131
Decachlorobiphenyl	60	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0228

Lab Sample ID: AB00262

Date of Collection: 12/2/2009

Matrix: Soil

Date of Extraction: 12/9/09

Final Volume: 5 mL

Date of Analysis: 12/22/09

Percent Solids: 77%

Dry Weight Extracted: 4.80 grams

Extract Dilution: 1

Wet Weight Extracted: 6.22 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.10	
11104-28-2	Aroclor-1221	ND	0.10	
11141-16-5	Aroclor-1232	ND	0.10	
53469-21-9	Aroclor-1242	ND	0.10	
12672-29-6	Aroclor-1248	ND	0.10	
11097-69-1	Aroclor-1254	ND	0.10	
11096-82-5	Aroclor-1260	0.79	0.10	
11100-14-4	Aroclor-1262	ND	0.10	
37324-23-5	Aroclor-1268	ND	0.10	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	65	36 - 131
Decachlorobiphenyl	69	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0231

Lab Sample ID: AB00264

Date of Collection: 12/2/2009

Matrix: Soil

Date of Extraction: 12/9/09

Final Volume: 5 mL

Date of Analysis: 12/22/09

Percent Solids: 80%

Dry Weight Extracted: 5.60 grams

Extract Dilution: 10

Wet Weight Extracted: 7.03 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.89	
11104-28-2	Aroclor-1221	ND	0.89	
11141-16-5	Aroclor-1232	ND	0.89	
53469-21-9	Aroclor-1242	ND	0.89	
12672-29-6	Aroclor-1248	ND	0.89	
11097-69-1	Aroclor-1254	ND	0.89	
11096-82-5	Aroclor-1260	6.7	0.89	
11100-14-4	Aroclor-1262	ND	0.89	
37324-23-5	Aroclor-1268	ND	0.89	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	90	36 - 131
Decachlorobiphenyl	80	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0235

Lab Sample ID: AB00265

Date of Collection: 12/2/2009

Matrix: Soil

Date of Extraction: 12/9/09

Final Volume: 5 mL

Date of Analysis: 12/22/09

Percent Solids: 91%

Dry Weight Extracted: 5.99 grams

Extract Dilution: 2

Wet Weight Extracted: 6.60 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.17	
11104-28-2	Aroclor-1221	ND	0.17	
11141-16-5	Aroclor-1232	ND	0.17	
53469-21-9	Aroclor-1242	ND	0.17	
12672-29-6	Aroclor-1248	ND	0.17	
11097-69-1	Aroclor-1254	ND	0.17	
11096-82-5	Aroclor-1260	1.5	0.17	
11100-14-4	Aroclor-1262	ND	0.17	
37324-23-5	Aroclor-1268	ND	0.17	

Surrogate Compounds

Recoveries (%)

QC Ranges

2,4,5,6-Tetrachloro-m-xylene
Decachlorobiphenyl

81
74

36 - 131
30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0236
Date of Collection: 12/2/2009
Date of Extraction: 12/9/09
Date of Analysis: 12/22/09
Dry Weight Extracted: 5.08 grams
Wet Weight Extracted: 6.21 grams

Lab Sample ID: AB00266
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 82%
Extract Dilution: 10

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.98	
11104-28-2	Aroclor-1221	ND	0.98	
11141-16-5	Aroclor-1232	ND	0.98	
53469-21-9	Aroclor-1242	ND	0.98	
12672-29-6	Aroclor-1248	ND	0.98	
11097-69-1	Aroclor-1254	ND	0.98	
11096-82-5	Aroclor-1260	11	0.98	
11100-14-4	Aroclor-1262	ND	0.98	
37324-23-5	Aroclor-1268	ND	0.98	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	89	36 - 131
Decachlorobiphenyl	95	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0237
Date of Collection: 12/2/2009
Date of Extraction: 12/9/09
Date of Analysis: 12/29/09
Dry Weight Extracted: 6.11 grams
Wet Weight Extracted: 6.89 grams

Lab Sample ID: AB00267
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 89%
Extract Dilution: 1

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.08	
11104-28-2	Aroclor-1221	ND	0.08	
11141-16-5	Aroclor-1232	ND	0.08	
53469-21-9	Aroclor-1242	ND	0.08	
12672-29-6	Aroclor-1248	ND	0.08	
11097-69-1	Aroclor-1254	ND	0.08	
11096-82-5	Aroclor-1260	0.24	0.08	
11100-14-4	Aroclor-1262	ND	0.08	
37324-23-5	Aroclor-1268	ND	0.08	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	87	36 - 131
Decachlorobiphenyl	71	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0294

Lab Sample ID: AB00269

Date of Collection: 12/3/2009

Matrix: Soil

Date of Extraction: 12/9/09

Final Volume: 5 mL

Date of Analysis: 12/22/09

Percent Solids: 91%

Dry Weight Extracted: 6.13 grams

Extract Dilution: 1

Wet Weight Extracted: 6.77 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.08	
11104-28-2	Aroclor-1221	ND	0.08	
11141-16-5	Aroclor-1232	ND	0.08	
53469-21-9	Aroclor-1242	ND	0.08	
12672-29-6	Aroclor-1248	ND	0.08	
11097-69-1	Aroclor-1254	ND	0.08	
11096-82-5	Aroclor-1260	0.82	0.08	
11100-14-4	Aroclor-1262	ND	0.08	
37324-23-5	Aroclor-1268	ND	0.08	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	85	36 - 131
Decachlorobiphenyl	79	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Laboratory Blank

Client Sample ID: N/A
Date of Collection: N/A
Date of Extraction: 12/9/09
Date of Analysis: 12/22/09
Dry Weight Extracted: 5.15 grams
Wet Weight Extracted: 5.15 grams

Lab Sample ID: N/A
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 100%
Extract Dilution: 1

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.10	
11104-28-2	Aroclor-1221	ND	0.10	
11141-16-5	Aroclor-1232	ND	0.10	
53469-21-9	Aroclor-1242	ND	0.10	
12672-29-6	Aroclor-1248	ND	0.10	
11097-69-1	Aroclor-1254	ND	0.10	
11096-82-5	Aroclor-1260	ND	0.10	
11100-14-4	Aroclor-1262	ND	0.10	
37324-23-5	Aroclor-1268	ND	0.10	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	63	36 - 131
Decachlorobiphenyl	72	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

PCB MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Marino Property - Middletown, CT

Sample ID: AB00240

PARAMETER	SPIKE ADDED mg/Kg	SAMPLE CONCENTRATION mg/Kg	MS CONCENTRATION mg/Kg	MS % REC	QC LIMITS (% REC)
Aroclor-1016	0.60	ND	0.600	100.17	70 - 130
Aroclor-1260	0.60	1.6	1.93	55.09	53 - 130

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION mg/Kg	MSD % REC	RPD %	QC LIMITS RPD
Aroclor-1016	0.60	0.640	106.84	6	50
Aroclor-1260	0.60	1.88	46.74	16	50

Samples in Batch: AB00239, AB00240, AB00243, AB00247, AB00248, AB00249, AB00251, AB00252, AB00254,
AB00256, AB00259, AB00261, AB00262, AB00264, AB00265, AB00266, AB00267, AB00269

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY DUPLICATE RESULTS

Marino Property - Middletown, CT

Sample ID: AB00240

PARAMETER	SAMPLE RESULT mg/Kg	SAMPLE DUPLICATE RESULT mg/Kg	PRECISION RPD %	QC LIMITS
Aroclor-1016	ND	ND	ND	50
Aroclor-1221	ND	ND	ND	50
Aroclor-1232	ND	ND	ND	50
Aroclor-1242	ND	ND	ND	50
Aroclor-1248	ND	ND	ND	50
Aroclor-1254	ND	ND	ND	50
Aroclor-1260	1.6	2.7	51	50
Aroclor-1262	ND	ND	ND	50
Aroclor-1268	ND	ND	ND	50

Comments: Precision data (%RPD) for this duplicate sample exceeds the QC limit.



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Results

December 23, 2009

Janis Tsang - OSRR02-2
US EPA New England, Region 1
John W. MacCormack Federal Building
5 Post Office Square
Boston, MA 02109 - 3912

Project Number: 09120011
Project: Marino Property - Middletown, CT
Analysis: Total Mercury in Soil
EPA Chemist: Janet Paquin
J.P. 1/4/10

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.
Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-INGMERC9.
Analysis was performed using a Leeman Labs PS200 II Automated Cold Vapor Atomic Absorption Spectrometer.
Results are reported on a dry weight basis.

Samples were prepared and analyzed by ESAT contractors working at the USEPA New England Laboratory.


Date Samples Received by the Laboratory: 12/07/2009

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,


Daniel N. Boudreau
Chemistry Team Leader

Data Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside acceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.
LRB	Laboratory Reagent Blank
RPD	Relative Percent Difference

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Total Mercury in Soil

Matrix: Soil

Sample Number	Lab ID	Collection Date	Digestion Date	Analysis Date	Concentration ug/g	RL ug/g	Qualifier
R01-090511JT-0117	AB00241	11/30/2009	12/20/2009	12/20/2009	0.37	0.024	J1
Comments:							
R01-090511JT-0126	AB00242	11/30/2009	12/20/2009	12/20/2009	0.061	0.025	
Comments:							
R01-090511JT-0131	AB00243	11/30/2009	12/20/2009	12/20/2009	0.11	0.025	
Comments:							
R01-090511JT-0133	AB00244	11/30/2009	12/20/2009	12/20/2009	0.17	0.024	
Comments:							
R01-090511JT-0149	AB00245	11/30/2009	12/20/2009	12/20/2009	ND	0.024	
Comments:							
R01-090511JT-0157	AB00246	11/30/2009	12/20/2009	12/20/2009	0.027	0.024	
Comments:							
R01-090511JT-0177	AB00250	12/1/2009	12/20/2009	12/20/2009	0.077	0.024	J3
Comments:							
R01-090511JT-0187	AB00253	12/1/2009	12/20/2009	12/20/2009	ND	0.024	
Comments:							
R01-090511JT-0193	AB00255	12/1/2009	12/20/2009	12/20/2009	0.30	0.025	
Comments:							
R01-090511JT-0205	AB00257	12/1/2009	12/20/2009	12/20/2009	0.24	0.024	
Comments:							
R01-090511JT-0217	AB00258	12/1/2009	12/20/2009	12/20/2009	0.079	0.025	
Comments:							

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Total Mercury in Soil

Matrix: Soil

Sample Number	Lab ID	Collection Date	Digestion Date	Analysis Date	Concentration ug/g	RL ug/g	Qualifier
R01-090511JT-0220	AB00260	12/1/2009	12/20/2009	12/20/2009	0.025	0.024	
Comments:							
R01-090511JT-0225	AB00261	12/2/2009	12/20/2009	12/20/2009	ND	0.025	
Comments:							
R01-090511JT-0229	AB00263	12/2/2009	12/20/2009	12/20/2009	0.29	0.024	
Comments:							
R01-090511JT-0236	AB00266	12/2/2009	12/20/2009	12/20/2009	0.087	0.025	
Comments:							
R01-090511JT-0239	AB00268	12/2/2009	12/20/2009	12/20/2009	0.94	0.025	
Comments:							
LRB			12/20/2009	12/20/2009	ND(ug/L)	0.20	
Comments:							

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

MATRIX SPIKE (MS) RESULTS

Marino Property - Middletown, CT

Sample ID: AB00241

PARAMETER	SPIKE ADDED ug/g	SAMPLE CONCENTRATION ug/g	MS CONCENTRATION ug/g	MS % REC	QC LIMITS (% REC)
Total Mercury in Soil	0.25	0.37	0.55	72.0	75 - 125

Comments:

LABORATORY DUPLICATE RESULTS

Marino Property - Middletown, CT

Sample ID: AB00250

PARAMETER	SAMPLE RESULT ug/g	SAMPLE DUPLICATE RESULT ug/g	PRECISION RPD %	QC LIMIT
Total Mercury in Soil	0.077	0.049	44	30

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

Marino Property - Middletown, CT

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Total Mercury in Soil	2.0	1.8	90	85 - 115

Comments:

Samples in Batch: AB00241, AB00242, AB00243, AB00244, AB00245, AB00246, AB00250, AB00253, AB00255,
AB00257, AB00258, AB00260, AB00261, AB00263, AB00266, AB00268

Solid Laboratory Control Sample (LCS) Results

Marino Property - Middletown, CT

PARAMETER	LCS RESULTS ug/g	CONTROL LIMITS ug/g
Total Mercury in Soil	4.7	3.69 - 6.61

Comments:



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

January 12, 2010

Janis Tsang - OSRR02-2
US EPA New England, Region 1
John W. McCormack Federal Building
5 Post Office Square
Boston, MA 02109 - 3912

Project Number: 09120011
Project: Marino Property - Middletown, CT
Analysis: TCLP Metals by ICP
EPA Chemist: Michael Dowling

MD 1/12/10

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region 1 SOP, EIA-INGICP7.SOP.

Samples were prepared following the EPA Region I SOP, EIA-INGTCLP2.SOP and EIA-INGMETALSPREP6.SOP.

Samples were analyzed by inductively coupled plasma spectrometry. Preparation and analysis SOP's are based on Methods 1311, 3010A and 6010B as stated in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd ed., Rev. 0,1 and 2, Final Update I, 7/92 and III, 12/96."

Date Samples Received by the Laboratory: 12/07/2009

Data were reviewed in accordance with the internal verification procedures described in the EPA New England OEME Chemistry QA Plan.

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340

Sincerely,

Daniel N. Boudreau 1/14/10
Daniel N. Boudreau
Chemistry Team Leader

Laboratory Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside acceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

Comments:

The laboratory reagent blank results for all analytes were nondetect (ND).

A Laboratory Control Sample (see below) was analyzed.

Samples were prepared and analyzed by ESAT contractors working at the USEPA New England Laboratory.

TCLP Metals in Soil Laboratory Control Sample
ERA Lot# D065-544 Catalog No. 544

<u>Analyte</u>	<u>Result (ug/L)</u>	<u>Acceptance Limits (ug/L)</u>
Arsenic	2260	1560-2660
Barium	1137	836-1550
Cadmium	1279	937-1440
Chromium	3713	2580-4460
Lead	2249	1130-2800
Selenium	1754	1270-2160
Silver	4689	2060-6420

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

TCLP Metals by ICP

Client Sample ID: R01-090511JT-0131

Lab Sample ID: AB00243

Date of Collection: 11/30/2009

Matrix: Soil

Date of Digestion: 12/17/2009

Final Volume: 50 mL

Date of Analysis: 12/29/2009

Digestate Dilution: 1

Volume Digested: 50 mL

pH: N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7440-38-2	Arsenic	ND	1000	
7440-39-3	Barium	701	30	
7440-43-9	Cadmium	ND	30	
7440-47-3	Chromium	ND	30	
7439-92-1	Lead	ND	200	
7782-49-2	Selenium	ND	500	
7440-22-4	Silver	ND	30	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

TCLP Metals by ICP

Client Sample ID: R01-090511JT-0177

Lab Sample ID: AB00250

Date of Collection: 12/1/2009

Matrix: Soil

Date of Digestion: 12/17/2009

Final Volume: 50 mL

Date of Analysis: 12/29/2009

Digestate Dilution: 1

Volume Digested: 50 mL

pH: N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7440-38-2	Arsenic	ND	1000	
7440-39-3	Barium	566	30	
7440-43-9	Cadmium	30	30	
7440-47-3	Chromium	ND	30	
7439-92-1	Lead	ND	200	
7782-49-2	Selenium	ND	500	
7440-22-4	Silver	ND	30	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

TCLP Metals by ICP

Client Sample ID: R01-090511JT-0239

Lab Sample ID: AB00268

Date of Collection: 12/2/2009

Matrix: Soil

Date of Digestion: 12/17/2009

Final Volume: 50 mL

Date of Analysis: 12/29/2009

Digestate Dilution: 1

Volume Digested: 50 mL

pH: N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7440-38-2	Arsenic	ND	1000	
7440-39-3	Barium	973	30	
7440-43-9	Cadmium	ND	30	
7440-47-3	Chromium	ND	30	
7439-92-1	Lead	ND	200	
7782-49-2	Selenium	ND	500	
7440-22-4	Silver	ND	30	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Extraction Blank for TCLP Metals by ICP

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix:	Aqueous
Date of Digestion:	12/17/2009	Final Volume:	N/A
Date of Analysis:	12/29/2009	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7440-38-2	Arsenic	ND	1000	
7440-39-3	Barium	ND	30	
7440-43-9	Cadmium	ND	30	
7440-47-3	Chromium	ND	30	
7439-92-1	Lead	ND	200	
7782-49-2	Selenium	ND	500	
7440-22-4	Silver	ND	30	

Comments: Extraction Fluid #1

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

METALS MATRIX SPIKE (MS) RESULTS

Sample ID: AB00268

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
Arsenic	5000	ND	5494	110	75 - 125
Barium	100000	973	98740	98	75 - 125
Cadmium	1000	ND	1114	111	75 - 125
Chromium	5000	ND	5275	106	75 - 125
Lead	5000	ND	5467	109	75 - 125
Selenium	1000	ND	1149	115	75 - 125
Silver	5000	ND	5227	105	75 - 125

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Sample ID: AB00250

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
Arsenic	ND	ND	NC	30
Barium	566	587	4	30
Cadmium	30.2	ND	NC	30
Chromium	ND	ND	NC	30
Lead	ND	ND	NC	30
Selenium	ND	ND	NC	30
Silver	ND	ND	NC	30

Comments:

The cadmium RPD could not be calculated since the sample duplicate result is nondetect (ND).

Laboratory Fortified Blank (LFB) Results

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Arsenic	5000	4896	98	85 - 115
Barium	100000	98760	99	85 - 115
Cadmium	1000	1009	101	85 - 115
Chromium	5000	5090	102	85 - 115
Lead	5000	5044	101	85 - 115
Selenium	1000	1014	101	85 - 115
Silver	5000	5159	103	85 - 115

Comments:

Samples in Batch: AB00243, AB00250, AB00268



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Results

December 31, 2009

Janis Tsang - OSRR02-2
US EPA New England, Region I
John W. MacCormack Federal Building
5 Post Office Square
Boston, MA 02109 - 3912

Project Number: 09120011
Project: Marino Property - Middletown, CT
Analysis: TCLP Mercury
EPA Chemist: Janet Paquin
JP 1/15/10

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis were done following the EPA Region I SOP's INGTCLP2.SOP and EIASOP-INGMERC9.

Samples were prepared and analyzed by ESAT contractors working at the USEPA New England Laboratory.

Date Samples Received by the Laboratory: 12/07/2009

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

Daniel N. Boudreau, Chemistry Laboratory Services Coordinator
617-918-8340

Signature: Daniel N. Boudreau 1/19/10

Data Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside acceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.
LRB	Laboratory Reagent Blank
RPD	Relative Percent Difference

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

TCLP Mercury

Matrix: Soil

Sample Number	Lab ID	Collection Date	Digestion Date	Analysis Date	Concentration ug/L	RL ug/L	Qualifier
R01-090511JT-0131	AB00243	11/30/2009	12/30/2009	12/31/2009	ND	0.2	

Comments:

R01-090511JT-0177	AB00250	12/1/2009	12/30/2009	12/31/2009	ND	0.2	
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Comments:

R01-090511JT-0239	AB00268	12/2/2009	12/30/2009	12/31/2009	ND	0.2	J1
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Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

MATRIX SPIKE (MS) RESULTS

MARINO PROPERTY

Sample ID: AB00268

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
TCLP Mercury	2.0	ND	1.4	70	75 - 125

Laboratoy Duplicate Results

MARINO PROPERTY

Sample ID: AB00250

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
TCLP Mercury	ND	ND	NC	20

Laboratory Control Sample (LCS) Results

MARINO PROPERTY

PARAMETER	LCS RESULT ug/L	CONTROL LIMITS ug/L
TCLP Mercury	376	244 - 1420

Laboratory Fortified Blank (LFB) Results

MARINO PROPERTY

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
TCLP Mercury	2.0	2.0	100	85 - 115

Samples in Batch: AB00243, AB00250, AB00268

Comments: The Lab Reagent Blank (LRB) and TCLP Extraction Fluid results are non detects.



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

January 06, 2010

Janis Tsang - OSRR02-2
US EPA New England, Region I
John W. MacCormack Federal Building
5 Post Office Square
Boston, MA 02109 - 3912

Project Number: 09120012
Project: Marino Property - Middletown, CT
Analysis: PCBs Medium Level in Soils and Sediments
Analyst: Paul Carroll

Carroll
1-6-10

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, PESTSOIL3.SOP.

The analysis was performed using high resolution capillary column chromatography on an Agilent 6890 Series gas chromatograph equipped with dual electron capture detectors. The 30 meter dual capillary column system consists of a J&W DB-5 and J&W DB-1701, both with 0.25mm ID and 0.25 micron film thickness.

The results are reported on a dry weight basis.

Date Samples Received by the Laboratory : 12/07/2009

Data were reviewed in accordance with the internal verification procedures described in the EPA New England OEME Chemistry QA Plan.

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 1/6/2010

Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:	RL	Reporting limit
	ND	Not Detected above Reporting limit
	NA	Not Applicable due to high sample dilutions or sample interferences
	J	Estimated value
	E	Estimated value exceeds the calibration range
	L	Estimated value is below the calibration range
	B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
	P	The confirmation value exceeded 35% difference and is less than 100%. The lower value is reported.
	C	The identification has been confirmed by GC/MS.
	R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0321
Date of Collection: 11/30/2009
Date of Extraction: 12/14/09
Date of Analysis: 12/22/09
Dry Weight Extracted: 5.26 grams
Wet Weight Extracted: 5.97 grams

Lab Sample ID: AB00277
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 88%
Extract Dilution: 2

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.19	
11104-28-2	Aroclor-1221	ND	0.19	
11141-16-5	Aroclor-1232	ND	0.19	
53469-21-9	Aroclor-1242	ND	0.19	
12672-29-6	Aroclor-1248	ND	0.19	
11097-69-1	Aroclor-1254	ND	0.19	
11096-82-5	Aroclor-1260	1.4	0.19	
11100-14-4	Aroclor-1262	ND	0.19	
37324-23-5	Aroclor-1268	ND	0.19	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	74	36 - 131
Decachlorobiphenyl	64	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0323

Lab Sample ID: AB00278

Date of Collection: 12/3/2009

Matrix: Soil

Date of Extraction: 12/14/09

Final Volume: 5 mL

Date of Analysis: 12/22/09

Percent Solids: 89%

Dry Weight Extracted: 5.62 grams

Extract Dilution: 20

Wet Weight Extracted: 6.30 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	1.80	
11104-28-2	Aroclor-1221	ND	1.80	
11141-16-5	Aroclor-1232	ND	1.80	
53469-21-9	Aroclor-1242	ND	1.80	
12672-29-6	Aroclor-1248	ND	1.80	
11097-69-1	Aroclor-1254	ND	1.80	
11096-82-5	Aroclor-1260	8.4	1.80	
11100-14-4	Aroclor-1262	ND	1.80	
37324-23-5	Aroclor-1268	ND	1.80	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	NA	36 - 131
Decachlorobiphenyl	NA	30 - 165

Comments: NA - Surrogate recovery could not be determined due to dilutions required to quantify the target analyte.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0325
Date of Collection: 12/3/2009
Date of Extraction: 12/14/09
Date of Analysis: 12/23/09
Dry Weight Extracted: 5.45 grams
Wet Weight Extracted: 6.25 grams

Lab Sample ID: AB00279
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 87%
Extract Dilution: 20

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	1.80	
11104-28-2	Aroclor-1221	ND	1.80	
11141-16-5	Aroclor-1232	ND	1.80	
53469-21-9	Aroclor-1242	ND	1.80	
12672-29-6	Aroclor-1248	ND	1.80	
11097-69-1	Aroclor-1254	ND	1.80	
11096-82-5	Aroclor-1260	13	1.80	
11100-14-4	Aroclor-1262	ND	1.80	
37324-23-5	Aroclor-1268	ND	1.80	

Surrogate Compounds

2,4,5,6-Tetrachloro-m-xylene
Decachlorobiphenyl

Recoveries (%)

NA
NA

QC Ranges

36 - 131
30 - 165

Comments: NA - Surrogate recovery could not be determined due to dilutions required to quantify the target analyte.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0326

Lab Sample ID: AB00280

Date of Collection: 12/3/2009

Matrix: Soil

Date of Extraction: 12/14/09

Final Volume: 5 mL

Date of Analysis: 12/23/09

Percent Solids: 93%

Dry Weight Extracted: 5.40 grams

Extract Dilution: 10

Wet Weight Extracted: 5.81 grams

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.93	
11104-28-2	Aroclor-1221	ND	0.93	
11141-16-5	Aroclor-1232	ND	0.93	
53469-21-9	Aroclor-1242	ND	0.93	
12672-29-6	Aroclor-1248	ND	0.93	
11097-69-1	Aroclor-1254	ND	0.93	
11096-82-5	Aroclor-1260	4.1	0.93	
11100-14-4	Aroclor-1262	ND	0.93	
37324-23-5	Aroclor-1268	ND	0.93	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	83	36 - 131
Decachlorobiphenyl	88	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

PCBs Medium Level in Soils and Sediments

Client Sample ID: R01-090511JT-0329
Date of Collection: 12/3/2009
Date of Extraction: 12/14/09
Date of Analysis: 12/23/09
Dry Weight Extracted: 5.59 grams
Wet Weight Extracted: 6.27 grams

Lab Sample ID: AB00281
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 89%
Extract Dilution: 20

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	1.80	
11104-28-2	Aroclor-1221	ND	1.80	
11141-16-5	Aroclor-1232	ND	1.80	
53469-21-9	Aroclor-1242	ND	1.80	
12672-29-6	Aroclor-1248	ND	1.80	
11097-69-1	Aroclor-1254	ND	1.80	
11096-82-5	Aroclor-1260	9.4	1.80	
11100-14-4	Aroclor-1262	ND	1.80	
37324-23-5	Aroclor-1268	ND	1.80	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	NA	36 - 131
Decachlorobiphenyl	NA	30 - 165

Comments: NA - Surrogate recovery could not be determined due to dilutions required to quantify the target analyte.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Laboratory Blank

Client Sample ID: N/A
Date of Collection: N/A
Date of Extraction: 12/14/09
Date of Analysis: 12/22/09
Dry Weight Extracted: 5.12 grams
Wet Weight Extracted: 5.12 grams

Lab Sample ID: N/A
Matrix: Soil
Final Volume: 5 mL
Percent Solids: 100%
Extract Dilution: 1

CAS Number	Compound	Concentration mg/Kg	RL mg/Kg	Qualifier
12674-11-2	Aroclor-1016	ND	0.10	
11104-28-2	Aroclor-1221	ND	0.10	
11141-16-5	Aroclor-1232	ND	0.10	
53469-21-9	Aroclor-1242	ND	0.10	
12672-29-6	Aroclor-1248	ND	0.10	
11097-69-1	Aroclor-1254	ND	0.10	
11096-82-5	Aroclor-1260	ND	0.10	
11100-14-4	Aroclor-1262	ND	0.10	
37324-23-5	Aroclor-1268	ND	0.10	

Surrogate Compounds	Recoveries (%)	QC Ranges
2,4,5,6-Tetrachloro-m-xylene	62	36 - 131
Decachlorobiphenyl	83	30 - 165

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

PCB MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Marino Property - Middletown, CT

Sample ID: AB00277

PARAMETER	SPIKE ADDED mg/Kg	SAMPLE CONCENTRATION mg/Kg	MS CONCENTRATION mg/Kg	MS % REC	QC LIMITS (% REC)
Aroclor-1016	0.54	ND	0.36	66.54	70 - 130
Aroclor-1260	0.54	1.4	1.8	73.94	53 - 130

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION mg/Kg	MSD % REC	RPD %	QC LIMITS RPD
Aroclor-1016	0.56	0.40	72.07	8	50
Aroclor-1260	0.56	1.8	72.07	3	50

Samples in Batch: AB00277, AB00278, AB00279, AB00280, AB00281

Comments: Matrix spike recovery for Aroclor 1016 was below the QC limit. Spike recovery for Aroclor 1260 was within specification.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY DUPLICATE RESULTS

Marino Property - Middletown, CT

Sample ID: AB00277

PARAMETER	SAMPLE RESULT mg/Kg	SAMPLE DUPLICATE RESULT mg/Kg	PRECISION RPD %	QC LIMITS
Aroclor-1016	ND	ND	ND	50
Aroclor-1221	ND	ND	ND	50
Aroclor-1232	ND	ND	ND	50
Aroclor-1242	ND	ND	ND	50
Aroclor-1248	ND	ND	ND	50
Aroclor-1254	ND	ND	ND	50
Aroclor-1260	1.4	1.2	15	50
Aroclor-1262	ND	ND	ND	50
Aroclor-1268	ND	ND	ND	50



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

February 18, 2010

Janis Tsang - OSRR02-2
US EPA New England, Region 1
John W. McCormack Federal Building
5 Post Office Square
Boston, MA 02109 - 3912

Project Number: 09120012
Project: Marino Property - Middletown, CT
Analysis: Metals in Soil Medium Level by ICP
EPA Chemist: Michael Dowling

MD 2/18/10

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGDVICP1.

Preparation and analysis SOP's are based on "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Revision 2, Final Update III, Methods 3050B and 6010B," respectively. Samples were analyzed using a Perkin Elmer 4300 Dual View Inductively Coupled Plasma - Optical Emission Spectrometer.

Date Samples Received by the Laboratory: 12/07/2009

Data were reviewed in accordance with the internal verification procedures described in the EPA New England OEME Chemistry QA Plan.

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340

Sincerely,

Daniel N. Boudreau 2/22/10

Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside acceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

Comments:

Samples were prepared and analyzed by ESAT contractors.

Sample results are reported in mg/Kg, dry weight units.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0248	Lab Sample ID:	AB00270
Date of Collection:	12/2/2009	Matrix:	Soil
Date of Digestion:	12/15/2009	Final Volume:	50 mL
Date of Analysis:	01/21/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	11000	12	
7440-36-0	Antimony	ND	2.2	J1
7440-38-2	Arsenic	ND	4.4	
7440-39-3	Barium	79	2.2	
7440-41-7	Beryllium	ND	5.5	
7440-43-9	Cadmium	ND	1.1	
7440-70-2	Calcium	9700	11	
7440-47-3	Chromium	23	2.2	
7440-48-4	Cobalt	9.6	6.7	
7440-50-8	Copper	62	5.6	J1
7439-89-6	Iron	30000	11	
7439-92-1	Lead	85	2.2	
7439-95-4	Magnesium	4200	11	
7439-96-5	Manganese	460	2.2	
7440-02-0	Nickel	18	2.2	
7782-49-2	Selenium	ND	2.2	
7440-22-4	Silver	ND	1.1	
7440-28-0	Thallium	ND	2.2	
7440-62-2	Vanadium	44	1.1	
7440-66-6	Zinc	140	2.2	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0265	Lab Sample ID:	AB00271
Date of Collection:	12/2/2009	Matrix:	Soil
Date of Digestion:	12/15/2009	Final Volume:	50 mL
Date of Analysis:	01/21/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	9200	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	ND	4.0	
7440-39-3	Barium	50	2.0	
7440-41-7	Beryllium	ND	3.4	
7440-43-9	Cadmium	ND	1.0	
7440-70-2	Calcium	4100	10	J3
7440-47-3	Chromium	15	2.0	
7440-48-4	Cobalt	6.9	6.0	
7440-50-8	Copper	25	5.0	
7439-89-6	Iron	15000	10	
7439-92-1	Lead	28	2.0	
7439-95-4	Magnesium	3400	10	
7439-96-5	Manganese	390	2.0	
7440-02-0	Nickel	11	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	36	1.0	
7440-66-6	Zinc	51	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0276	Lab Sample ID:	AB00272
Date of Collection:	12/2/2009	Matrix:	Soil
Date of Digestion:	12/15/2009	Final Volume:	50 mL
Date of Analysis:	01/21/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	11000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	ND	3.9	
7440-39-3	Barium	47	2.0	
7440-41-7	Beryllium	ND	4.7	
7440-43-9	Cadmium	ND	0.98	
7440-70-2	Calcium	9300	9.8	
7440-47-3	Chromium	13	2.0	
7440-48-4	Cobalt	8.5	5.9	
7440-50-8	Copper	33	4.9	
7439-89-6	Iron	19000	9.8	
7439-92-1	Lead	24	2.0	
7439-95-4	Magnesium	4200	9.8	
7439-96-5	Manganese	340	2.0	
7440-02-0	Nickel	13	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	0.98	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	55	0.98	
7440-66-6	Zinc	52	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0286	Lab Sample ID:	AB00273
Date of Collection:	12/2/2009	Matrix:	Soil
Date of Digestion:	12/15/2009	Final Volume:	50 mL
Date of Analysis:	01/21/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	10000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	ND	4.0	
7440-39-3	Barium	67	2.0	
7440-41-7	Beryllium	ND	4.6	
7440-43-9	Cadmium	ND	1.0	
7440-70-2	Calcium	14000	10	
7440-47-3	Chromium	19	2.0	
7440-48-4	Cobalt	8.2	6.0	
7440-50-8	Copper	35	5.0	
7439-89-6	Iron	21000	10	
7439-92-1	Lead	49	2.0	
7439-95-4	Magnesium	4500	10	
7439-96-5	Manganese	380	2.0	
7440-02-0	Nickel	13	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	44	1.0	
7440-66-6	Zinc	78	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0296	Lab Sample ID:	AB00274
Date of Collection:	12/3/2009	Matrix:	Soil
Date of Digestion:	12/15/2009	Final Volume:	50 mL
Date of Analysis:	01/21/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	15000	11	
7440-36-0	Antimony	ND	1.9	
7440-38-2	Arsenic	4.7	3.8	
7440-39-3	Barium	71	1.9	
7440-41-7	Beryllium	ND	3.8	
7440-43-9	Cadmium	ND	0.96	
7440-70-2	Calcium	3600	9.6	
7440-47-3	Chromium	18	1.9	
7440-48-4	Cobalt	8.2	5.8	
7440-50-8	Copper	27	4.8	
7439-89-6	Iron	20000	9.6	
7439-92-1	Lead	44	1.9	
7439-95-4	Magnesium	3800	9.6	
7439-96-5	Manganese	700	1.9	
7440-02-0	Nickel	13	1.9	
7782-49-2	Selenium	ND	1.9	
7440-22-4	Silver	ND	0.96	
7440-28-0	Thallium	ND	1.9	
7440-62-2	Vanadium	39	0.96	
7440-66-6	Zinc	71	1.9	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID:	R01-090511JT-0303	Lab Sample ID:	AB00275
Date of Collection:	12/2/2009	Matrix:	Soil
Date of Digestion:	12/15/2009	Final Volume:	50 mL
Date of Analysis:	01/21/2010	Digestate Dilution:	1
Volume Digested:	N/A	pH:	N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	17000	11	
7440-36-0	Antimony	ND	2.0	
7440-38-2	Arsenic	4.9	4.1	
7440-39-3	Barium	140	2.0	
7440-41-7	Beryllium	ND	4.3	
7440-43-9	Cadmium	ND	1.0	
7440-70-2	Calcium	24000	10	
7440-47-3	Chromium	24	2.0	
7440-48-4	Cobalt	8.6	6.1	
7440-50-8	Copper	30	5.1	
7439-89-6	Iron	20000	10	
7439-92-1	Lead	55	2.0	
7439-95-4	Magnesium	4700	10	
7439-96-5	Manganese	510	2.0	
7440-02-0	Nickel	15	2.0	
7782-49-2	Selenium	ND	2.0	
7440-22-4	Silver	ND	1.0	
7440-28-0	Thallium	ND	2.0	
7440-62-2	Vanadium	44	1.0	
7440-66-6	Zinc	100	2.0	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Metals in Soil Medium Level by ICP

Client Sample ID: R01-090511JT-0308
Date of Collection: 12/2/2009
Date of Digestion: 12/15/2009
Date of Analysis: 01/22/2010
Volume Digested: N/A

Lab Sample ID: AB00276
Matrix: Soil
Final Volume: 50 mL
Digestate Dilution: 1
pH: N/A

CAS Number	Parameter	Concentration mg/Kg	RL mg/Kg	Qualifier
7429-90-5	Aluminum	10000	11	
7440-36-0	Antimony	2.8	1.9	
7440-38-2	Arsenic	35	3.8	
7440-39-3	Barium	150	1.9	
7440-41-7	Beryllium	ND	2.8	
7440-43-9	Cadmium	1.3	0.96	
7440-70-2	Calcium	2800	9.6	
7440-47-3	Chromium	23	1.9	
7440-48-4	Cobalt	8.2	5.8	
7440-50-8	Copper	46	4.8	
7439-89-6	Iron	17000	9.6	
7439-92-1	Lead	260	1.9	
7439-95-4	Magnesium	3300	9.6	
7439-96-5	Manganese	370	1.9	
7440-02-0	Nickel	19	1.9	
7782-49-2	Selenium	ND	1.9	
7440-22-4	Silver	ND	0.96	
7440-28-0	Thallium	ND	1.9	
7440-62-2	Vanadium	49	0.96	
7440-66-6	Zinc	180	1.9	

Comments: The reporting limit for beryllium was raised due to negative interference.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Laboratory Reagent Blank

Client Sample ID: N/A
Date of Collection: N/A
Date of Digestion: 12/15/2009
Date of Analysis: 01/21/2010
Volume Digested: 50 mL

Lab Sample ID: N/A
Matrix: Water
Final Volume: 50 mL
Digestate Dilution: 1
pH: N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7429-90-5	Aluminum	ND	110	
7440-36-0	Antimony	ND	20	
7440-38-2	Arsenic	ND	40	
7440-39-3	Barium	ND	20	
7440-41-7	Beryllium	ND	8.0	
7440-43-9	Cadmium	ND	10	
7440-70-2	Calcium	ND	100	
7440-47-3	Chromium	ND	20	
7440-48-4	Cobalt	ND	60	
7440-50-8	Copper	ND	50	
7439-89-6	Iron	ND	100	
7439-92-1	Lead	ND	20	
7439-95-4	Magnesium	ND	100	
7439-96-5	Manganese	ND	20	
7440-02-0	Nickel	ND	20	
7782-49-2	Selenium	ND	20	
7440-22-4	Silver	ND	10	
7440-28-0	Thallium	ND	20	
7440-62-2	Vanadium	ND	10	
7440-66-6	Zinc	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

METALS MATRIX SPIKE (MS) RESULTS

Marino Property - Middletown, CT

Sample ID: AB00270

PARAMETER	SPIKE ADDED mg/Kg	SAMPLE CONCENTRATION mg/Kg	MS CONCENTRATION mg/Kg	MS % REC	QC LIMITS (% REC)
Antimony	109	ND	42.0	39	75 - 125
Arsenic	109	ND	110	101	75 - 125
Barium	109	79	198	109	75 - 125
Beryllium	43.6	ND	40.0	92	75 - 125
Cadmium	54.5	ND	52.8	97	75 - 125
Chromium	109	23	137	105	75 - 125
Cobalt	109	9.6	120	101	75 - 125
Copper	109	62	211	137	75 - 125
Lead	109	85	217	121	75 - 125
Manganese	109	460	631	R	75 - 125
Nickel	109	18	128	101	75 - 125
Selenium	109	ND	98.9	91	75 - 125
Silver	21.8	ND	22.1	101	75 - 125
Thallium	109	ND	104	95	75 - 125
Vanadium	109	44	162	108	75 - 125
Zinc	109	140	263	113	75 - 125

Comments:

Samples in Batch: AB00270, AB00271, AB00272, AB00273, AB00274, AB00275, AB00276

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Marino Property - Middletown, CT

Sample ID: AB00271

PARAMETER	SAMPLE RESULT mg/Kg	SAMPLE DUPLICATE RESULT mg/Kg	PRECISION RPD %	QC LIMITS
Aluminum	9200	9700	5	30
Antimony	ND	ND	NC	30
Arsenic	ND	ND	NC	30
Barium	50	50	0	30
Beryllium	ND	ND	NC	30
Cadmium	ND	ND	NC	30
Calcium	4100	5800	34	30
Chromium	15	13	14	30
Cobalt	6.9	7.1	3	30
Copper	25	26	4	30
Iron	15000	16000	7	30
Lead	28	35	22	30
Magnesium	3400	3600	6	30
Manganese	390	400	3	30
Nickel	11	11	0	30
Selenium	ND	ND	NC	30
Silver	ND	ND	NC	30
Thallium	ND	ND	NC	30
Vanadium	36	38	5	30
Zinc	51	53	4	30

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

Marino Property - Middletown, CT

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Aluminum	1000	1080	108	85 - 115
Antimony	1000	1010	101	85 - 115
Arsenic	1000	980	98	85 - 115
Barium	1000	1030	103	85 - 115
Beryllium	400	407	102	85 - 115
Cadmium	500	491	98	85 - 115
Calcium	10000	10400	104	85 - 115
Chromium	1000	1050	105	85 - 115
Cobalt	1000	1020	102	85 - 115
Copper	1000	1050	105	85 - 115
Iron	1000	1070	107	85 - 115
Lead	1000	1020	102	85 - 115
Magnesium	10000	10500	105	85 - 115
Manganese	1000	1040	104	85 - 115
Nickel	1000	1010	101	85 - 115
Selenium	1000	925	93	85 - 115
Silver	200	198	99	85 - 115
Thallium	1000	1020	102	85 - 115
Vanadium	1000	1080	108	85 - 115
Zinc	1000	993	99	85 - 115

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Solid Laboratory Control Sample (LCS) Results

Marino Property - Middletown, CT

PARAMETER	LCS RESULTS mg/Kg	CONTROL LIMITS mg/Kg
Aluminum	14400	5750 - 15400
Antimony	83.5	63.3 - 189
Arsenic	232	181 - 270
Barium	599	461 - 669
Beryllium	172	134 - 190
Cadmium	71.1	58.1 - 80.1
Calcium	11200	8310 - 11700
Chromium	140	101 - 147
Cobalt	128	95.6 - 135
Copper	78.1	53.9 - 79.5
Iron	20800	8930 - 26400
Lead	226	183 - 264
Magnesium	4910	3290 - 5230
Manganese	424	304 - 433
Nickel	188	140 - 204
Selenium	152	114 - 180
Silver	38.1	23.3 - 47.1
Thallium	185	140 - 205
Vanadium	111	72.1 - 116
Zinc	357	280 - 418

Comments:



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Results

December 22, 2009

Janis Tsang - OSRR02-2
US EPA New England, Region I
John W. MacCormack Federal Building
5 Post Office Square
Boston, MA 02109 - 3912

Project Number: 09120012
Project: Marino Property - Middletown, CT
Analysis: Total Mercury in Soil
EPA Chemist: Janet Paquin
JP 1/4/10

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.
Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-INGMERC9.
Analysis was performed using a Leeman Labs PS200 II Automated Cold Vapor Atomic Absorption Spectrometer.
Results are reported on a dry weight basis.

Samples were prepared and analyzed by ESAT contractors working at the USEPA New England Laboratory.


Date Samples Received by the Laboratory: 12/07/2009

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

 1/5/10
Daniel N. Boudreau
Chemistry Team Leader

Data Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside acceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.
LRB	Laboratory Reagent Blank
RPD	Relative Percent Difference

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Marino Property - Middletown, CT

Total Mercury in Soil

Matrix: Soil

Sample Number	Lab ID	Collection Date	Digestion Date	Analysis Date	Concentration ug/g	RL ug/g	Qualifier
R01-090511JT-0248	AB00270	12/2/2009	12/20/2009	12/20/2009	0.072	0.025	
Comments:							
R01-090511JT-0265	AB00271	12/2/2009	12/20/2009	12/20/2009	ND	0.024	
Comments:							
R01-090511JT-0276	AB00272	12/2/2009	12/20/2009	12/20/2009	ND	0.025	
Comments:							
R01-090511JT-0286	AB00273	12/2/2009	12/20/2009	12/20/2009	0.050	0.024	
Comments:							
R01-090511JT-0296	AB00274	12/3/2009	12/20/2009	12/20/2009	0.076	0.025	
Comments:							
R01-090511JT-0303	AB00275	12/2/2009	12/20/2009	12/20/2009	0.093	0.025	
Comments:							
R01-090511JT-0308	AB00276	12/2/2009	12/20/2009	12/20/2009	0.092	0.025	
Comments:							
LRB			12/20/2009	12/20/2009	ND(ug/L)	0.20	
Comments:							

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

MATRIX SPIKE (MS) RESULTS

Marino Property - Middletown, CT

Sample ID: AB00270

PARAMETER	SPIKE ADDED ug/g	SAMPLE CONCENTRATION ug/g	MS CONCENTRATION ug/g	MS % REC	QC LIMITS (% REC)
Total Mercury in Soil	0.25	0.072	0.37	119	75 - 125

Comments:

LABORATORY DUPLICATE RESULTS

Marino Property - Middletown, CT

Sample ID: AB00274

PARAMETER	SAMPLE RESULT ug/g	SAMPLE DUPLICATE RESULT ug/g	PRECISION RPD %	QC LIMIT
Total Mercury in Soil	0.076	0.073	4.0	30

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

Marino Property - Middletown, CT

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Total Mercury in Soil	2.0	1.9	95	85 - 115

Comments:

Samples in Batch: AB00270, AB00271, AB00272, AB00273, AB00274, AB00275, AB00276

Solid Laboratory Control Sample (LCS) Results

Marino Property - Middletown, CT

PARAMETER	LCS RESULTS ug/g	CONTROL LIMITS ug/g
Total Mercury in Soil	4.6	3.69 - 6.61

Comments:

Attachment E

Summary Tables

Table 1	Semivolatile Organic Compound Exceedances
Table 2	PCB (Aroclor 1260) Results
Table 3	Arsenic Results
Table 4	TCLP Summary

TABLE 1
SEMIVOLATILE ORGANIC COMPOUND EXCEEDANCES
OMO MANUFACTURING SITE
MIDDLETOWN, CT

Sample Location	SS-103	SS-104	SS-105	SS-107	SS-108	SS-109	SS-112	SS-115	SS-118	SS-120	SS-121	SS-126	SS-128	SS-129	SS-130
Compound															
Benzo(a)anthracene	1200	1100	4000	3600	14000	15000	3200	2200	1400	3200	1500	1200	1500	5600	2400 J
Benzo(b)fluoranthene	1600	1600	5900	3500	17000	14000	3600	3600	1800	3800	2400	1900	2000	8100	3300 J
Benzo(a)pyrene	1000 J	1000	4000	2200	12000	10000	2600	2000	1200	2700	1600	1400	1300	5800	2700 J
Bis(2-ethylhexyl)phthalate	350 J	170 J	220 J	10000	2500 J	660 J	790 J	140 J	670 J	6400	1900	12000	8200	7900	20000
Sample Location	SS-134	SS-135	SS-138	SS-141	SS-143	SS-146	SS-149	SS-150	SS-152	SS-156	SS-159	SS-160	SS-162	SS-164	SS-165
Compound															
Benzo(a)anthracene	980 J	2100 J	2500 J	13000	9600	1200 J	1200	1600 J	1800	860 J	3000	1200	1800	2700 J	ND
Benzo(b)fluoranthene	2400 J	3300 J	2900 J	13000	11000	2200 J	2000	3300 J	2200	1500 J	3900	1300	2700	4800 J	2400 J
Benzo(a)pyrene	1200 J	1700 J	2400 J	9400	7900	1400 J	1200	2100 J	1300	1100 J	2600	1100	1700	3200 J	1200 J
Bis(2-ethylhexyl)phthalate	17000	8800	470 J	1100	3100	1600 J	6100	3700 J	2900	1400 J	7900	770 J	92000	2800 J	20000
Sample Location	SS-167	SS-172	SS-175	SS-176	SS-181	SS-182	SS-183	SS-184	SS-194	SS-195	SS-206	SS-208	SS-221	SS-222	SS-223
Compound															
Benzo(a)anthracene	2000 J	18000	2400 J	1000 J	4100	4500	3600 J	1200	2300 J	2200	1100 J	850 J	2000	3500	10000
Benzo(b)fluoranthene	3200 J	25000	4100 J	1400 J	5100	4900	4900	1800	3300 J	3100	1700 J	1500 J	3400	5600	13000
Benzo(a)pyrene	2300 J	18000	2800 J	1100 J	3000	3200	2700 J	1000	2300 J	2100	1100 J	1000 J	2100	3600	8900
Bis(2-ethylhexyl)phthalate	540 J	2200	5600	1100 J	13000	6900	37000	190000	1100000	110000	3900 J	3500 J	2700	9100	3200
Sample Location	SS-224	SS-227	SS-231	SS-233	SS-234	SS-237	SS-242	SS-243	SS-244	SS-245	SS-248	SS-249	SS-250	SS-252	SS-255
Compound															
Benzo(a)anthracene	2100	6600	1700 J	1700	4400	2400	1100	6900	2000	4500	2400	4700	1800	1900	4100
Benzo(b)fluoranthene	3100	9300	2200 J	2400	5300	3700	1400	8000	2200	5500	2500	5100	2300	2700	4700
Benzo(a)pyrene	2000	5900	1700 J	1800	3700	2600	1000 J	6200	1500	3800	1800	4000	1600	1600	3200
Bis(2-ethylhexyl)phthalate	3000	9300	54000	56000	2800	2700	22000	9600	22000	850	890 J	1900	1200	300 J	11000
Sample Location	SS-258	SS-262	SS-269	SS-270	SS-273	SS-274	SS-276	SS-277	SS-280	SS-281	SS-289	SS-291	SS-294	SS-295	SS-297
Compound															
Benzo(a)anthracene	1200 J	6200	6400	930 J	1700 J	2100 J	1000 J	1200	1200 J	770 J	2100 J	1500	18000	4600	2200
Benzo(b)fluoranthene	1500 J	8800	9200	1900	2800 J	3500 J	2000	2400	1800	1300 J	3100	2200	23000	5800	2900
Benzo(a)pyrene	1200 J	5100	5600	1100	1800 J	2100 J	1300	1400	1200 J	720 J	2300 J	1600	16000	4800	2100
Bis(2-ethylhexyl)phthalate	1300 J	6900	1300	14000	330000	5500	12000	6100	5000	720000	6000	11000	6300	1900 J	270 J
Sample Location	SS-348	SS-354	SS-359	SS-363											
Compound															
Benzo(a)anthracene	4000	2400 J	1300 J	1100											
Benzo(b)fluoranthene	5500	4000	2500 J	1500											
Benzo(a)pyrene	3900	2800 J	1500 J	1100											
Bis(2-ethylhexyl)phthalate	5400	2300 J	6200	9400											

NOTES

All results are reported in micrograms per Kilogram (µg/Kg).

ND = Not Detected

J = Estimated Value

CT DEP RSR I/C DEC = Connecticut Department of Environmental Protection Remediation Standard Regulations, Industrial/Commercial Direct Exposure Criteria for soil.

A total of 213 samples were collected for laboratory analysis for SVOCs. Only samples containing SVOCs exceeding their respective CT DEP RSR I/C DEC (listed below) are included in this table.

Benzo(a)anthracene = 7,800 µg/Kg

Benzo(b)fluoranthene = 7,800 µg/Kg

Benzo(a)pyrene = 1,000 µg/Kg

Bis(2-ethylhexyl)phthalate = 410,000 µg/Kg

Bolded and shaded results indicate exceedance of CT DEP RSR I/C DEC.

TABLE 2
PCB (AROCOR 1260) RESULTS
OMO MANUFACTURING SITE
MIDDLETOWN,CT

Sample Location	Field Screening Result	CLP Laboratory Result	OEME Laboratory Result
AS-01	ND (0.2)	0.22	0.76
AS-02	0.5	0.51	NA
SS-100	1.1	2.9	NA
SS-101	0.3	0.45	NA
SS-102	1.2	3.7	1.6
SS-103	ND (0.2)	0.15	NA
SS-104	ND (0.2)	0.12	NA
SS-105	ND (0.2)	ND	NA
SS-106	ND (0.2)	0.092	NA
SS-107	0.3	0.45	NA
SS-108	ND (0.3)	ND	NA
SS-109	ND (0.2)	0.36	NA
SS-110	0.9	0.74	NA
SS-111	0.7	0.61	NA
SS-112	0.2	0.26	NA
SS-113	ND (0.2)	0.29	NA
SS-114	ND (0.2)	0.063	NA
SS-115	ND (0.2)	0.075	NA
SS-116	ND (0.2)	0.03	NA
SS-117	0.3	0.25	NA
SS-118	ND (0.2)	0.085	NA
SS-119	1.6	4.8	3.9
SS-120	1.2	2	NA
SS-121	0.3	0.33	NA
SS-122	ND (0.2)	0.094	NA
SS-123	ND (0.2)	0.11	NA
SS-124	ND (0.2)	0.11	NA
SS-125	ND (0.2)	0.15	NA
SS-126	0.4	0.46	NA
SS-127	0.5	0.81	NA
SS-128	0.2	0.48	NA
SS-129	0.5	0.46	NA
SS-130	0.6	1.3	NA
SS-131	0.3	0.086	NA
SS-132	2.1	0.5	NA
SS-133	0.5	1.1	NA
SS-134	0.6	0.95	NA
SS-135	0.7	0.68	NA
SS-136	0.6	0.29	NA
SS-137	0.7	0.5	NA
SS-138	ND (0.2)	0.35	NA
SS-139	0.4	0.28	NA
SS-140	0.1	0.098	NA
SS-141	ND (0.2)	0.29	NA
SS-142	1.2	2	NA
SS-143	4.1	2.5	NA
SS-144	0.4	0.083	NA
SS-145	ND (0.2)	0.016	NA
SS-146	2.1	1.6	NA
SS-147	0.2	0.36	NA
SS-148	4.6	4.3	NA
SS-149	5.3	1.7	5.3
SS-150	0.7	0.77	NA
SS-151	0.9	5	NA

TABLE 2
PCB (AROCOR 1260) RESULTS
OMO MANUFACTURING SITE
MIDDLETOWN,CT

Sample Location	Field Screening Result	CLP Laboratory Result	OEME Laboratory Result
SS-152	0.5	0.7	NA
SS-153	0.5	0.71	NA
SS-154	1.3	1.2	NA
SS-155	0.6	0.56	NA
SS-156	0.2	0.27	NA
SS-157	3.1	2.9	2.9
SS-158	1	1.4	NA
SS-159	5.5	6.6	6.9
SS-160	0.2	0.016	NA
SS-161	0.2	0.094	NA
SS-162	3.9	7.9	NA
SS-163	4.3	2.8	NA
SS-164	1.1	1.5	NA
SS-165	0.9	1.3	NA
SS-166	1	1.4	NA
SS-167	0.8	1.1	NA
SS-168	10	20	16
SS-169	6.5	11	NA
SS-170	1.2	1.9	NA
SS-171	1.6	1.8	NA
SS-172	1.6	1.1	NA
SS-173	29	46	41
SS-174	2.8	3.2	NA
SS-175	0.9	2.6	NA
SS-176	32	21	18
SS-177	1.7	1.9	NA
SS-178	1.7	1.7	NA
SS-179	24	38	NA
SS-180	4.4	1.1	NA
SS-181	2.4	2.8	NA
SS-182	0.4	1.6	NA
SS-183	5.2	5.6	NA
SS-184	16	18	NA
SS-185	13	8.5	NA
SS-186	1.4	1.3	NA
SS-187	1	0.83	NA
SS-188	5.9	4.3	NA
SS-189	0.8	1.3	NA
SS-190	1	1.3	NA
SS-191	3.5	6.4	6.1
SS-192	1.2	1.4	NA
SS-193	7.3	14	NA
SS-194	24	16	NA
SS-195	3.0	7.3	NA
SS-196	9.1	6.7	NA
SS-197	4.4	5.5	NA
SS-198	1.4	1.9	NA
SS-199	1.9	1.6	NA
SS-200	2.6	2.8	NA
SS-201	0.4	0.39	NA
SS-202	2.6	1.3	NA
SS-203	11	13	NA
SS-204	2.2	3.6	NA
SS-205	1.7	2.8	NA

TABLE 2
PCB (AROCOR 1260) RESULTS
OMO MANUFACTURING SITE
MIDDLETOWN,CT

Sample Location	Field Screening Result	CLP Laboratory Result	OEME Laboratory Result
SS-206	0.3	1.4	NA
SS-207	0.2	0.53	0.27
SS-208	0.4	0.87	NA
SS-209	7.4	2.5	NA
SS-210	2.2	3.3	NA
SS-211	0.4	0.74	NA
SS-212	ND (0.2)	0.13	NA
SS-213	ND (0.2)	0.25	0.14
SS-214	1	0.81	NA
SS-221	0.5	1	NA
SS-222	1	1.5	0.79
SS-223	1.5	2.1	NA
SS-224	0.5	1.2	NA
SS-225	8.6	6.8	6.7
SS-226	9.1	8.8	NA
SS-227	2.5	2.9	NA
SS-228	5.6	6.3	NA
SS-229	1.4	1.1	1.5
SS-230	9.8	8.7	11
SS-231	0.3	24	0.24
SS-232	0.2	0.039	NA
SS-233	1	1.7	NA
SS-234	ND (0.2)	0.62	NA
SS-235	ND (0.2)	0.017	NA
SS-236	4.5	9.9	NA
SS-237	1.4	1.3	NA
SS-238	ND (0.2)	0.72	NA
SS-239	4.9	4.9	NA
SS-240	8.3	12	NA
SS-241	ND (0.2)	0.057	NA
SS-242	1.2	1.2	NA
SS-243	7.4	19	NA
SS-244	1	1.8	NA
SS-245	ND (0.2)	0.25	NA
SS-246	2.6	24	NA
SS-247	0.7	1.6	NA
SS-248	0.4	0.37	NA
SS-249	ND (0.2)	0.42	NA
SS-250	ND (0.2)	0.26	NA
SS-251	0.4	0.45	NA
SS-252	ND (0.2)	ND	NA
SS-253	ND (0.2)	0.045	NA
SS-254	0.8	1.4	NA
SS-255	0.7	1.1	NA
SS-256	ND (0.2)	0.43	NA
SS-257	ND (0.2)	0.17	NA
SS-258	ND (0.2)	2.1	NA
SS-259	ND (0.2)	0.21	NA
SS-260	ND (0.2)	0.079	NA
SS-261	ND (0.2)	0.038	NA
SS-262	ND (0.2)	ND	NA
SS-263	ND (0.2)	0.085	NA
SS-264	ND (0.2)	0.082	NA
SS-265	0.9	1	NA

TABLE 2
PCB (AROCOR 1260) RESULTS
OMO MANUFACTURING SITE
MIDDLETOWN,CT

Sample Location	Field Screening Result	CLP Laboratory Result	OEME Laboratory Result
SS-266	ND (0.2)	0.18	NA
SS-267	1.1	1.1	NA
SS-268	0.7	0.5	NA
SS-269	ND (0.2)	0.78	NA
SS-270	1.1	1.6	NA
SS-271	0.3	0.28	NA
SS-272	0.3	0.37	NA
SS-273	6.2	11	NA
SS-274	1.9	3.1	NA
SS-275	4.6	12	NA
SS-276	1	1.3	NA
SS-277	2.4	4.6	NA
SS-278	1.9	3.4	NA
SS-279	14	13	NA
SS-280	2.5	3	NA
SS-281	188	270	NA
SS-282	4.9	23	NA
SS-283	21	35	NA
SS-284	2.6	2.2	NA
SS-285	1.5	1.1	NA
SS-286	0.8	1.4	NA
SS-287	2.8	3.9	NA
SS-288	0.6	0.86	0.82
SS-289	3.2	6.5	NA
SS-290	0.2	0.49	NA
SS-291	3.0	2.9	NA
SS-292	1.5	1.3	NA
SS-293	9.7	11	NA
SS-294	0.8	1.9	NA
SS-295	ND (0.2)	0.26	NA
SS-296	4	5.1	NA
SS-297	ND (0.2)	0.25	NA
SS-298	ND (0.2)	0.5	NA
SS-299	0.2	0.18	NA
SS-300	22	23	NA
SS-301	4.8	4.2	NA
SS-348	0.5	1.3	NA
SS-349	17	34	NA
SS-350	0.2	0.11	NA
SS-351	7.2	13	NA
SS-352	0.2	0.3	NA
SS-353	ND (0.2)	0.19	NA
SS-354	ND (0.2)	0.88	NA
SS-355	ND (0.2)	0.71	NA
SS-356	0.2	0.12	NA
SS-358	0.4	1.1	NA
SS-359	0.8	0.53	NA
SS-360	ND (0.2)	ND	NA
SS-361	ND (0.3)	0.16	NA
SS-362	1.5	1.8	1.4
SS-363	7.1	3	NA
SS-400	14	NA	8.4
SS-401	6.8	NA	NA
SS-402	17	NA	13

TABLE 2
PCB (AROCOR 1260) RESULTS
OMO MANUFACTURING SITE
MIDDLETOWN,CT

Sample Location	Field Screening Result	CLP Laboratory Result	OEME Laboratory Result
SS-403	5.2	NA	4.1
SS-404	5.6	NA	NA
SS-405	5.5	NA	NA
SS-406	11	NA	9.4
SS-407	1.4	NA	NA
SS-408	5.9	NA	NA
SS-409	0.4	NA	NA
SS-410	1.5	NA	NA
SS-411	0.6	NA	NA
SS-412	2.5	NA	NA

NOTES

All results are reported in parts per million (ppm).

NA = Not Analyzed

CLP = Contract Laboratory Program.

PCB = Polychlorinated Biphenyl.

OEME = EPA Region I Office of Environmental Measurement and Evaluation.

A total of 226 samples were collected and screened in the field for PCBs.

Of these, 213 samples were collected and analyzed for PCBs at the CLP laboratory;
and 23 samples were collected and analyzed for PCBs at the EPA OEME laboratory.

Aroclor-1260 was the only PCB-containing compound detected during the field and laboratory analyses.

CT DEP RSR I/C DEC = Connecticut Department of Environmental Protection
Remediation Standard Regulations, Industrial/Commercial Direct Exposure Criteria.

Shaded and bolded results indicate exceedances of CT DEP RSR I/C DEC of 10 ppm for total PCBs in soil.

Values in parentheses indicate the instrumentation reporting limit.

TABLE 3
ARSENIC RESULTS
OMO MANUFACTURING SITE
MIDDLETOWN, CT

Sample Location	Field Screening Result	CLP Laboratory Result	OEME Laboratory Result
AS-01	< 7	0.42	NA
AS-02	< 9	1.5	NA
SS-100	< 9	NA	NA
SS-101	< 12	NA	NA
SS-102	< 9	1.4	NA
SS-103	< 10	NA	NA
SS-104	< 9	NA	NA
SS-105	< 12	4.1	5
SS-106	< 8	NA	NA
SS-107	< 8	NA	NA
SS-108	< 11	3.2	NA
SS-109	< 9	NA	NA
SS-110	< 10	NA	NA
SS-111	< 9	2.5	NA
SS-112	< 9	3.4	NA
SS-113	< 10	2.9	NA
SS-114	< 12	2.8	ND
SS-115	< 7	NA	NA
SS-116	< 8	1.7	NA
SS-117	< 11	NA	NA
SS-118	< 9	1.9	NA
SS-119	< 23	NA	ND
SS-120	< 10	NA	NA
SS-121	< 13	3.9	5.2
SS-122	< 9	NA	NA
SS-123	15	2.8	NA
SS-124	< 11	3.2	NA
SS-125	< 8	1.7	NA
SS-126	< 9	NA	NA
SS-127	< 8	2.3	NA
SS-128	< 8	NA	NA
SS-129	< 8	NA	NA
SS-130	< 9	NA	NA
SS-131	< 8	NA	NA
SS-132	< 9	NA	NA
SS-133	< 8	1.2	NA
SS-134	< 9	1.6	NA
SS-135	< 9	NA	NA
SS-136	< 10	NA	NA
SS-137	< 8	NA	ND
SS-138	< 9	1.4	NA
SS-139	< 8	NA	NA
SS-140	< 9	3.5	NA
SS-141	< 9	2.2	NA
SS-142	< 12	1.7	NA
SS-143	< 13	NA	NA
SS-144	< 8	3	NA
SS-145	< 9	NA	4.2
SS-146	< 9	NA	NA
SS-147	< 9	NA	NA
SS-148	< 19	2.2	NA
SS-149	< 8	1.8	NA
SS-150	< 9	NA	NA
SS-151	< 8	0.9	NA

TABLE 3
ARSENIC RESULTS
OMO MANUFACTURING SITE
MIDDLETOWN, CT

Sample Location	Field Screening Result	CLP Laboratory Result	OEME Laboratory Result
SS-152	< 9	NA	NA
SS-153	< 10	NA	NA
SS-154	< 9	NA	NA
SS-155	< 11	NA	NA
SS-156	11	1.9	NA
SS-157	< 9	1	NA
SS-158	< 9	NA	NA
SS-159	18	2.5	NA
SS-160	14	2.1	NA
SS-161	< 9	2.6	NA
SS-162	< 19	6.4	NA
SS-163	< 12	1.3	NA
SS-164	< 9	NA	NA
SS-165	51	51.5	62
SS-166	< 10	NA	NA
SS-167	< 9	NA	NA
SS-168	< 9	1.7	NA
SS-169	< 11	NA	NA
SS-170	< 16	5	NA
SS-171	< 15	NA	NA
SS-172	< 10	NA	NA
SS-173	< 12	NA	NA
SS-174	< 11	3.6	NA
SS-175	< 9	1.5	ND
SS-176	< 9	NA	NA
SS-177	< 9	NA	NA
SS-178	< 15	2	NA
SS-179	< 13	2.3	NA
SS-180	< 15	3.4	NA
SS-181	< 12	NA	5.2
SS-182	< 10	3.5	NA
SS-183	< 13	NA	NA
SS-184	< 19	NA	NA
SS-185	< 11	1.6	NA
SS-186	< 11	NA	NA
SS-187	< 8	1.4	NA
SS-188	< 9	NA	NA
SS-189	< 8	2.5	NA
SS-190	< 8	NA	NA
SS-191	9	NA	NA
SS-192	< 4	NA	NA
SS-193	16	NA	ND
SS-194	< 20	3.7	NA
SS-195	< 15	6.6	NA
SS-196	< 13	NA	NA
SS-197	< 12	NA	NA
SS-198	< 9	NA	NA
SS-199	< 9	NA	NA
SS-200	< 9	1	NA
SS-201	< 9	NA	NA
SS-202	< 10	1.1	NA
SS-203	< 10	1.5	NA
SS-204	< 12	5.6	NA
SS-205	< 10	NA	ND

TABLE 3
ARSENIC RESULTS
OMO MANUFACTURING SITE
MIDDLETOWN, CT

Sample Location	Field Screening Result	CLP Laboratory Result	OEME Laboratory Result
SS-206	< 7	0.76	ND
SS-207	< 8	NA	NA
SS-208	< 8	NA	NA
SS-209	< 15	2.2	NA
SS-210	< 8	NA	NA
SS-211	< 9	NA	NA
SS-212	< 8	0.86	NA
SS-213	< 8	0.95	ND
SS-214	< 8	1.1	NA
SS-221	< 14	22.5	NA
SS-222	27	37.5	NA
SS-223	33	23.8	38
SS-224	< 14	NA	NA
SS-225	< 11	4.8	NA
SS-226	< 10	NA	NA
SS-227	< 10	3.9	NA
SS-228	< 10	NA	NA
SS-229	< 13	2.2	NA
SS-230	< 12	NA	5.6
SS-231	< 11	3.1	NA
SS-232	< 8	1.1	NA
SS-233	< 17	NA	6.5
SS-234	< 13	NA	NA
SS-235	< 7	NA	NA
SS-236	< 15	3.2	NA
SS-237	< 10	2.9	NA
SS-238	< 8	1.1	NA
SS-239	< 12	NA	NA
SS-240	< 12	2.2	NA
SS-241	< 8	0.63	NA
SS-242	< 11	3.6	ND
SS-243	11	NA	NA
SS-244	< 10	2.4	NA
SS-245	< 9	NA	NA
SS-246	< 10	NA	NA
SS-247	< 9	2.4	NA
SS-248	< 9	NA	NA
SS-249	< 8	2.6	NA
SS-250	< 10	NA	NA
SS-251	< 9	0.93	NA
SS-252	< 12	3.4	NA
SS-253	10	NA	NA
SS-254	< 9	2.8	NA
SS-255	< 9	NA	NA
SS-256	< 9	NA	NA
SS-257	< 10	6.7	NA
SS-258	< 13	NA	NA
SS-259	< 8	2	ND
SS-260	< 8	2.6	NA
SS-261	< 12	2.3	NA
SS-262	< 12	NA	NA
SS-263	< 11	2.3	NA
SS-264	10	NA	NA
SS-265	< 10	2.6	NA

TABLE 3
ARSENIC RESULTS
OMO MANUFACTURING SITE
MIDDLETOWN, CT

Sample Location	Field Screening Result	CLP Laboratory Result	OEME Laboratory Result
SS-266	< 9	NA	NA
SS-267	< 14	3.1	NA
SS-268	< 10	NA	NA
SS-269	< 10	3.2	NA
SS-270	< 9	2.2	ND
SS-271	< 10	NA	NA
SS-272	< 7	3.5	NA
SS-273	< 10	2.7	NA
SS-274	< 8	NA	NA
SS-275	< 10	2.6	NA
SS-276	< 8	2	NA
SS-277	< 9	2.3	NA
SS-278	< 9	1.4	NA
SS-279	< 10	NA	NA
SS-280	< 11	2.7	ND
SS-281	< 24	NA	NA
SS-282	< 10	4.9	NA
SS-283	< 10	NA	NA
SS-284	< 9	1.4	NA
SS-285	10	2.2	NA
SS-286	< 10	NA	NA
SS-287	< 9	2.1	NA
SS-288	< 12	1.2	NA
SS-289	< 10	NA	NA
SS-290	< 9	3.3	4.7
SS-291	< 9	NA	NA
SS-292	< 26	NA	NA
SS-293	< 14	NA	NA
SS-294	< 13	NA	NA
SS-295	< 9	NA	NA
SS-296	< 11	NA	NA
SS-297	< 10	NA	4.9
SS-298	< 9	NA	NA
SS-299	< 11	NA	NA
SS-300	< 12	NA	NA
SS-301	< 18	NA	NA
SS-348	34	36.7	35
SS-349	< 14	2.8	NA
SS-350	< 8	2.1	NA
SS-351	< 10	2.1	NA
SS-352	< 12	3.6	NA
SS-353	< 8	0.85	NA
SS-354	< 8	1.9	NA
SS-355	< 9	1.3	NA
SS-356	< 8	2.1	NA
SS-358	< 7	NA	NA
SS-359	< 9	NA	NA
SS-360	< 9	NA	NA
SS-361	< 9	NA	NA
SS-362	< 9	NA	NA
SS-363	< 17	NA	NA
SS-400	< 9	NA	NA
SS-401	< 8	NA	NA
SS-402	< 14	NA	NA

TABLE 3
ARSENIC RESULTS
OMO MANUFACTURING SITE
MIDDLETOWN, CT

Sample Location	Field Screening Result	CLP Laboratory Result	OEME Laboratory Result
SS-403	< 9	NA	NA
SS-404	< 11	NA	NA
SS-405	< 11	NA	NA
SS-406	< 10	NA	NA
SS-407	< 9	NA	NA
SS-408	< 11	NA	NA
SS-409	< 7	NA	NA
SS-410	< 9	NA	NA
SS-411	< 7	NA	NA
SS-412	< 8	NA	NA

NOTES

All results are reported in parts per million (ppm).

NA = Not Analyzed

ND = Not Detected

< = Less than

CLP = Contract Laboratory Program

OEME = EPA Region I Office of Environmental Measurement and Evaluation

A total of 226 samples were collected and screened in the field for metals.

Of these, 213 samples were collected and analyzed for metals at the CLP laboratory;
and 23 samples were collected and analyzed for metals at the EPA OEME laboratory.

CT DEP RSR I/C DEC = Connecticut Department of Environmental Protection
Remediation Standard Regulations, Industrial/Commercial Direct Exposure Criteria.

Arsenic was the only metal detected that exceeded its CT DEP RSR I/C DEC of 10 ppm
in field and laboratory analyses.

Shaded and bolded results indicate exceedances of CT DEP RSR I/C DEC of 10 ppm for arsenic in soil.

Because the field reporting limits for some of the samples are above the CT DEP RSR I/C DEC for arsenic
in soil (10 ppm), additional exceedances may exist.

TABLE 4
TCLP Summary
Omo Manufacturing Site
Middletown, CT

Sample ID	SS-119	SS-165	SS-233	CT DEP RSR PMC by TCLP for GB Areas (ppb)
START Scribe Sample ID No.	R01-090511JT-0131	R01-090511JT-0177	R01-090511JT-0239	
INORGANICS				
ARSENIC	ND	ND	ND	500
BARIUM	701	566	973	10,000
CADMIUM	ND	30	ND	50
CHROMIUM	ND	ND	ND	500
LEAD	ND	ND	ND	150
SELENIUM	ND	ND	ND	500
SILVER	ND	ND	ND	360
MERCURY	ND	ND	ND	20

NOTES:

Soil Concentrations are listed in parts per billion (ppb).

CT DEP = Connecticut Department of Environmental Protection.

RSR PMC = Remediation Standard Regulations, Pollution Mobility Criteria for GB Areas.

SCRIBE = US EPA Data Management Software.