TRIP REPORT

FOR

DELTA SHIPYARD REASSESSMENT
200 DEAN COURT
HOUMA, TERREBONNE PARISH, LOUISIANA

Prepared for

U.S. Environmental Protection Agency
Linda Carter, Project Officer
1445 Ross Avenue
Dallas, Texas 75202

Contract No. EP-W-06-042
TDD No. TO-0019-11-10-01
WESTON W.O. No. 20406.012.019.0680.01
NRC No. N/A
FPN N/A
CERCLIS ID LAD058475419
EPA SAM Brenda Nixon Cook
START-3 PTL Michelle Brown

Submitted by

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26 March 2013

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TRIP REPORT

PROJECT IDENTIFICATION

Date: 26 March 2013

To: Brenda Nixon Cook, Site Assessment Manager (SAM)
U.S. Environmental Protection Agency (EPA)
Region 6, Prevention and Response Branch

Through: Linda Carter, Project Officer (PO)
EPA Region 6, Program Management Branch

Through: Robert Beck, VP, P.E., Weston Solutions, Inc. (WESTON®)
EPA Region 6, Superfund Technical Assessment and Response Team (START-3)
Program Manager

From: Michelle Brown, WESTON
EPA Region 6, START-3 Project Team Leader

Subject: Trip Report: Delta Shipyard Reassessment
200 Dean Court, Houma, Terrebonne Parish, Louisiana
Contract No. EP-W-06-042
TDD No. TO-0019-11-10-01
W.O. No. 20406.012.019.0680.01
NRC No. N/A
FPN N/A
CERCLIS ID LAD058475419
Latitude/Longitude: 29.565818° North, 90.705141° West

Latitude and Longitude coordinates were measured from the center of Pit 2 surface impoundment and were determined using a scaled topographic map and ESRI ArcMap software.

SITE LOCATION AND DESRIPTION

The former Delta Shipyard is located at 200 Dean Court in southeastern Houma, Terrebonne Parish, Louisiana. The geographic coordinates of the site are Latitude 29.565818° North, Longitude 90.705141° West. The site can be reached by traveling south on U.S. Highway 90 from New Orleans to Houma. Turn east on Main Street, and travel approximately 0.75 miles to Grand Caillou Road. On Grand Caillou Road, travel approximately 2.2 miles to Industrial Boulevard. On Industrial Boulevard turn west and, after approximately 1.5 miles, turn south on

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Dean Court.

The site property once consisted of 165 acres and was home to 7 divisions of Delta Ironworks, including Delta Shipyard. In 1973, Delta Ironworks was merged into Chromalloy American Corporation of St. Louis, Missouri. Chromalloy maintained all 7 of the divisions until November 1980, when 5 of the divisions were sold to Delta Services Industries of Houma, Louisiana, including Delta Shipyard. Mr. Lynn Dean (of Dean Boats, Inc.) purchased 110 acres of the industrial park from Delta Services in 1986 including the property occupied by Delta Shipyard.

Delta Shipyard consisted of a cleaning and repair facility for small cargo boats, fishing boats, and oil barges. Before repair work could begin, the boats had to be certified vapor free by the U.S. Coast Guard. In order to accomplish this, the boats were first steam cleaned to remove oily wastes. Recovered oil that was still deemed usable was recovered and sold. Oily waste from the cleaning process was stored in several unlined earthen pits used as evaporation ponds. These pits were reportedly also used to dispose of oil field drilling material.

Currently, there are three open evaporation pits and two backfilled pit areas located on-site. The three open pits are uncovered and the contents exposed to the elements. The pits have no vegetation growing on them and have a crusty layer on the surface and their surrounding berms. The berms are not maintained, contain heavy vegetation, and appear to be insufficient to contain the contents of the pits during a rain event. The crusty layer on the pits is black and appears to be a dried oil/petroleum type waste. The two backfilled pit areas contain vegetation and trash and are differentiated from the surrounding land as mounds within a relatively flat topographic area.

For the purposes of this reassessment, the Delta Shipyard site (Site) will be defined as outlined in the HRS (Section 1.1, Definitions), as "[a]rea(s) where a hazardous substance has been deposited, stored, disposed, or placed, or has otherwise come to be located". The Site consists of the three open pits (Pits 1 through 3, also called impoundments), the two historical backfilled pits, and the surrounding area. This Site area is approximately 11 acres and entirely within an established wetland area.

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Facility Layout Maps are provided in Attachment A.

SUMMARY OF ACTIONS

On 31 May 2012, the U.S. Environmental Protection Agency Region 6, Prevention and Response Branch (EPA-PRB) tasked the Superfund Technical Assessment and Response Team (START-3) contractor, to perform Supplemental Sampling of the Delta Shipyard site (Attachment G). As part of this tasking, a Quality Assurance Sampling Plan (QASP) and a Health and Safety Plan (HASP) were prepared and approved by the EPA Site Assessment Manager (SAM) prior to site mobilization.

On 06 thorough 10 August 2012, START-3 collected: 16 surface water and 16 sediment samples (including duplicates of each matrix) from locations within Company Canal, Houma Navigation Canal, and Bayou La Carpe; 17 surface soil/sediment samples (including 1 duplicate) and 51 subsurface soil samples (including 3 duplicates) from overland flow pathways at the Delta Shipyard site; and 14 waste samples from various depths at the open pit sources at the Site. The background surface water and sediment samples were collected from locations upstream of the facility within Company Canal and from within upstream waterways entering the surface water pathway in order to establish whether a release of contaminants from the site could be established, as well as upgradient of the pits within the wetland.

The samples were collected according to the QASP approved by the EPA SAM. The surface water samples were collected from shallow depths by submerging the sample container into the water. The container's mouth was positioned so that it faced upstream, while the sampling personnel stood downstream so as not to stir up sediment that could potentially contaminate the sample. The sediment samples were collected with disposable plastic scoops and then transferred to an 8-ounce sample container. The samples were collected from 0 to 12 inches from below ground surface from locations within the waterways where sediments had accumulated such as near banks and bends in the waterways. Most soil samples were collected using a Geoprobe® subsurface coring device. The Geoprobe® cores were advanced to a depth of 8 feet below ground surface with samples collected at 0 to 12 inches, 1 to 2 feet, 2 to 4 feet, 4 to 6 feet, and 6 to 8 feet. A few of the soil samples collected were surface samples only and were

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collected from 0 to 12 inches using a plastic disposable scoop. Many of these soil samples, especially at the surface, could also be defined as sediments due to their high moisture content. . They were all collected within a defined wetland area. Once collected, surface water, sediment and soil sample bottles were placed on ice until shipping. Sampling activities were logged by START-3 in field logbooks. The sample locations are depicted on a figure presented in Attachment B.

The samples were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), pesticides, and polychlorinated bi-phenyls (PCBs) by the Contract Laboratory Program (CLP) Statement of Work (SOW) for Multi-Media, Multi-Concentration Organic Analysis, SOM01.2, and Target Analyte List (TAL) metals with mercury by CLP SOW Multi-Media, Multi-Concentration Inorganics Analysis, ISM01.3. The waste samples for all analyses, as well as surface water and sediment samples for TAL metals and mercury were submitted to the EPA Region 6 Environmental Services Branch Laboratory, located in Houston, Texas. The soil samples for TAL metals and mercury went to CLP Laboratory CHEMTECH located in Mountainside, New Jersey. Water, sediment and soil samples analyzed for VOCs, SVOCs, pesticides, and PCBs went to CLP Laboratory MITKEM located in Warwick, Rhode Island. All samples were shipped via Federal Express by overnight delivery and accompanied by a chain of custody.

Final analytical results were received from the laboratories between 7 September and 9 October 2012. A summary of analytical results are presented in Attachment C

START-3 has also included logbook documentation as Attachment D. EPA Region 6 Final Analytical Reports and CLP Final Analytical Reports are included as Attachments E and F.

1. LIST OF ATTACHMENTS

A. Site Area Map

B. Sample Location Maps

C. Summary of Analytical Results

D. START-3 Site Logbooks

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E. Region 6 Laboratory Final Analytical Report for Delta Shipyard

F. CLP Final Analytical Reports for Delta Shipyard

G. TDD No. TO-0019-10-11-01 and Amendments A through I

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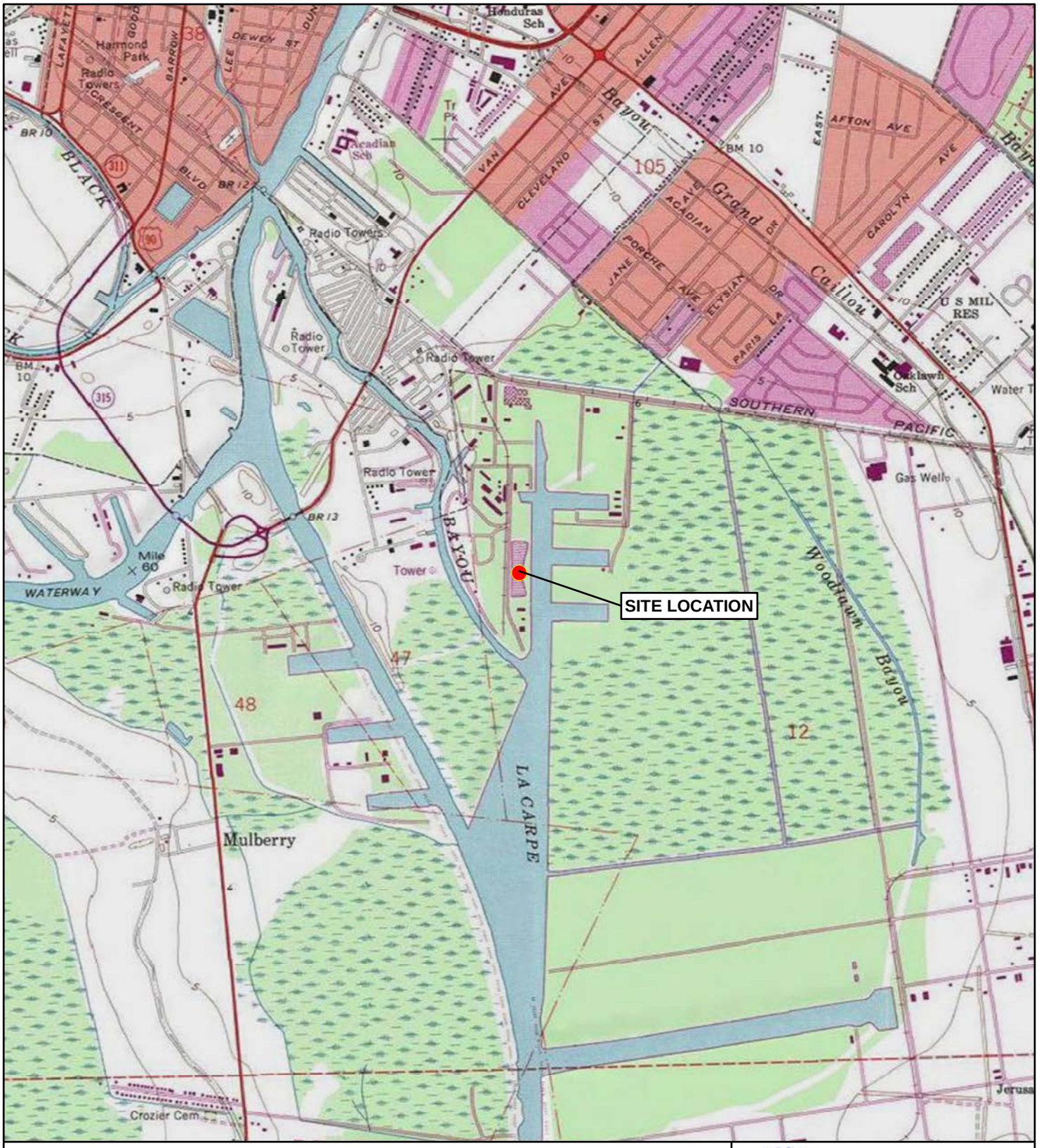
ATTACHMENT A

SITE AREA MAP



0 2,000 4,000

SCALE IN FEET

LEGEND

● SITE LOCATION

N

US EPA REGION 6
START-3

ATTACHMENT A
SITE AREA MAP
DELTA SHIPYARD REASSESSMENT
200 DEAN COURT, HOUMA
TERREBONNE PARISH, LOUISIANA

DATE	PROJECT NO	SCALE
MARCH, 2013	20406.012.019.0000.01	AS SHOWN

SOURCE: NATIONAL GEOGRAPHIC TOPO
TDD NO: TO-0019-11-10-01
CERCLIS NO: LAD058475419

130008

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ATTACHMENT B

SAMPLE LOCATION MAPS

LEGEND

HISTORICAL PITS

EXISTING EVAPORATION PITS

FINAL SAMPLE LOCATIONS

HRS & REMOVAL ASSESSMENT WASTE SAMPLE LOCATION

HRS & REMOVAL ASSESSMENT SOIL SAMPLE LOCATION

HRS ASSESSMENT SOIL SAMPLE LOCATION

REMOVAL ASSESSMENT SOIL SAMPLE LOCATION

N

0 120 240

Feet

TDD NO: TO-0019-11-10-01
CERCLIS NO: LAD058475419

Image Source:
(c) 2009 Microsoft Corporation and its data suppliers, 2011

US EPA REGION 6
START-3

FIGURE 3-1
FINAL SAMPLE MAP
SOIL LOCATIONS
DELTA SHIPYARD REASSESSMENT
200 DEAN COURT, HOUMA,
TERREBONNE PARISH, LOUISIANA

DATE	PROJECT NO	SCALE
SEPTEMBER, 2012	20406.012.049.0000.01	1:300010 AS SHOWN

LEGEND

- DELTA SURFACE WATER SAMPLE LOCATIONS
- EXISTING EVAPORATION PITS
- HISTORICAL PITS

N

0 1,200 2,400

Feet

TDD NO: TO-0019-11-10-01
CERCLIS NO: LAD058475419

Image Source:
(c) 2009 Microsoft Corporation and its data suppliers, 2011

US EPA REGION 6
START-3

ATTACHMENT B-2
SEDIMENT & SURFACE WATER
LOCATIONS SAMPLE MAP
DELTA SHIPYARD REASSESSMENT
200 DEAN COURT, HOUMA
TERREBONNE PARISH, LOUISIANA

DATE	PROJECT NO	SCALE
SEPTEMBER, 2012	20406.012.019.0600.01	AS SHOWN

1300011

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FILE: Y:\Projects\START1\DeltaShipyard\GIS\Maps\Attachment B-2 Final Sample Location Map Sediment-Water.mxd 1:31:10 PM 9/18/2012 sulaimat

LEGEND

- DELTA SURFACE WATER SAMPLE LOCATIONS
- EXISTING EVAPORATION PITS
- HISTORICAL PITS

WETLANDS

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

N

0 1,200 2,400

Feet

TDD NO: TO-0019-11-10-01
CERCLIS NO: LAD058475419

Image Source:
(c) 2009 Microsoft Corporation and its data suppliers, 2011
Wetland Source:
(c) U.S Fish and Wildlife Service

US EPA REGION 6
START-3

ATTACHMENT B-3
WETLANDS MAP
DELTA SHIPYARD REASSESSMENT
200 DEAN COURT, HOUMA
TERREBONNE PARISH, LOUISIANA

DATE	PROJECT NO	SCALE
SEPTEMBER, 2012	20406.012.003.0001	AS SHOWN

13000012

12:47:30 PM 9/18/2012

FILE: Y:\Projects\START\DeltaShipyard\GIS\Maps\Attachment B-3 Final Sample Location Map with Wetlands.mxd 12:47:30 PM 9/18/2012 sulaimat

ATTACHMENT C

SUMMARY OF ANALYTICAL RESULTS

Table 1A-Industrial
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-12-515 08/06/2012 Field Sample		DSE-05-12-515 08/08/2012 Field Sample		DSE-06-12-515 08/07/2012 Field Sample		DSE-07-12-515 08/06/2012 Field Sample		DSE-08-12-515 08/07/2012 Field Sample	
Metals																
Aluminum	mg/kg	24900	990000		3000000	--	**12900**		**7700**		**10600**		**13900**		**13200**	
Antimony	mg/kg	9	410	81.76	1200	--	**3.5**	**LJ-**	**9.1**	**J-**	**6.6**	**J-**	**5**	**LJ-**	**3.1**	**LJ-**
Arsenic	mg/kg	40.8	1.6	11.5	160	--	**28.7**		**20.7**		**24.5**	**J**	**38.9**		**14.5**	**J**
Barium	mg/kg	25140	190000	14308	570000	--	**5370**		**5430**		**12200**	**J**	**7750**		**12600**	**J**
Beryllium	mg/kg	2.58	2000	408.8	6000	--	**0.9**		**0.69**		**0.83**		**0.86**		**0.72**	
Cadmium	mg/kg	3.6	800	100.8685353	2400	--	**0.39**	**LJ**	**4.2**	**J+**	**3.5**		**0.7**		**1.1**	
Calcium	mg/kg	21390				--	**31100**		**12300**		**17700**	**J**	**36800**		**8530**	**J**
Chromium	mg/kg	277.8				--	**18.4**		**431**		**143**		**23.4**		**50.3**	
Cobalt	mg/kg	21.9	300	12264	910	--	**7**		**6**	**J**	**11.5**		**10.4**		**9.7**	
Copper	mg/kg	142.8	41000	8176	120000	--	**28.3**		**66.7**		**71.9**		**37**		**48.8**	
Iron	mg/kg	57600	720000		2100000	--	**19500**		**22300**		**25400**	**J**	**19600**		**23800**	**J**
Lead	mg/kg	633	800	1400	800	--	**159**	**J**	**791**		**518**		**154**	**J**	**153**	
Magnesium	mg/kg	11520				--	**4570**		**3100**		**3810**	**J**	**5200**		**4250**	**J**
Manganese	mg/kg	1524	23000			--	**243**		**525**		**565**	**J**	**293**		**346**	**J**
Mercury	mg/kg	0.81	43		130	--	**0.25**		**1.2**		**0.84**		**0.26**		**0.23**	
Nickel	mg/kg	85.2	20000	4088	59000	--	**25.4**		**25.7**	**J**	**32.7**		**31.3**		**29.8**	
Potassium	mg/kg	3660				--	**1930**		**1620**		**1680**		**2150**		**2150**	
Selenium	mg/kg	6.9	5100	1022	15000	--	**1.4**	**LJ**	**2.6**	**LJ**	**1.3**	**LJ**	**1.2**	**LJ**	**1.6**	**LJ**
Silver	mg/kg	2.04	5100	1022	15000	--	**0.36**	**LJ**	**3.6**		**2**		**0.37**	**LJ**	**0.69**	**LJ**
Sodium	mg/kg	957				--	**906**		**282**	**LJ**	**516**		**851**		**573**	
Vanadium	mg/kg	69.6		1430.8		--	**29.7**		**20.3**		**26.2**		**33**		**31.2**	
Zinc	mg/kg	978	310000	61320	920000	--	**116**	**J**	**770**		**686**	**J**	**193**	**J**	**291**	**J**
Organic																
2-Butanone	mg/kg	0.039	200000	4351.295519	590000	--	0.012	U	0.014	U	0.011	U	0.014	U	0.011	U
2-Methylnaphthalene	mg/kg	0.66	2200	165.2673834	6600	--	0.24	U	**0.2**	**LJ**	0.21	U	0.25	U	0.23	U
4,4'-DDT	mg/kg	0.0129	7	11.86672004	700	--	0.0045	U	0.0046	U	**0.0062**		0.0048	U	0.0044	U
Acenaphthylene	mg/kg	0.66		5140.530475		--	**0.41**		0.23	U	0.21	U	0.25	U	0.23	U
Acetone	mg/kg	0.0234	630000	1394.143988	1900000	--	0.012	U	0.014	U	0.011	U	0.014	U	0.011	U
Acetophenone	mg/kg	0.66	100000		310000	--	**0.34**		**0.13**	**LJ**	**0.059**	**LJ**	**0.077**	**LJ**	0.23	U
Anthracene	mg/kg	0.66	170000	47808.42095	500000	--	**0.12**	**LJ**	**0.1**	**LJ**	0.21	U	0.25	U	0.23	U
Aroclor-1260	mg/kg	0.066	0.74		74	--	0.045	U	**0.024**	**LJ**	0.041	U	0.047	U	**0.046**	**J**
Benzo(a)anthracene	mg/kg	0.237	2.1	2.868199367	210	--	**0.13**	**LJ**	0.23	U	**0.054**	**LJ**	**0.068**	**LJ**	0.23	U
Benzo(a)pyrene	mg/kg	0.24	0.21	0.33	21	--	**0.22**	**LJ**	**0.19**	**LJ**	**0.065**	**LJ**	**0.065**	**LJ**	0.23	UJv
Benzo(b)fluoranthene	mg/kg	0.3	2.1	2.868329304	210	--	**0.34**		0.23	U	**0.088**	**LJ**	**0.091**	**LJ**	**0.063**	**LJv**
Benzo(g,h,i)perylene	mg/kg	0.186				--	**0.39**		**0.26**		**0.13**	**LJ**	**0.083**	**LJ**	**0.056**	**LJv**
Benzo(k)fluoranthene	mg/kg	0.27	21	28.79427687	2100	--	**0.19**	**LJ**	0.23	U	**0.044**	**LJ**	**0.05**	**LJ**	**0.047**	**LJv**
Bis(2-ethylhexyl)phthalate	mg/kg	0.66	120	173.0325248	12000	--	0.24	U	0.23	UJv	**0.15**	**LJ**	0.25	U	**0.087**	**LJ**
Carbazole	mg/kg	0.66				--	0.24	U	0.23	U	0.21	U	0.25	U	0.23	U
Chrysene	mg/kg	0.3	210	285.5245365	21000	--	**0.18**	**LJ**	**0.074**	**LJ**	**0.088**	**LJ**	**0.069**	**LJ**	0.23	U

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Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-12-515 08/06/2012 Field Sample		DSE-05-12-515 08/08/2012 Field Sample		DSE-06-12-515 08/07/2012 Field Sample		DSE-07-12-515 08/06/2012 Field Sample		DSE-08-12-515 08/07/2012 Field Sample	
Dibenzo(a,h)anthracene	mg/kg	0.66	0.21	0.33	21	--	**0.075**	**LJ**	0.23	U	0.21	U	0.25	U	0.23	UJv
Di-n-butylphthalate	mg/kg	0.153	62000		180000	--	**0.051**	**LJ**	0.23	UJv	**0.07**	**LJ**	**0.054**	**LJ**	**0.078**	**LJ**
Endrin ketone	mg/kg	0.0129				--	0.0045	U	0.0046	U	0.0042	U	0.0048	U	0.0044	U
Fluoranthene	mg/kg	0.66	22000	2885.39429	66000	--	**0.14**	**LJ**	0.23	U	**0.12**	**LJ**	**0.14**	**LJ**	**0.056**	**LJ**
gamma-Chlordane	mg/kg	0.0066				--	0.0023	U	**0.0012**	**LJ**	0.0022	U	0.0025	U	0.0022	U
Heptachlor	mg/kg	0.0066	0.38	0.035422806	38	--	0.0023	U	0.0024	U	0.0022	U	0.0025	U	0.0022	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.153	2.1	2.882233474	210	--	**0.26**		**0.081**	**LJ**	**0.075**	**LJ**	**0.07**	**LJ**	0.23	UJv
Methyl acetate	mg/kg	0.0174	1000000		3100000	--	0.0061	U	0.007	U	0.0054	U	0.0068	U	0.0057	U
Methylene chloride	mg/kg	0.0174	960	44.33290307	9200	--	0.0061	U	0.007	U	0.0054	U	0.0068	U	0.0057	U
Naphthalene	mg/kg	0.66	18	42.59771533	1800	--	0.24	U	**0.085**	**LJ**	0.21	U	0.25	U	0.23	U
Phenanthrene	mg/kg	0.39		42533.41269		--	0.24	U	**0.057**	**LJ**	**0.057**	**LJ**	**0.066**	**LJ**	0.23	U
Phenol	mg/kg	0.66	180000	14532.1499	550000	--	**0.068**	**LJ**	0.23	U	0.21	U	0.25	U	0.23	U
Pyrene	mg/kg	0.42	17000	5606.69618	50000	--	**0.12**	**LJ**	0.23	U	**0.1**	**LJ**	**0.11**	**LJ**	**0.048**	**LJ**

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1A-Industrial
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-10-12-515 08/06/2012 Field Sample		DSE-11-12-515 08/09/2012 Field Sample		DSE-11-48-515 08/09/2012 Field Sample		DSE-11-72-515 08/09/2012 Field Sample		DSE-11-96-515 08/09/2012 Field Sample	
Metals																
Aluminum	mg/kg	24900	990000		3000000	--	**6720**		**8750**		**9550**		**8580**		**7700**	
Antimony	mg/kg	9	410	81.76	1200	--	**6.1**	J-	**1.8**	LJ-	**0.65**	LJ-	**0.73**	LJ-	**0.66**	LJ-
Arsenic	mg/kg	40.8	1.6	11.5	160	--	**18.3**		**10.4**		**7.7**		**7.3**		**6.3**	
Barium	mg/kg	25140	190000	14308	570000	--	**11400**		**6320**	J-	**852**	J-	**1470**	J-	**166**	J-
Beryllium	mg/kg	2.58	2000	408.8	6000	--	**0.49**	J+	**0.88**		**1**		**0.98**		**0.87**	
Cadmium	mg/kg	3.6	800	100.8685353	2400	--	**3.8**		**1.9**		0.65	U	**0.2**	LJ	**0.05**	LJ
Calcium	mg/kg	21390				--	**12100**		**7280**		**7420**		**6520**		**6580**	
Chromium	mg/kg	277.8				--	**40.7**		**27.8**		**15.1**		**13.5**		**10.8**	
Cobalt	mg/kg	21.9	300	12264	910	--	**4.9**		**8.1**		**7.7**		**6.7**		**9**	
Copper	mg/kg	142.8	41000	8176	120000	--	**54.5**		**41.1**	J	**22.5**	J	**22.8**	J	**19.3**	J
Iron	mg/kg	57600	720000		2100000	--	**15200**		**20900**		**18500**		**15500**		**16500**	
Lead	mg/kg	633	800	1400	800	--	**607**	J	**103**		**26.6**		**29.8**		**20.1**	
Magnesium	mg/kg	11520				--	**2790**		**3910**		**4410**		**4000**		**4210**	
Manganese	mg/kg	1524	23000			--	**389**		**555**	J	**176**	J	**293**	J	**203**	J
Mercury	mg/kg	0.81	43		130	--	**0.85**		**0.16**		**0.066**	LJ	**0.044**	LJ	**0.048**	LJ
Nickel	mg/kg	85.2	20000	4088	59000	--	**20**		**27.6**		**23.2**		**22.8**		**26.3**	
Potassium	mg/kg	3660				--	**961**		**1470**		**1550**		**1380**		**1110**	
Selenium	mg/kg	6.9	5100	1022	15000	--	**1.4**	LJ	**2.6**	LJ	**2.7**	LJ	**2.3**	LJ	**2.6**	LJ
Silver	mg/kg	2.04	5100	1022	15000	--	**2.5**		**0.2**	LJ	1.3	U	1.3	U	0.81	U
Sodium	mg/kg	957				--	**314**	LJ	**307**	LJ	**913**		**1120**		**1940**	
Vanadium	mg/kg	69.6		1430.8		--	**19.2**		**24.6**		**30**		**26.3**		**25.6**	
Zinc	mg/kg	978	310000	61320	920000	--	**628**	J	**302**	J-	**68.8**	J-	**76.1**	J-	**52.7**	J-
Organic																
2-Butanone	mg/kg	0.039	200000	4351.295519	590000	--	**0.021**		0.012	U	**0.019**	LJ	**0.016**	LJ	**0.054**	
2-Methylnaphthalene	mg/kg	0.66	2200	165.2673834	6600	--	0.25	U	**0.39**		0.3	U	0.34	U	0.31	U
4,4'-DDT	mg/kg	0.0129	7	11.86672004	700	--	0.0049	U	0.0045	U	0.0058	U	0.0067	U	0.0061	U
Acenaphthylene	mg/kg	0.66		5140.530475		--	0.25	U	0.23	U	0.3	U	0.34	U	0.31	U
Acetone	mg/kg	0.0234	630000	1394.143988	1900000	--	**0.076**		0.012	U	**0.072**		**0.081**		**0.19**	
Acetophenone	mg/kg	0.66	100000		310000	--	**0.1**	LJ	0.23	U	**0.14**	LJ	0.34	U	0.31	U
Anthracene	mg/kg	0.66	170000	47808.42095	500000	--	0.25	U	0.23	U	0.3	U	0.34	U	0.31	U
Aroclor-1260	mg/kg	0.066	0.74		74	--	0.049	UJv	0.046	U	0.058	U	0.067	U	0.06	U
Benzo(a)anthracene	mg/kg	0.237	2.1	2.868199367	210	--	0.25	U	**0.047**	LJ	0.3	UJv	0.34	U	0.31	U
Benzo(a)pyrene	mg/kg	0.24	0.21	0.33	21	--	0.25	U	**0.047**	LJ	0.3	UJv	0.34	U	0.31	U
Benzo(b)fluoranthene	mg/kg	0.3	2.1	2.868329304	210	--	0.25	U	**0.063**	LJ	0.3	UJv	0.34	U	0.31	U
Benzo(g,h,i)perylene	mg/kg	0.186				--	0.25	U	0.23	U	0.3	UJv	0.34	U	0.31	U
Benzo(k)fluoranthene	mg/kg	0.27	21	28.79427687	2100	--	0.25	U	0.23	U	0.3	UJv	0.34	U	0.31	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.66	120	173.0325248	12000	--	0.25	UJv	0.23	U	0.3	UJv	0.34	U	0.31	U
Carbazole	mg/kg	0.66				--	0.25	U	0.23	U	0.3	U	0.34	U	0.31	U
Chrysene	mg/kg	0.3	210	285.5245365	21000	--	0.25	U	**0.052**	LJ	0.3	UJv	0.34	U	0.31	U

Table 1A-Industrial
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-10-12-515 08/06/2012 Field Sample		DSE-11-12-515 08/09/2012 Field Sample		DSE-11-48-515 08/09/2012 Field Sample		DSE-11-72-515 08/09/2012 Field Sample		DSE-11-96-515 08/09/2012 Field Sample	
Dibenzo(a,h)anthracene	mg/kg	0.66	0.21	0.33	21	--	0.25	U	0.23	U	0.3	UJv	0.34	U	0.31	U
Di-n-butylphthalate	mg/kg	0.153	62000		180000	--	**0.092**	**LJv**	**0.059**	**LJ**	0.3	UJv	**0.097**	**LJ**	**0.069**	**LJ**
Endrin ketone	mg/kg	0.0129				--	0.0049	U	0.0045	U	0.0058	U	0.0067	U	0.0061	U
Fluoranthene	mg/kg	0.66	22000	2885.39429	66000	--	0.25	U	**0.11**	**LJ**	0.3	UJv	0.34	U	0.31	U
gamma-Chlordane	mg/kg	0.0066				--	0.0025	U	0.0023	U	0.003	U	0.0035	U	0.0031	U
Heptachlor	mg/kg	0.0066	0.38	0.035422806	38	--	0.0025	U	0.0023	U	0.003	U	0.0035	U	0.0031	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.153	2.1	2.882233474	210	--	0.25	U	0.23	U	0.3	UJv	0.34	U	0.31	U
Methyl acetate	mg/kg	0.0174	1000000		3100000	--	**0.008**		0.0061	U	0.0094	U	0.012	U	0.011	U
Methylene chloride	mg/kg	0.0174	960	44.33290307	9200	--	0.0072	U	0.0061	U	0.0094	U	0.012	U	0.011	U
Naphthalene	mg/kg	0.66	18	42.59771533	1800	--	0.25	U	**0.11**	**LJ**	0.3	U	0.34	U	0.31	U
Phenanthrene	mg/kg	0.39		42533.41269		--	0.25	U	**0.12**	**LJ**	0.3	U	0.34	U	0.31	U
Phenol	mg/kg	0.66	180000	14532.1499	550000	--	0.25	U	0.23	U	0.3	U	0.34	U	0.31	U
Pyrene	mg/kg	0.42	17000	5606.69618	50000	--	**0.061**	**LJ**	**0.089**	**LJ**	0.3	UJv	0.34	U	0.31	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1A-Industrial
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-13-12-515 08/07/2012 Field Sample		DSE-14-12-515 08/09/2012 Field Sample		DSE-16-12-515 08/07/2012 Field Sample		DSE-17-01-514 08/10/2012 Field Sample		DSE-18-01-514 08/10/2012 Field Sample	
Metals																
Aluminum	mg/kg	24900	990000		3000000	--	**17300**		**9860**		**15200**		**9020**	**W**	**11800**	**W**
Antimony	mg/kg	9	410	81.76	1200	--	**4.4**	**LJ-**	**1.2**	**LJ-**	**3.5**	**LJ-**	**2**	**WLJ-**	**2**	**WLJ-**
Arsenic	mg/kg	40.8	1.6	11.5	160	--	**35.2**		**13.8**		**24.3**	**J**	**8.1**	**W**	**14**	**W**
Barium	mg/kg	25140	190000	14308	570000	--	**11800**		**1750**	**J-**	**10600**	**J**	**7440**	**W**	**7170**	**W**
Beryllium	mg/kg	2.58	2000	408.8	6000	--	**1**		**1**		**0.9**		**0.79**	**W**	**0.97**	**W**
Cadmium	mg/kg	3.6	800	100.8685353	2400	--	**0.95**		**0.34**	**LJ**	**1.1**		**1.1**	**WJ+**	**1.3**	**WJ+**
Calcium	mg/kg	21390				--	**8220**		**11400**		**19600**	**J**	**9660**	**W**	**8270**	**W**
Chromium	mg/kg	277.8				--	**36.4**		**16.6**		**37.9**		**40.9**	**W**	**47.5**	**W**
Cobalt	mg/kg	21.9	300	12264	910	--	**13.4**		**12.4**		**12.3**		**5.4**	**WJ**	**6.9**	**WJ**
Copper	mg/kg	142.8	41000	8176	120000	--	**35.8**		**23.7**	**J**	**49.4**		**67.3**	**W**	**81.9**	**W**
Iron	mg/kg	57600	720000		2100000	--	**25300**		**24200**		**24900**	**J**	**34000**	**W**	**30900**	**W**
Lead	mg/kg	633	800	1400	800	--	**129**	**J**	**37**		**109**		**68.5**	**W**	**77.5**	**W**
Magnesium	mg/kg	11520				--	**5900**		**5330**		**5580**	**J**	**3950**	**W**	**4730**	**W**
Manganese	mg/kg	1524	23000			--	**936**		**668**	**J**	**594**	**J**	**406**	**W**	**304**	**W**
Mercury	mg/kg	0.81	43		130	--	**0.19**		**0.061**	**LJ**	**0.21**		**0.14**	**W**	**0.15**	**W**
Nickel	mg/kg	85.2	20000	4088	59000	--	**39.2**		**34.3**		**34.4**		**30.8**	**WJ**	**32.7**	**WJ**
Potassium	mg/kg	3660				--	**2830**		**1760**		**2430**		**1810**	**W**	**1860**	**W**
Selenium	mg/kg	6.9	5100	1022	15000	--	**1.7**	**LJ**	**2.7**	**LJ**	**1.5**	**LJ**	**3.7**	**W**	**3.8**	**W**
Silver	mg/kg	2.04	5100	1022	15000	--	**0.59**	**LJ**	0.96	U	**0.46**	**LJ**	**0.49**	**WLJ**	**0.4**	**WLJ**
Sodium	mg/kg	957				--	**405**	**LJ**	**206**	**LJ**	**698**		**1110**	**W**	**1470**	**W**
Vanadium	mg/kg	69.6		1430.8		--	**39.1**		**37.1**		**33.9**		**20.9**	**W**	**31.4**	**W**
Zinc	mg/kg	978	310000	61320	920000	--	**217**	**J**	**148**	**J-**	**375**	**J**	**280**	**W**	**453**	**W**
Organic																
2-Butanone	mg/kg	0.039	200000	4351.295519	590000	--	**0.063**		**0.0078**	**LJ**	**0.058**		**0.21**	**J**	**0.083**	**J**
2-Methylnaphthalene	mg/kg	0.66	2200	165.2673834	6600	--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
4,4'-DDT	mg/kg	0.0129	7	11.86672004	700	--	0.0048	U	0.0045	U	0.005	U	0.013	UJ	0.016	UJ
Acenaphthylene	mg/kg	0.66		5140.530475		--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Acetone	mg/kg	0.0234	630000	1394.143988	1900000	--	**0.067**		0.012	U	**0.06**		**0.4**	**J**	**0.17**	**J**
Acetophenone	mg/kg	0.66	100000		310000	--	0.24	U	0.23	U	0.25	U	0.67	UJ	**0.18**	**LJ**
Anthracene	mg/kg	0.66	170000	47808.42095	500000	--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Aroclor-1260	mg/kg	0.066	0.74		74	--	0.048	U	0.045	U	0.05	U	0.13	UJ	0.15	UJ
Benzo(a)anthracene	mg/kg	0.237	2.1	2.868199367	210	--	0.24	UJv	0.23	U	0.25	U	**0.37**	**LJ**	0.79	UJ
Benzo(a)pyrene	mg/kg	0.24	0.21	0.33	21	--	0.24	U	0.23	U	0.25	U	**0.21**	**LJ**	0.79	UJ
Benzo(b)fluoranthene	mg/kg	0.3	2.1	2.868329304	210	--	0.24	U	0.23	U	**0.098**	**LJ**	**0.71**	**J**	0.79	UJ
Benzo(g,h,i)perylene	mg/kg	0.186				--	0.24	U	0.23	U	**0.053**	**LJ**	**0.17**	**LJ**	0.79	UJ
Benzo(k)fluoranthene	mg/kg	0.27	21	28.79427687	2100	--	0.24	U	0.23	U	0.25	U	**0.45**	**LJ**	0.79	UJ
Bis(2-ethylhexyl)phthalate	mg/kg	0.66	120	173.0325248	12000	--	0.24	U	0.23	U	0.25	U	0.67	UJ	**0.35**	**LJ**
Carbazole	mg/kg	0.66				--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Chrysene	mg/kg	0.3	210	285.5245365	21000	--	0.24	UJv	0.23	U	**0.069**	**LJ**	**0.64**	**LJ**	0.79	UJ

Table 1A-Industrial
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-13-12-515 08/07/2012 Field Sample		DSE-14-12-515 08/09/2012 Field Sample		DSE-16-12-515 08/07/2012 Field Sample		DSE-17-01-514 08/10/2012 Field Sample		DSE-18-01-514 08/10/2012 Field Sample	
Dibenzo(a,h)anthracene	mg/kg	0.66	0.21	0.33	21	--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Di-n-butylphthalate	mg/kg	0.153	62000		180000	--	**0.059**	**LJ**	**0.054**	**LJ**	**0.05**	**LJ**	0.67	UJ	0.79	UJ
Endrin ketone	mg/kg	0.0129				--	0.0048	U	0.0045	U	0.005	U	**0.0069**	**LJ**	0.016	UJ
Fluoranthene	mg/kg	0.66	22000	2885.39429	66000	--	**0.068**	**LJv**	0.23	U	**0.076**	**LJ**	**0.71**	**J**	0.79	UJ
gamma-Chlordane	mg/kg	0.0066				--	0.0025	U	0.0023	U	0.0026	U	0.0067	UJ	0.008	UJ
Heptachlor	mg/kg	0.0066	0.38	0.035422806	38	--	0.0025	U	0.0023	U	0.0026	U	0.0067	UJ	0.008	UJ
Indeno(1,2,3-cd)pyrene	mg/kg	0.153	2.1	2.882233474	210	--	0.24	U	0.23	U	0.25	U	**0.19**	**LJ**	0.79	UJ
Methyl acetate	mg/kg	0.0174	1000000		3100000	--	0.0079	U	0.0061	U	0.0079	U	0.022	UJ	0.019	UJ
Methylene chloride	mg/kg	0.0174	960	44.33290307	9200	--	0.0079	U	0.0061	U	0.0079	U	0.022	UJ	0.019	UJ
Naphthalene	mg/kg	0.66	18	42.59771533	1800	--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Phenanthrene	mg/kg	0.39		42533.41269		--	**0.049**	**LJ**	**0.047**	**LJ**	0.25	U	0.67	UJ	0.79	UJ
Phenol	mg/kg	0.66	180000	14532.1499	550000	--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Pyrene	mg/kg	0.42	17000	5606.69618	50000	--	0.24	UJv	0.23	U	**0.094**	**LJ**	**0.84**	**J**	0.79	UJ

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
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Table 1A-Industrial
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-20-12-515 08/08/2012 Field Sample		DSE-21-12-515 08/09/2012 Field Sample		DSW-01-01-513 08/10/2012 Field Sample		DSW-01-01-523 08/10/2012 Field Duplicate		DSW-02-01-513 08/10/2012 Field Sample	
Metals																
Aluminum	mg/kg	24900	990000		3000000	--	**17100**		**8300**		**6290**		**6500**		**7580**	
Antimony	mg/kg	9	410	81.76	1200	--	**3.6**	LJ-	**3**	LJ-	**9.9**	J-	**5.1**	LJ-	**2**	LJ-
Arsenic	mg/kg	40.8	1.6	11.5	160	--	**31.7**	J	**13.6**		**25.4**		**23.9**		**12.9**	
Barium	mg/kg	25140	190000	14308	570000	--	**7660**	J	**8380**	J-	**13600**		**13300**		**8520**	
Beryllium	mg/kg	2.58	2000	408.8	6000	--	**0.93**		**0.86**		**0.66**		**0.62**		**0.69**	
Cadmium	mg/kg	3.6	800	100.8685353	2400	--	**0.69**		**1.2**		**5.2**	J+	**3.7**	J+	**1.7**	J+
Calcium	mg/kg	21390				--	**10200**	J	**7130**		**10600**		**10100**		**21600**	
Chromium	mg/kg	277.8				--	**23.6**		**92.6**		**94.8**		**86.5**		**31.5**	
Cobalt	mg/kg	21.9	300	12264	910	--	**12.6**		**7.3**		**3.2**	LJ	**3**	LJ	**5.8**	J
Copper	mg/kg	142.8	41000	8176	120000	--	**28.1**		**47.6**	J	**95.1**		**85**		**41.7**	
Iron	mg/kg	57600	720000		2100000	--	**23600**	J	**19200**		**25600**		**19400**		**17600**	
Lead	mg/kg	633	800	1400	800	--	**78.4**		**211**		**429**		**376**		**135**	
Magnesium	mg/kg	11520				--	**5540**	J	**3840**		**2650**		**2610**		**3690**	
Manganese	mg/kg	1524	23000			--	**340**	J	**508**	J	**595**		**539**		**704**	
Mercury	mg/kg	0.81	43		130	--	**0.17**		**0.27**		**0.54**		**0.55**		**0.28**	
Nickel	mg/kg	85.2	20000	4088	59000	--	**33.4**		**28.4**		**22.9**	J	**22.2**	J	**24.2**	J
Potassium	mg/kg	3660				--	**2910**		**1220**		**1120**		**1320**		**1630**	
Selenium	mg/kg	6.9	5100	1022	15000	--	**1.3**	LJ	**2.3**	LJ	**3.1**	LJ	**2.6**	LJ	**2.1**	LJ
Silver	mg/kg	2.04	5100	1022	15000	--	**0.2**	LJ	**0.68**	LJ	**2.2**		**1.8**		**0.62**	LJ
Sodium	mg/kg	957				--	**318**	LJ	**319**	LJ	**198**	LJ	**176**	LJ	**241**	LJ
Vanadium	mg/kg	69.6		1430.8		--	**37**		**23.2**		**18.8**		**19.6**		**20.3**	
Zinc	mg/kg	978	310000	61320	920000	--	**153**	J	**326**	J-	**750**		**660**		**364**	
Organic																
2-Butanone	mg/kg	0.039	200000	4351.295519	590000	--	0.014	U	**0.013**		**0.034**		**0.05**		**0.041**	
2-Methylnaphthalene	mg/kg	0.66	2200	165.2673834	6600	--	0.23	U	0.22	U	0.26	U	0.25	U	0.25	U
4,4'-DDT	mg/kg	0.0129	7	11.86672004	700	--	0.0044	U	0.0043	U	0.005	UJv	**0.0045**	LJv	0.0048	U
Acenaphthylene	mg/kg	0.66		5140.530475		--	0.23	U	0.22	U	**0.058**	LJ	**0.054**	LJ	0.25	U
Acetone	mg/kg	0.0234	630000	1394.143988	1900000	--	0.014	U	**0.0078**	LJ	**0.021**		**0.033**		**0.026**	
Acetophenone	mg/kg	0.66	100000		310000	--	0.23	U	0.22	U	0.26	U	0.25	U	0.25	U
Anthracene	mg/kg	0.66	170000	47808.42095	500000	--	**0.082**	LJ	0.22	U	**0.063**	LJ	**0.069**	LJ	0.25	U
Aroclor-1260	mg/kg	0.066	0.74		74	--	0.044	U	**0.022**	LJ	**0.037**	LJ	**0.054**	J	**0.049**	J
Benzo(a)anthracene	mg/kg	0.237	2.1	2.868199367	210	--	**0.15**	LJ	**0.079**	LJ	**0.098**	LJ	**0.13**	LJ	0.25	U
Benzo(a)pyrene	mg/kg	0.24	0.21	0.33	21	--	**0.1**	LJ	**0.08**	LJ	**0.12**	LJ	**0.14**	LJ	**0.05**	LJ
Benzo(b)fluoranthene	mg/kg	0.3	2.1	2.868329304	210	--	**0.19**	LJ	**0.1**	LJ	**0.24**	LJ	**0.27**		**0.061**	LJ
Benzo(g,h,i)perylene	mg/kg	0.186				--	**0.095**	LJ	**0.062**	LJ	**0.13**	LJ	**0.2**	LJ	**0.052**	LJ
Benzo(k)fluoranthene	mg/kg	0.27	21	28.79427687	2100	--	**0.14**	LJ	**0.09**	LJ	**0.094**	LJ	**0.15**	LJ	**0.066**	LJ
Bis(2-ethylhexyl)phthalate	mg/kg	0.66	120	173.0325248	12000	--	**0.096**	LJ	0.22	U	**0.1**	LJ	0.25	U	0.25	UJv
Carbazole	mg/kg	0.66				--	**0.049**	LJ	0.22	U	0.26	U	0.25	U	0.25	U
Chrysene	mg/kg	0.3	210	285.5245365	21000	--	**0.16**	LJ	**0.1**	LJ	**0.14**	LJ	**0.2**	LJ	**0.063**	LJ

Table 1A-Industrial
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-20-12-515 08/08/2012 Field Sample		DSE-21-12-515 08/09/2012 Field Sample		DSW-01-01-513 08/10/2012 Field Sample		DSW-01-01-523 08/10/2012 Field Duplicate		DSW-02-01-513 08/10/2012 Field Sample	
Dibenzo(a,h)anthracene	mg/kg	0.66	0.21	0.33	21	--	0.23	U	0.22	U	0.26	U	0.25	U	0.25	U
Di-n-butylphthalate	mg/kg	0.153	62000		180000	--	**0.074**	**UJ**	**0.051**	**UJ**	0.26	U	0.25	U	0.25	UJv
Endrin ketone	mg/kg	0.0129				--	0.0044	U	0.0043	U	0.005	UJv	0.0049	UJv	0.0048	U
Fluoranthene	mg/kg	0.66	22000	2885.39429	66000	--	**0.29**		**0.22**	**UJ**	**0.13**	**UJ**	**0.23**	**UJ**	**0.095**	**UJ**
gamma-Chlordane	mg/kg	0.0066				--	0.0023	U	0.0022	U	0.0026	UJv	0.0025	UJv	0.0025	U
Heptachlor	mg/kg	0.0066	0.38	0.035422806	38	--	0.0023	U	0.0022	U	**0.0013**	**UJv**	0.0025	UJv	0.0025	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.153	2.1	2.882233474	210	--	**0.083**	**UJ**	**0.051**	**UJ**	**0.099**	**UJ**	**0.14**	**UJ**	0.25	U
Methyl acetate	mg/kg	0.0174	1000000		3100000	--	0.0068	U	0.0058	U	0.008	U	0.01	U	0.0069	U
Methylene chloride	mg/kg	0.0174	960	44.33290307	9200	--	0.0068	U	0.0058	U	**0.0048**	**UJ**	0.01	U	**0.0034**	**UJ**
Naphthalene	mg/kg	0.66	18	42.59771533	1800	--	0.23	U	0.22	U	0.26	U	0.25	U	0.25	U
Phenanthrene	mg/kg	0.39		42533.41269		--	**0.31**		**0.13**	**UJ**	**0.053**	**UJ**	**0.075**	**UJ**	**0.053**	**UJ**
Phenol	mg/kg	0.66	180000	14532.1499	550000	--	0.23	U	0.22	U	0.26	U	0.25	U	0.25	U
Pyrene	mg/kg	0.42	17000	5606.69618	50000	--	**0.26**		**0.14**	**UJ**	**0.16**	**UJ**	**0.27**		**0.093**	**UJ**

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1A-Residential
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-04-12-515 08/06/2012 Field Sample		DSE-05-12-515 08/08/2012 Field Sample		DSE-06-12-515 08/07/2012 Field Sample		DSE-07-12-515 08/06/2012 Field Sample		DSE-08-12-515 08/07/2012 Field Sample	
Metals																
Aluminum	mg/kg	24900	77000		230000	--	**12900**		**7700**		**10600**		**13900**		**13200**	
Antimony	mg/kg	9	31	3.128571429	94	--	**3.5**	**LJ-**	**9.1**	**J-**	**6.6**	**J-**	**5**	**LJ-**	**3.1**	**LJ-**
Arsenic	mg/kg	40.8	0.39	11.5	39	--	**28.7**		**20.7**		**24.5**	**J**	**38.9**		**14.5**	**J**
Barium	mg/kg	25140	15000	547.5	46000	--	**5370**		**5430**		**12200**	**J**	**7750**		**12600**	**J**
Beryllium	mg/kg	2.58	160	15.64285714	470	--	**0.9**		**0.69**		**0.83**		**0.86**		**0.72**	
Cadmium	mg/kg	3.6	70	3.89979486	210	--	**0.39**	**LJ**	**4.2**	**J+**	**3.5**		**0.7**		**1.1**	
Calcium	mg/kg	21390				--	**31100**		**12300**		**17700**	**J**	**36800**		**8530**	**J**
Chromium	mg/kg	277.8				--	**18.4**		**431**		**143**		**23.4**		**50.3**	
Cobalt	mg/kg	21.9	23	469.2857143	70	--	**7**		**6**	**J**	**11.5**		**10.4**		**9.7**	
Copper	mg/kg	142.8	3100	312.8571429	9400	--	**28.3**		**66.7**		**71.9**		**37**		**48.8**	
Iron	mg/kg	57600	55000		160000	--	**19500**		**22300**		**25400**	**J**	**19600**		**23800**	**J**
Lead	mg/kg	633	400	400	400	--	**159**	**J**	**791**		**518**		**154**	**J**	**153**	
Magnesium	mg/kg	11520				--	**4570**		**3100**		**3810**	**J**	**5200**		**4250**	**J**
Manganese	mg/kg	1524	1800			--	**243**		**525**		**565**	**J**	**293**		**346**	**J**
Mercury	mg/kg	0.81	10		30	--	**0.25**		**1.2**		**0.84**		**0.26**		**0.23**	
Nickel	mg/kg	85.2	1500	156.4285714	4600	--	**25.4**		**25.7**	**J**	**32.7**		**31.3**		**29.8**	
Potassium	mg/kg	3660				--	**1930**		**1620**		**1680**		**2150**		**2150**	
Selenium	mg/kg	6.9	390	39.10714286	1200	--	**1.4**	**UJ**	**2.6**	**UJ**	**1.3**	**UJ**	**1.2**	**UJ**	**1.6**	**UJ**
Silver	mg/kg	2.04	390	39.10714286	1200	--	**0.36**	**UJ**	**3.6**		**2**		**0.37**	**UJ**	**0.69**	**UJ**
Sodium	mg/kg	957				--	**906**		**282**	**UJ**	**516**		**851**		**573**	
Vanadium	mg/kg	69.6		54.75		--	**29.7**		**20.3**		**26.2**		**33**		**31.2**	
Zinc	mg/kg	978	23000	2346.428571	70000	--	**116**	**J**	**770**		**686**	**J**	**193**	**J**	**291**	**J**
Organic																
2-Butanone	mg/kg	0.039	28000	590.9671771	84000	--	0.012	U	0.014	U	0.011	U	0.014	U	0.011	U
2-Methylnaphthalene	mg/kg	0.66	230	22.15593188	690	--	0.24	U	**0.2**	**UJ**	0.21	U	0.25	U	0.23	U
4,4'-DDT	mg/kg	0.0129	1.7	1.712656495	110	--	0.0045	U	0.0046	U	**0.0062**		0.0048	U	0.0044	U
Acenaphthylene	mg/kg	0.66		346.6387731		--	**0.41**		0.23	U	0.21	U	0.25	U	0.23	U
Acetone	mg/kg	0.0234	61000	174.2704067	180000	--	0.012	U	0.014	U	0.011	U	0.014	U	0.011	U
Acetophenone	mg/kg	0.66	7800		23000	--	**0.34**		**0.13**	**UJ**	**0.059**	**UJ**	**0.077**	**UJ**	0.23	U
Anthracene	mg/kg	0.66	17000	2188.505596	52000	--	**0.12**	**UJ**	**0.1**	**UJ**	0.21	U	0.25	U	0.23	U
Aroclor-1260	mg/kg	0.066	0.22		22	--	0.045	U	**0.024**	**UJ**	0.041	U	0.047	U	**0.046**	**J**
Benzo(a)anthracene	mg/kg	0.237	0.15	0.620205398	15	--	**0.13**	**UJ**	0.23	U	**0.054**	**UJ**	**0.068**	**UJ**	0.23	U
Benzo(a)pyrene	mg/kg	0.24	0.015	0.33	1.5	--	**0.22**	**UJ**	**0.19**	**UJ**	**0.065**	**UJ**	**0.065**	**UJ**	0.23	UJv
Benzo(b)fluoranthene	mg/kg	0.3	0.15	0.620217342	15	--	**0.34**		0.23	U	**0.088**	**UJ**	**0.091**	**UJ**	**0.063**	**UJv**
Benzo(g,h,i)perylene	mg/kg	0.186				--	**0.39**		**0.26**		**0.13**	**UJ**	**0.083**	**UJ**	**0.056**	**UJv**
Benzo(k)fluoranthene	mg/kg	0.27	1.5	6.21235289	150	--	**0.19**	**UJ**	0.23	U	**0.044**	**UJ**	**0.05**	**UJ**	**0.047**	**UJv**
Bis(2-ethylhexyl)phthalate	mg/kg	0.66	35	34.51630075	3500	--	0.24	U	0.23	UJv	**0.15**	**UJ**	0.25	U	**0.087**	**UJ**
Carbazole	mg/kg	0.66				--	0.24	U	0.23	U	0.21	U	0.25	U	0.23	U
Chrysene	mg/kg	0.3	15	61.90114483	1500	--	**0.18**	**UJ**	**0.074**	**UJ**	**0.088**	**UJ**	**0.069**	**UJ**	0.23	U

Table 1A-Residential
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-04-12-515 08/06/2012 Field Sample		DSE-05-12-515 08/08/2012 Field Sample		DSE-06-12-515 08/07/2012 Field Sample		DSE-07-12-515 08/06/2012 Field Sample		DSE-08-12-515 08/07/2012 Field Sample	
Dibenzo(a,h)anthracene	mg/kg	0.66	0.015	0.33	1.5	--	**0.075**	**UJ**	0.23	U	0.21	U	0.25	U	0.23	UJv
Di-n-butylphthalate	mg/kg	0.153	6100		18000	--	**0.051**	**UJ**	0.23	UJv	**0.07**	**UJ**	**0.054**	**UJ**	**0.078**	**UJ**
Endrin ketone	mg/kg	0.0129				--	0.0045	U	0.0046	U	0.0042	U	0.0048	U	0.0044	U
Fluoranthene	mg/kg	0.66	2300	224.4277443	6900	--	**0.14**	**UJ**	0.23	U	**0.12**	**UJ**	**0.14**	**UJ**	**0.056**	**UJ**
gamma-Chlordane	mg/kg	0.0066				--	0.0023	U	**0.0012**	**UJ**	0.0022	U	0.0025	U	0.0022	U
Heptachlor	mg/kg	0.0066	0.11	0.016349678	11	--	0.0023	U	0.0024	U	0.0022	U	0.0025	U	0.0022	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.153	0.15	0.621491921	15	--	**0.26**		**0.081**	**UJ**	**0.075**	**UJ**	**0.07**	**UJ**	0.23	UJv
Methyl acetate	mg/kg	0.0174	78000		230000	--	0.0061	U	0.007	U	0.0054	U	0.0068	U	0.0057	U
Methylene chloride	mg/kg	0.0174	56	18.69721484	1100	--	0.0061	U	0.007	U	0.0054	U	0.0068	U	0.0057	U
Naphthalene	mg/kg	0.66	3.6	6.19574424	360	--	0.24	U	**0.085**	**UJ**	0.21	U	0.25	U	0.23	U
Phenanthrene	mg/kg	0.39		2108.62766		--	0.24	U	**0.057**	**UJ**	**0.057**	**UJ**	**0.066**	**UJ**	0.23	U
Phenol	mg/kg	0.66	18000	1287.794675	55000	--	**0.068**	**UJ**	0.23	U	0.21	U	0.25	U	0.23	U
Pyrene	mg/kg	0.42	1700	229.1608461	5200	--	**0.12**	**UJ**	0.23	U	**0.1**	**UJ**	**0.11**	**UJ**	**0.048**	**UJ**

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1A-Residential
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-10-12-515 08/06/2012 Field Sample		DSE-11-12-515 08/09/2012 Field Sample		DSE-11-48-515 08/09/2012 Field Sample		DSE-11-72-515 08/09/2012 Field Sample		DSE-11-96-515 08/09/2012 Field Sample	
Metals																
Aluminum	mg/kg	24900	77000		230000	--	**6720**		**8750**		**9550**		**8580**		**7700**	
Antimony	mg/kg	9	31	3.128571429	94	--	**6.1**	J-	**1.8**	UJ-	**0.65**	UJ-	**0.73**	UJ-	**0.66**	UJ-
Arsenic	mg/kg	40.8	0.39	11.5	39	--	**18.3**		**10.4**		**7.7**		**7.3**		**6.3**	
Barium	mg/kg	25140	15000	547.5	46000	--	**11400**		**6320**	J-	**852**	J-	**1470**	J-	**166**	J-
Beryllium	mg/kg	2.58	160	15.64285714	470	--	**0.49**	J+	**0.88**		**1**		**0.98**		**0.87**	
Cadmium	mg/kg	3.6	70	3.89979486	210	--	**3.8**		**1.9**		0.65	U	**0.2**	UJ	**0.05**	UJ
Calcium	mg/kg	21390				--	**12100**		**7280**		**7420**		**6520**		**6580**	
Chromium	mg/kg	277.8				--	**40.7**		**27.8**		**15.1**		**13.5**		**10.8**	
Cobalt	mg/kg	21.9	23	469.2857143	70	--	**4.9**		**8.1**		**7.7**		**6.7**		**9**	
Copper	mg/kg	142.8	3100	312.8571429	9400	--	**54.5**		**41.1**	J	**22.5**	J	**22.8**	J	**19.3**	J
Iron	mg/kg	57600	55000		160000	--	**15200**		**20900**		**18500**		**15500**		**16500**	
Lead	mg/kg	633	400	400	400	--	**607**	J	**103**		**26.6**		**29.8**		**20.1**	
Magnesium	mg/kg	11520				--	**2790**		**3910**		**4410**		**4000**		**4210**	
Manganese	mg/kg	1524	1800			--	**389**		**555**	J	**176**	J	**293**	J	**203**	J
Mercury	mg/kg	0.81	10		30	--	**0.85**		**0.16**		**0.066**	UJ	**0.044**	UJ	**0.048**	UJ
Nickel	mg/kg	85.2	1500	156.4285714	4600	--	**20**		**27.6**		**23.2**		**22.8**		**26.3**	
Potassium	mg/kg	3660				--	**961**		**1470**		**1550**		**1380**		**1110**	
Selenium	mg/kg	6.9	390	39.10714286	1200	--	**1.4**	UJ	**2.6**	UJ	**2.7**	UJ	**2.3**	UJ	**2.6**	UJ
Silver	mg/kg	2.04	390	39.10714286	1200	--	**2.5**		**0.2**	UJ	1.3	U	1.3	U	0.81	U
Sodium	mg/kg	957				--	**314**	UJ	**307**	UJ	**913**		**1120**		**1940**	
Vanadium	mg/kg	69.6		54.75		--	**19.2**		**24.6**		**30**		**26.3**		**25.6**	
Zinc	mg/kg	978	23000	2346.428571	70000	--	**628**	J	**302**	J-	**68.8**	J-	**76.1**	J-	**52.7**	J-
Organic																
2-Butanone	mg/kg	0.039	28000	590.9671771	84000	--	**0.021**		0.012	U	**0.019**	UJ	**0.016**	UJ	**0.054**	
2-Methylnaphthalene	mg/kg	0.66	230	22.15593188	690	--	0.25	U	**0.39**		0.3	U	0.34	U	0.31	U
4,4'-DDT	mg/kg	0.0129	1.7	1.712656495	110	--	0.0049	U	0.0045	U	0.0058	U	0.0067	U	0.0061	U
Acenaphthylene	mg/kg	0.66		346.6387731		--	0.25	U	0.23	U	0.3	U	0.34	U	0.31	U
Acetone	mg/kg	0.0234	61000	174.2704067	180000	--	**0.076**		0.012	U	**0.072**		**0.081**		**0.19**	
Acetophenone	mg/kg	0.66	7800		23000	--	**0.1**	UJ	0.23	U	**0.14**	UJ	0.34	U	0.31	U
Anthracene	mg/kg	0.66	17000	2188.505596	52000	--	0.25	U	0.23	U	0.3	U	0.34	U	0.31	U
Aroclor-1260	mg/kg	0.066	0.22		22	--	0.049	UJv	0.046	U	0.058	U	0.067	U	0.06	U
Benzo(a)anthracene	mg/kg	0.237	0.15	0.620205398	15	--	0.25	U	**0.047**	UJ	0.3	UJv	0.34	U	0.31	U
Benzo(a)pyrene	mg/kg	0.24	0.015	0.33	1.5	--	0.25	U	**0.047**	UJ	0.3	UJv	0.34	U	0.31	U
Benzo(b)fluoranthene	mg/kg	0.3	0.15	0.620217342	15	--	0.25	U	**0.063**	UJ	0.3	UJv	0.34	U	0.31	U
Benzo(g,h,i)perylene	mg/kg	0.186				--	0.25	U	0.23	U	0.3	UJv	0.34	U	0.31	U
Benzo(k)fluoranthene	mg/kg	0.27	1.5	6.21235289	150	--	0.25	U	0.23	U	0.3	UJv	0.34	U	0.31	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.66	35	34.51630075	3500	--	0.25	UJv	0.23	U	0.3	UJv	0.34	U	0.31	U
Carbazole	mg/kg	0.66				--	0.25	U	0.23	U	0.3	U	0.34	U	0.31	U
Chrysene	mg/kg	0.3	15	61.90114483	1500	--	0.25	U	**0.052**	UJ	0.3	UJv	0.34	U	0.31	U

Table 1A-Residential
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-10-12-515 08/06/2012 Field Sample		DSE-11-12-515 08/09/2012 Field Sample		DSE-11-48-515 08/09/2012 Field Sample		DSE-11-72-515 08/09/2012 Field Sample		DSE-11-96-515 08/09/2012 Field Sample	
Dibenzo(a,h)anthracene	mg/kg	0.66	0.015	0.33	1.5	--	0.25	U	0.23	U	0.3	UJv	0.34	U	0.31	U
Di-n-butylphthalate	mg/kg	0.153	6100		18000	--	**0.092**	**UJv**	**0.059**	**UJ**	0.3	UJv	**0.097**	**UJ**	**0.069**	**UJ**
Endrin ketone	mg/kg	0.0129				--	0.0049	U	0.0045	U	0.0058	U	0.0067	U	0.0061	U
Fluoranthene	mg/kg	0.66	2300	224.4277443	6900	--	0.25	U	**0.11**	**UJ**	0.3	UJv	0.34	U	0.31	U
gamma-Chlordane	mg/kg	0.0066				--	0.0025	U	0.0023	U	0.003	U	0.0035	U	0.0031	U
Heptachlor	mg/kg	0.0066	0.11	0.016349678	11	--	0.0025	U	0.0023	U	0.003	U	0.0035	U	0.0031	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.153	0.15	0.621491921	15	--	0.25	U	0.23	U	0.3	UJv	0.34	U	0.31	U
Methyl acetate	mg/kg	0.0174	78000		230000	--	**0.008**		0.0061	U	0.0094	U	0.012	U	0.011	U
Methylene chloride	mg/kg	0.0174	56	18.69721484	1100	--	0.0072	U	0.0061	U	0.0094	U	0.012	U	0.011	U
Naphthalene	mg/kg	0.66	3.6	6.19574424	360	--	0.25	U	**0.11**	**UJ**	0.3	U	0.34	U	0.31	U
Phenanthrene	mg/kg	0.39		2108.62766		--	0.25	U	**0.12**	**UJ**	0.3	U	0.34	U	0.31	U
Phenol	mg/kg	0.66	18000	1287.794675	55000	--	0.25	U	0.23	U	0.3	U	0.34	U	0.31	U
Pyrene	mg/kg	0.42	1700	229.1608461	5200	--	**0.061**	**UJ**	**0.089**	**UJ**	0.3	UJv	0.34	U	0.31	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1A-Residential
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-13-12-515 08/07/2012 Field Sample		DSE-14-12-515 08/09/2012 Field Sample		DSE-16-12-515 08/07/2012 Field Sample		DSE-17-01-514 08/10/2012 Field Sample		DSE-18-01-514 08/10/2012 Field Sample	
Metals																
Aluminum	mg/kg	24900	77000		230000	--	**17300**		**9860**		**15200**		**9020**	**W**	**11800**	**W**
Antimony	mg/kg	9	31	3.128571429	94	--	**4.4**	**LJ-**	**1.2**	**LJ-**	**3.5**	**LJ-**	**2**	**WLJ-**	**2**	**WLJ-**
Arsenic	mg/kg	40.8	0.39	11.5	39	--	**35.2**		**13.8**		**24.3**	**J**	**8.1**	**W**	**14**	**W**
Barium	mg/kg	25140	15000	547.5	46000	--	**11800**		**1750**	**J-**	**10600**	**J**	**7440**	**W**	**7170**	**W**
Beryllium	mg/kg	2.58	160	15.64285714	470	--	**1**		**1**		**0.9**		**0.79**	**W**	**0.97**	**W**
Cadmium	mg/kg	3.6	70	3.89979486	210	--	**0.95**		**0.34**	**LJ**	**1.1**		**1.1**	**WJ+**	**1.3**	**WJ+**
Calcium	mg/kg	21390				--	**8220**		**11400**		**19600**	**J**	**9660**	**W**	**8270**	**W**
Chromium	mg/kg	277.8				--	**36.4**		**16.6**		**37.9**		**40.9**	**W**	**47.5**	**W**
Cobalt	mg/kg	21.9	23	469.2857143	70	--	**13.4**		**12.4**		**12.3**		**5.4**	**WJ**	**6.9**	**WJ**
Copper	mg/kg	142.8	3100	312.8571429	9400	--	**35.8**		**23.7**	**J**	**49.4**		**67.3**	**W**	**81.9**	**W**
Iron	mg/kg	57600	55000		160000	--	**25300**		**24200**		**24900**	**J**	**34000**	**W**	**30900**	**W**
Lead	mg/kg	633	400	400	400	--	**129**	**J**	**37**		**109**		**68.5**	**W**	**77.5**	**W**
Magnesium	mg/kg	11520				--	**5900**		**5330**		**5580**	**J**	**3950**	**W**	**4730**	**W**
Manganese	mg/kg	1524	1800			--	**936**		**668**	**J**	**594**	**J**	**406**	**W**	**304**	**W**
Mercury	mg/kg	0.81	10		30	--	**0.19**		**0.061**	**LJ**	**0.21**		**0.14**	**W**	**0.15**	**W**
Nickel	mg/kg	85.2	1500	156.4285714	4600	--	**39.2**		**34.3**		**34.4**		**30.8**	**WJ**	**32.7**	**WJ**
Potassium	mg/kg	3660				--	**2830**		**1760**		**2430**		**1810**	**W**	**1860**	**W**
Selenium	mg/kg	6.9	390	39.10714286	1200	--	**1.7**	**LJ**	**2.7**	**LJ**	**1.5**	**LJ**	**3.7**	**W**	**3.8**	**W**
Silver	mg/kg	2.04	390	39.10714286	1200	--	**0.59**	**LJ**	0.96	U	**0.46**	**LJ**	**0.49**	**WLJ**	**0.4**	**WLJ**
Sodium	mg/kg	957				--	**405**	**LJ**	**206**	**LJ**	**698**		**1110**	**W**	**1470**	**W**
Vanadium	mg/kg	69.6		54.75		--	**39.1**		**37.1**		**33.9**		**20.9**	**W**	**31.4**	**W**
Zinc	mg/kg	978	23000	2346.428571	70000	--	**217**	**J**	**148**	**J-**	**375**	**J**	**280**	**W**	**453**	**W**
Organic																
2-Butanone	mg/kg	0.039	28000	590.9671771	84000	--	**0.063**		**0.0078**	**LJ**	**0.058**		**0.21**	**J**	**0.083**	**J**
2-Methylnaphthalene	mg/kg	0.66	230	22.15593188	690	--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
4,4'-DDT	mg/kg	0.0129	1.7	1.712656495	110	--	0.0048	U	0.0045	U	0.005	U	0.013	UJ	0.016	UJ
Acenaphthylene	mg/kg	0.66		346.6387731		--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Acetone	mg/kg	0.0234	61000	174.2704067	180000	--	**0.067**		0.012	U	**0.06**		**0.4**	**J**	**0.17**	**J**
Acetophenone	mg/kg	0.66	7800		23000	--	0.24	U	0.23	U	0.25	U	0.67	UJ	**0.18**	**LJ**
Anthracene	mg/kg	0.66	17000	2188.505596	52000	--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Aroclor-1260	mg/kg	0.066	0.22		22	--	0.048	U	0.045	U	0.05	U	0.13	UJ	0.15	UJ
Benzo(a)anthracene	mg/kg	0.237	0.15	0.620205398	15	--	0.24	UJv	0.23	U	0.25	U	**0.37**	**LJ**	0.79	UJ
Benzo(a)pyrene	mg/kg	0.24	0.015	0.33	1.5	--	0.24	U	0.23	U	0.25	U	**0.21**	**LJ**	0.79	UJ
Benzo(b)fluoranthene	mg/kg	0.3	0.15	0.620217342	15	--	0.24	U	0.23	U	**0.098**	**LJ**	**0.71**	**J**	0.79	UJ
Benzo(g,h,i)perylene	mg/kg	0.186				--	0.24	U	0.23	U	**0.053**	**LJ**	**0.17**	**LJ**	0.79	UJ
Benzo(k)fluoranthene	mg/kg	0.27	1.5	6.21235289	150	--	0.24	U	0.23	U	0.25	U	**0.45**	**LJ**	0.79	UJ
Bis(2-ethylhexyl)phthalate	mg/kg	0.66	35	34.51630075	3500	--	0.24	U	0.23	U	0.25	U	0.67	UJ	**0.35**	**LJ**
Carbazole	mg/kg	0.66				--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Chrysene	mg/kg	0.3	15	61.90114483	1500	--	0.24	UJv	0.23	U	**0.069**	**LJ**	**0.64**	**LJ**	0.79	UJ

Table 1A-Residential
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-13-12-515 08/07/2012 Field Sample		DSE-14-12-515 08/09/2012 Field Sample		DSE-16-12-515 08/07/2012 Field Sample		DSE-17-01-514 08/10/2012 Field Sample		DSE-18-01-514 08/10/2012 Field Sample	
Dibenzo(a,h)anthracene	mg/kg	0.66	0.015	0.33	1.5	--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Di-n-butylphthalate	mg/kg	0.153	6100		18000	--	**0.059**	**LJ**	**0.054**	**LJ**	**0.05**	**LJ**	0.67	UJ	0.79	UJ
Endrin ketone	mg/kg	0.0129				--	0.0048	U	0.0045	U	0.005	U	**0.0069**	**LJ**	0.016	UJ
Fluoranthene	mg/kg	0.66	2300	224.4277443	6900	--	**0.068**	**LJv**	0.23	U	**0.076**	**LJ**	**0.71**	**J**	0.79	UJ
gamma-Chlordane	mg/kg	0.0066				--	0.0025	U	0.0023	U	0.0026	U	0.0067	UJ	0.008	UJ
Heptachlor	mg/kg	0.0066	0.11	0.016349678	11	--	0.0025	U	0.0023	U	0.0026	U	0.0067	UJ	0.008	UJ
Indeno(1,2,3-cd)pyrene	mg/kg	0.153	0.15	0.621491921	15	--	0.24	U	0.23	U	0.25	U	**0.19**	**LJ**	0.79	UJ
Methyl acetate	mg/kg	0.0174	78000		230000	--	0.0079	U	0.0061	U	0.0079	U	0.022	UJ	0.019	UJ
Methylene chloride	mg/kg	0.0174	56	18.69721484	1100	--	0.0079	U	0.0061	U	0.0079	U	0.022	UJ	0.019	UJ
Naphthalene	mg/kg	0.66	3.6	6.19574424	360	--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Phenanthrene	mg/kg	0.39		2108.62766		--	**0.049**	**LJ**	**0.047**	**LJ**	0.25	U	0.67	UJ	0.79	UJ
Phenol	mg/kg	0.66	18000	1287.794675	55000	--	0.24	U	0.23	U	0.25	U	0.67	UJ	0.79	UJ
Pyrene	mg/kg	0.42	1700	229.1608461	5200	--	0.24	UJv	0.23	U	**0.094**	**LJ**	**0.84**	**J**	0.79	UJ

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1A-Residential
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-20-12-515 08/08/2012 Field Sample		DSE-21-12-515 08/09/2012 Field Sample		DSW-01-01-513 08/10/2012 Field Sample		DSW-01-01-523 08/10/2012 Field Duplicate		DSW-02-01-513 08/10/2012 Field Sample	
Metals																
Aluminum	mg/kg	24900	77000		230000	--	**17100**		**8300**		**6290**		**6500**		**7580**	
Antimony	mg/kg	9	31	3.128571429	94	--	**3.6**	**UJ-**	**3**	**UJ-**	**9.9**	**J-**	**5.1**	**UJ-**	**2**	**UJ-**
Arsenic	mg/kg	40.8	0.39	11.5	39	--	**31.7**	**J**	**13.6**		**25.4**		**23.9**		**12.9**	
Barium	mg/kg	25140	15000	547.5	46000	--	**7660**	**J**	**8380**	**J-**	**13600**		**13300**		**8520**	
Beryllium	mg/kg	2.58	160	15.64285714	470	--	**0.93**		**0.86**		**0.66**		**0.62**		**0.69**	
Cadmium	mg/kg	3.6	70	3.89979486	210	--	**0.69**		**1.2**		**5.2**	**J+**	**3.7**	**J+**	**1.7**	**J+**
Calcium	mg/kg	21390				--	**10200**	**J**	**7130**		**10600**		**10100**		**21600**	
Chromium	mg/kg	277.8				--	**23.6**		**92.6**		**94.8**		**86.5**		**31.5**	
Cobalt	mg/kg	21.9	23	469.2857143	70	--	**12.6**		**7.3**		**3.2**	**UJ**	**3**	**UJ**	**5.8**	**J**
Copper	mg/kg	142.8	3100	312.8571429	9400	--	**28.1**		**47.6**	**J**	**95.1**		**85**		**41.7**	
Iron	mg/kg	57600	55000		160000	--	**23600**	**J**	**19200**		**25600**		**19400**		**17600**	
Lead	mg/kg	633	400	400	400	--	**78.4**		**211**		**429**		**376**		**135**	
Magnesium	mg/kg	11520				--	**5540**	**J**	**3840**		**2650**		**2610**		**3690**	
Manganese	mg/kg	1524	1800			--	**340**	**J**	**508**	**J**	**595**		**539**		**704**	
Mercury	mg/kg	0.81	10		30	--	**0.17**		**0.27**		**0.54**		**0.55**		**0.28**	
Nickel	mg/kg	85.2	1500	156.4285714	4600	--	**33.4**		**28.4**		**22.9**	**J**	**22.2**	**J**	**24.2**	**J**
Potassium	mg/kg	3660				--	**2910**		**1220**		**1120**		**1320**		**1630**	
Selenium	mg/kg	6.9	390	39.10714286	1200	--	**1.3**	**UJ**	**2.3**	**UJ**	**3.1**	**UJ**	**2.6**	**UJ**	**2.1**	**UJ**
Silver	mg/kg	2.04	390	39.10714286	1200	--	**0.2**	**UJ**	**0.68**	**UJ**	**2.2**		**1.8**		**0.62**	**UJ**
Sodium	mg/kg	957				--	**318**	**UJ**	**319**	**UJ**	**198**	**UJ**	**176**	**UJ**	**241**	**UJ**
Vanadium	mg/kg	69.6		54.75		--	**37**		**23.2**		**18.8**		**19.6**		**20.3**	
Zinc	mg/kg	978	23000	2346.428571	70000	--	**153**	**J**	**326**	**J-**	**750**		**660**		**364**	
Organic																
2-Butanone	mg/kg	0.039	28000	590.9671771	84000	--	0.014	U	**0.013**		**0.034**		**0.05**		**0.041**	
2-Methylnaphthalene	mg/kg	0.66	230	22.15593188	690	--	0.23	U	0.22	U	0.26	U	0.25	U	0.25	U
4,4'-DDT	mg/kg	0.0129	1.7	1.712656495	110	--	0.0044	U	0.0043	U	0.005	UJv	**0.0045**	**UJv**	0.0048	U
Acenaphthylene	mg/kg	0.66		346.6387731		--	0.23	U	0.22	U	**0.058**	**UJ**	**0.054**	**UJ**	0.25	U
Acetone	mg/kg	0.0234	61000	174.2704067	180000	--	0.014	U	**0.0078**	**UJ**	**0.021**		**0.033**		**0.026**	
Acetophenone	mg/kg	0.66	7800		23000	--	0.23	U	0.22	U	0.26	U	0.25	U	0.25	U
Anthracene	mg/kg	0.66	17000	2188.505596	52000	--	**0.082**	**UJ**	0.22	U	**0.063**	**UJ**	**0.069**	**UJ**	0.25	U
Aroclor-1260	mg/kg	0.066	0.22		22	--	0.044	U	**0.022**	**UJ**	**0.037**	**UJ**	**0.054**	**J**	**0.049**	**J**
Benzo(a)anthracene	mg/kg	0.237	0.15	0.620205398	15	--	**0.15**	**UJ**	**0.079**	**UJ**	**0.098**	**UJ**	**0.13**	**UJ**	0.25	U
Benzo(a)pyrene	mg/kg	0.24	0.015	0.33	1.5	--	**0.1**	**UJ**	**0.08**	**UJ**	**0.12**	**UJ**	**0.14**	**UJ**	**0.05**	**UJ**
Benzo(b)fluoranthene	mg/kg	0.3	0.15	0.620217342	15	--	**0.19**	**UJ**	**0.1**	**UJ**	**0.24**	**UJ**	**0.27**		**0.061**	**UJ**
Benzo(g,h,i)perylene	mg/kg	0.186				--	**0.095**	**UJ**	**0.062**	**UJ**	**0.13**	**UJ**	**0.2**	**UJ**	**0.052**	**UJ**
Benzo(k)fluoranthene	mg/kg	0.27	1.5	6.21235289	150	--	**0.14**	**UJ**	**0.09**	**UJ**	**0.094**	**UJ**	**0.15**	**UJ**	**0.066**	**UJ**
Bis(2-ethylhexyl)phthalate	mg/kg	0.66	35	34.51630075	3500	--	**0.096**	**UJ**	0.22	U	**0.1**	**UJ**	0.25	U	0.25	UJv
Carbazole	mg/kg	0.66				--	**0.049**	**UJ**	0.22	U	0.26	U	0.25	U	0.25	U
Chrysene	mg/kg	0.3	15	61.90114483	1500	--	**0.16**	**UJ**	**0.1**	**UJ**	**0.14**	**UJ**	**0.2**	**UJ**	**0.063**	**UJ**

Table 1A-Residential
Soil Sample Analytical Results Summary at 12 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-20-12-515 08/08/2012 Field Sample		DSE-21-12-515 08/09/2012 Field Sample		DSW-01-01-513 08/10/2012 Field Sample		DSW-01-01-523 08/10/2012 Field Duplicate		DSW-02-01-513 08/10/2012 Field Sample	
Dibenzo(a,h)anthracene	mg/kg	0.66	0.015	0.33	1.5	--	0.23	U	0.22	U	0.26	U	0.25	U	0.25	U
Di-n-butylphthalate	mg/kg	0.153	6100		18000	--	**0.074**	**UJ**	**0.051**	**UJ**	0.26	U	0.25	U	0.25	UJv
Endrin ketone	mg/kg	0.0129				--	0.0044	U	0.0043	U	0.005	UJv	0.0049	UJv	0.0048	U
Fluoranthene	mg/kg	0.66	2300	224.4277443	6900	--	**0.29**		**0.22**	**UJ**	**0.13**	**UJ**	**0.23**	**UJ**	**0.095**	**UJ**
gamma-Chlordane	mg/kg	0.0066				--	0.0023	U	0.0022	U	0.0026	UJv	0.0025	UJv	0.0025	U
Heptachlor	mg/kg	0.0066	0.11	0.016349678	11	--	0.0023	U	0.0022	U	**0.0013**	**UJv**	0.0025	UJv	0.0025	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.153	0.15	0.621491921	15	--	**0.083**	**UJ**	**0.051**	**UJ**	**0.099**	**UJ**	**0.14**	**UJ**	0.25	U
Methyl acetate	mg/kg	0.0174	78000		230000	--	0.0068	U	0.0058	U	0.008	U	0.01	U	0.0069	U
Methylene chloride	mg/kg	0.0174	56	18.69721484	1100	--	0.0068	U	0.0058	U	**0.0048**	**UJ**	0.01	U	**0.0034**	**UJ**
Naphthalene	mg/kg	0.66	3.6	6.19574424	360	--	0.23	U	0.22	U	0.26	U	0.25	U	0.25	U
Phenanthrene	mg/kg	0.39		2108.62766		--	**0.31**		**0.13**	**UJ**	**0.053**	**UJ**	**0.075**	**UJ**	**0.053**	**UJ**
Phenol	mg/kg	0.66	18000	1287.794675	55000	--	0.23	U	0.22	U	0.26	U	0.25	U	0.25	U
Pyrene	mg/kg	0.42	1700	229.1608461	5200	--	**0.26**		**0.14**	**UJ**	**0.16**	**UJ**	**0.27**		**0.093**	**UJ**

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1B-Industrial
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-24-515 08/06/2012 Field Sample		DSE-05-24-515 08/08/2012 Field Sample		DSE-06-24-515 08/07/2012 Field Sample		DSE-07-24-515 08/06/2012 Field Sample		DSE-08-24-515 08/07/2012 Field Sample	
Metals																
Aluminum	mg/kg	33000	990000		3000000	--	15800		5960		12600		15900		13400	
Antimony	mg/kg	2.1	410	81.76	1200	--	2.3	LJ-	11.6	J-	3.3	LJ-	2.9	LJ-	2.6	LJ-
Arsenic	mg/kg	16.8	1.6	11.5	160	--	27.6		23.6		16.4	J	54.7		19.3	J
Barium	mg/kg	3420	190000	14308	570000	--	4360		8740		10100	J	4520		8980	J
Beryllium	mg/kg	3.9	2000	408.8	6000	--	1		0.6		0.68		0.89		0.8	
Cadmium	mg/kg	0.93	800	100.8685353	2400	--	0.59		5.1	J+	1.6		0.3	LJ	0.68	
Calcium	mg/kg	24900				--	9080		25400		21600	J	7090		5660	J
Chromium	mg/kg	48.9				--	20.9		584		35		20.8		29.7	
Cobalt	mg/kg	22.5	300	12264	910	--	13.8		4	LJ	8.9		11.8		15.9	
Copper	mg/kg	90	41000	8176	120000	--	25.9		81.9		159		25.9		32.6	
Iron	mg/kg	49200	720000		2100000	--	26000		19200		22600	J	20500		21000	J
Lead	mg/kg	106.8	800	1400	800	--	74.5	J	761		258		83	J	162	
Magnesium	mg/kg	12570				--	5240		3210		4490	J	5600		4320	J
Manganese	mg/kg	405	23000			--	367		569		446	J	309		341	J
Mercury	mg/kg	0.258	43		130	--	0.068	LJ	2		0.19		0.32		0.12	LJ
Nickel	mg/kg	94.5	20000	4088	59000	--	31.1		20.8	J	28.7		31.5		30.7	
Potassium	mg/kg	4110				--	2330		1300		2000		2530		1980	
Selenium	mg/kg	7.5	5100	1022	15000	--	1.9	LJ	2.1	LJ	1.4	LJ	1.5	LJ	1.7	LJ
Silver	mg/kg	3.3	5100	1022	15000	--	0.34	LJ	3.8		0.93		0.26	LJ	0.68	LJ
Sodium	mg/kg	2118				--	917		472	LJ	951		996		690	
Thallium	mg/kg	8.4	10	14.308	31	--	2.5	U	0.35	LJ	2.3	U	2.3	U	2.3	U
Vanadium	mg/kg	88.8		1430.8		--	37.9		17		29		37.2		30.5	
Zinc	mg/kg	243.6	310000	61320	920000	--	137	J	875		405	J	99.4	J	166	J
Organic																
1,4-Dioxane	mg/kg	0.48	17		1700	--	0.12	U	10	U	0.11	U	0.12	UR	0.11	U
2-Butanone	mg/kg	0.0201	200000	4351.295519	590000	--	0.012	U	1	U	0.011	U	0.012	U	0.011	UJv
2-Methylnaphthalene	mg/kg	0.81	2200	165.2673834	6600	--	0.23	U	6.2		0.21	U	0.24	U	0.22	U
4,4'-DDE	mg/kg	0.0153	5.1	11.41998133	510	--	0.0026	LJ	0.0047	U	0.0041	U	0.0046	U	0.0042	U
4,4'-DDT	mg/kg	0.0153	7	11.86672004	700	--	0.0045	U	0.0047	U	0.004	LJ	0.0046	U	0.0042	U
Acenaphthene	mg/kg	0.81	33000	6124.439919	99000	--	0.23	U	1.2	U	0.21	U	0.24	U	0.22	U
Acenaphthylene	mg/kg	0.81		5140.530475		--	0.23	U	1.2	U	0.088	LJ	0.24	U	0.22	U
Acetone	mg/kg	0.048	630000	1394.143988	1900000	--	0.012	U	1	U	0.011	U	0.012	U	0.0099	LJv
Acetophenone	mg/kg	0.81	100000		310000	--	0.16	LJ	1	LJ	0.091	LJ	0.12	LJ	0.22	U
Aldrin	mg/kg	0.0078	0.1	0.133892627	10	--	0.0023	U	0.0024	U	0.0021	U	0.0024	U	0.0022	U
Anthracene	mg/kg	0.81	170000	47808.42095	500000	--	0.23	U	0.87	LJ	0.15	LJ	0.24	U	0.22	U
Aroclor-1254	mg/kg	0.156	0.74		32	--	0.045	U	0.046	U	0.041	U	0.04	LJ	0.042	U
Aroclor-1260	mg/kg	0.156	0.74		74	--	0.045	U	0.046	U	0.059		0.045	U	0.042	U
Benzo(a)anthracene	mg/kg	0.81	2.1	2.868199367	210	--	0.23	U	1.2	U	0.19	LJ	0.24	U	0.22	U
Benzo(a)pyrene	mg/kg	0.81	0.21	0.33	21	--	0.23	U	1.2	U	0.26		0.24	U	0.22	UJv

Table 1B-Industrial
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-24-515 08/06/2012 Field Sample		DSE-05-24-515 08/08/2012 Field Sample		DSE-06-24-515 08/07/2012 Field Sample		DSE-07-24-515 08/06/2012 Field Sample		DSE-08-24-515 08/07/2012 Field Sample	
Benzo(b)fluoranthene	mg/kg	0.81	2.1	2.868329304	210	--	0.23	U	1.2	U	**0.26**		0.24	U	0.22	UJv
Benzo(g,h,i)perylene	mg/kg	0.81				--	0.23	U	1.2	U	**0.32**		0.24	U	0.22	UJv
Benzo(k)fluoranthene	mg/kg	0.81	21	28.79427687	2100	--	0.23	U	1.2	U	**0.2**	**LJ**	0.24	U	0.22	UJv
beta-BHC	mg/kg	0.0078	0.96	1.622748383	96	--	0.0023	U	0.0024	U	**0.0013**	**LJ**	0.0024	U	0.0022	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.81	120	173.0325248	12000	--	0.23	U	1.2	U	**0.12**	**LJ**	0.24	U	0.22	U
Butylbenzylphthalate	mg/kg	0.81	910	222.2735416	91000	--	0.23	U	1.2	U	0.21	U	0.24	U	0.22	U
Carbazole	mg/kg	0.81				--	0.23	U	1.2	U	**0.051**	**LJ**	0.24	U	0.22	U
Chrysene	mg/kg	0.81	210	285.5245365	21000	--	0.23	U	1.2	U	**0.23**		0.24	U	0.22	U
Dibenzo(a,h)anthracene	mg/kg	0.81	0.21	0.33	21	--	0.23	U	1.2	U	**0.069**	**LJ**	0.24	U	0.22	UJv
Di-n-butylphthalate	mg/kg	0.216	62000		180000	--	0.33		1.2	U	0.21	U	**0.11**	**LJ**	**0.06**	**LJ**
Ethylbenzene	mg/kg	0.0243	27	232.5016836	2700	--	0.006	U	**0.4**	**LJ**	0.0056	U	0.0062	U	0.0057	U
Fluoranthene	mg/kg	0.81	22000	2885.39429	66000	--	0.069	LJ	1.2	U	**0.37**		**0.062**	**LJ**	0.22	U
Fluorene	mg/kg	0.81	22000	5407.219769	66000	--	0.23	U	**1.5**		0.21	U	0.24	U	0.22	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.81	2.1	2.882233474	210	--	0.23	U	1.2	U	**0.25**		0.24	U	0.22	UJv
Isopropylbenzene	mg/kg	0.0243	11000		32000	--	0.006	U	0.5	U	0.0056	U	0.0062	U	0.0057	U
m,p-Xylene	mg/kg	0.0243				--	0.006	U	**1.6**		0.0056	U	0.0062	U	0.0057	U
Methylcyclohexane	mg/kg	0.0243				--	0.006	U	**0.54**		0.0056	U	0.0062	U	0.0057	U
Methylene chloride	mg/kg	0.0243	960	44.33290307	9200	--	0.006	U	0.5	U	0.0056	U	0.0062	U	0.0057	U
Naphthalene	mg/kg	0.81	18	42.59771533	1800	--	0.23	U	**2**		0.21	U	0.24	U	0.22	U
o-Xylene	mg/kg	0.0243	3000		9000	--	0.006	U	**1**		0.0056	U	0.0062	U	0.0057	U
Phenanthrene	mg/kg	0.81		42533.41269		--	0.05	LJ	**0.31**	**LJ**	**0.28**		0.24	U	0.22	U
Pyrene	mg/kg	0.81	17000	5606.69618	50000	--	0.052	LJ	**0.36**	**LJ**	**0.38**		0.24	U	0.22	U
Toluene	mg/kg	0.0243	45000	466.2808173	140000	--	0.006	U	**0.34**	**LJ**	0.0056	U	0.0062	U	0.0057	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
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- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1B-Industrial
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-10-24-515 08/06/2012 Field Sample		DSE-11-24-515 08/09/2012 Field Sample		DSE-13-24-515 08/07/2012 Field Sample		DSE-14-24-515 08/09/2012 Field Sample		DSE-16-24-515 08/07/2012 Field Sample	
Metals																
Aluminum	mg/kg	33000	990000		3000000	--	4130		8340		18300		11600		14300	
Antimony	mg/kg	2.1	410	81.76	1200	--	18	J-	2.3	LJ-	3.3	LJ-	0.69	LJ-	7	J-
Arsenic	mg/kg	16.8	1.6	11.5	160	--	62.5		17.5		27.7		6.4		36.1	J
Barium	mg/kg	3420	190000	14308	570000	--	3570		5700	J-	10300		720	J-	13700	J
Beryllium	mg/kg	3.9	2000	408.8	6000	--	0.46	U	0.99		1.1		1.1		0.75	
Cadmium	mg/kg	0.93	800	100.8685353	2400	--	18.3		0.59		0.81		0.11	LJ	1	
Calcium	mg/kg	24900				--	10600		6810		10200		13000		7180	J
Chromium	mg/kg	48.9				--	52.6		20.4		35.8		17.1		29.4	
Cobalt	mg/kg	22.5	300	12264	910	--	7		10.6		13.2		13.7		11.1	
Copper	mg/kg	90	41000	8176	120000	--	109		24.8	J	30.6		23.3	J	46.1	
Iron	mg/kg	49200	720000		2100000	--	32200		52200		25700		20000		19600	J
Lead	mg/kg	106.8	800	1400	800	--	2170	J	85		96	J	30.4		189	
Magnesium	mg/kg	12570				--	2150		3400		5910		6540		5550	J
Manganese	mg/kg	405	23000			--	671		1910	J	531		578	J	295	J
Mercury	mg/kg	0.258	43		130	--	1.8		0.08	LJ	0.18		0.058	LJ	0.23	
Nickel	mg/kg	94.5	20000	4088	59000	--	18.7		30.3		36.4		30.5		33.4	
Potassium	mg/kg	4110				--	641		1260		2740		1900		2250	
Selenium	mg/kg	7.5	5100	1022	15000	--	2.5	LJ	4		1.8	LJ	2.7	LJ	1.6	LJ
Silver	mg/kg	3.3	5100	1022	15000	--	8.9		0.26	LJ	0.47	LJ	1.1	U	0.74	LJ
Sodium	mg/kg	2118				--	332	LJ	545		580		277	LJ	600	
Thallium	mg/kg	8.4	10	14.308	31	--	2	LJ	1.4	LJ	2.6	U	2.8	UJ	2.5	U
Vanadium	mg/kg	88.8		1430.8		--	17.9		25.2		42		29.9		32	
Zinc	mg/kg	243.6	310000	61320	920000	--	2810	J	214	J-	174	J	74	J-	226	J
Organic																
1,4-Dioxane	mg/kg	0.48	17		1700	--	0.11	U	0.16	U	0.13	U	0.13	U	0.13	R
2-Butanone	mg/kg	0.0201	200000	4351.295519	590000	--	0.021		0.016	U	0.035		0.013	U	0.013	U
2-Methylnaphthalene	mg/kg	0.81	2200	165.2673834	6600	--	0.89	LJ	0.25	U	0.24	U	0.24	U	0.25	U
4,4'-DDE	mg/kg	0.0153	5.1	11.41998133	510	--	0.004	U	0.0049	U	0.0047	U	0.0047	U	0.0048	U
4,4'-DDT	mg/kg	0.0153	7	11.86672004	700	--	0.004	U	0.0049	U	0.0047	U	0.0047	U	0.0036	LJ
Acenaphthene	mg/kg	0.81	33000	6124.439919	99000	--	2.5		0.25	U	0.24	U	0.24	U	0.25	U
Acenaphthylene	mg/kg	0.81		5140.530475		--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Acetone	mg/kg	0.048	630000	1394.143988	1900000	--	0.1		0.016	U	0.014		0.013	U	0.013	U
Acetophenone	mg/kg	0.81	100000		310000	--	1	U	0.25	U	0.24	U	0.12	LJ	0.25	U
Aldrin	mg/kg	0.0078	0.1	0.133892627	10	--	0.0021		0.0025	U	0.0024	U	0.0024	U	0.0025	U
Anthracene	mg/kg	0.81	170000	47808.42095	500000	--	0.35	LJ	0.25	U	0.24	U	0.24	U	0.25	U
Aroclor-1254	mg/kg	0.156	0.74		32	--	0.04	UJv	0.048	U	0.047	U	0.047	U	0.048	U
Aroclor-1260	mg/kg	0.156	0.74		74	--	0.04	UJv	0.048	U	0.047	U	0.047	U	0.048	U
Benzo(a)anthracene	mg/kg	0.81	2.1	2.868199367	210	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Benzo(a)pyrene	mg/kg	0.81	0.21	0.33	21	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U

Table 1B-Industrial
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-10-24-515 08/06/2012 Field Sample		DSE-11-24-515 08/09/2012 Field Sample		DSE-13-24-515 08/07/2012 Field Sample		DSE-14-24-515 08/09/2012 Field Sample		DSE-16-24-515 08/07/2012 Field Sample	
Benzo(b)fluoranthene	mg/kg	0.81	2.1	2.868329304	210	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Benzo(g,h,i)perylene	mg/kg	0.81				--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Benzo(k)fluoranthene	mg/kg	0.81	21	28.79427687	2100	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
beta-BHC	mg/kg	0.0078	0.96	1.622748383	96	--	0.0021	U	0.0025	U	0.0024	U	0.0024	U	0.0025	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.81	120	173.0325248	12000	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Butylbenzylphthalate	mg/kg	0.81	910	222.2735416	91000	--	1	U	0.25	U	0.24	U	**0.056**	**LJ**	0.25	U
Carbazole	mg/kg	0.81				--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Chrysene	mg/kg	0.81	210	285.5245365	21000	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Dibenzo(a,h)anthracene	mg/kg	0.81	0.21	0.33	21	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Di-n-butylphthalate	mg/kg	0.216	62000		180000	--	1	U	**0.06**	**LJ**	0.24	U	**0.055**	**LJ**	**0.075**	**LJ**
Ethylbenzene	mg/kg	0.0243	27	232.5016836	2700	--	0.0057	U	0.0079	U	0.0067	U	0.0067	U	0.0066	U
Fluoranthene	mg/kg	0.81	22000	2885.39429	66000	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Fluorene	mg/kg	0.81	22000	5407.219769	66000	--	**1.6**		0.25	U	0.24	U	0.24	U	0.25	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.81	2.1	2.882233474	210	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Isopropylbenzene	mg/kg	0.0243	11000		32000	--	**0.0072**		0.0079	U	0.0067	U	0.0067	U	0.0066	U
m,p-Xylene	mg/kg	0.0243				--	0.0057	U	0.0079	U	0.0067	U	0.0067	U	0.0066	U
Methylcyclohexane	mg/kg	0.0243				--	**0.0091**	**J^**	0.0079	U	0.0067	U	0.0067	U	0.0066	U
Methylene chloride	mg/kg	0.0243	960	44.33290307	9200	--	0.0057	U	0.0079	U	**0.0028**	**LJ**	0.0067	U	**0.003**	**LJ**
Naphthalene	mg/kg	0.81	18	42.59771533	1800	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
o-Xylene	mg/kg	0.0243	3000		9000	--	0.0057	U	0.0079	U	0.0067	U	0.0067	U	0.0066	U
Phenanthrene	mg/kg	0.81		42533.41269		--	**3.5**		0.25	U	0.24	U	0.24	U	0.25	U
Pyrene	mg/kg	0.81	17000	5606.69618	50000	--	**0.21**	**LJ**	0.25	U	0.24	U	0.24	U	**0.048**	**LJ**
Toluene	mg/kg	0.0243	45000	466.2808173	140000	--	0.0057	U	0.0079	U	0.0067	U	0.0067	U	0.0066	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1B-Industrial
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-20-24-515 08/08/2012 Field Sample		DSE-21-24-515 08/09/2012 Field Sample	
Metals										
Aluminum	mg/kg	33000	990000		3000000	--	**18100**		**11000**	
Antimony	mg/kg	2.1	410	81.76	1200	--	**1.7**	**LJ-**	**0.7**	**LJ-**
Arsenic	mg/kg	16.8	1.6	11.5	160	--	**10.3**	**J**	**5.6**	
Barium	mg/kg	3420	190000	14308	570000	--	**3830**	**J**	**1140**	**J-**
Beryllium	mg/kg	3.9	2000	408.8	6000	--	**1.6**		**1.3**	
Cadmium	mg/kg	0.93	800	100.8685353	2400	--	**0.43**	**LJ**	**0.31**	**LJ**
Calcium	mg/kg	24900				--	**5060**	**J**	**8300**	
Chromium	mg/kg	48.9				--	**21.7**		**16.3**	
Cobalt	mg/kg	22.5	300	12264	910	--	**14.7**		**7.5**	
Copper	mg/kg	90	41000	8176	120000	--	**23.2**		**30**	**J**
Iron	mg/kg	49200	720000		2100000	--	**27200**	**J**	**16400**	
Lead	mg/kg	106.8	800	1400	800	--	**54.3**		**35.6**	
Magnesium	mg/kg	12570				--	**6030**	**J**	**4190**	
Manganese	mg/kg	405	23000			--	**367**	**J**	**135**	**J**
Mercury	mg/kg	0.258	43		130	--	**0.13**		**0.086**	**LJ**
Nickel	mg/kg	94.5	20000	4088	59000	--	**38**		**31.5**	
Potassium	mg/kg	4110				--	**2700**		**1370**	
Selenium	mg/kg	7.5	5100	1022	15000	--	**2.1**	**LJ**	**2.5**	**LJ**
Silver	mg/kg	3.3	5100	1022	15000	--	**0.18**	**LJ**	1.1	U
Sodium	mg/kg	2118				--	**437**	**LJ**	**706**	
Thallium	mg/kg	8.4	10	14.308	31	--	2.5	U	2.8	UJ
Vanadium	mg/kg	88.8		1430.8		--	**41.4**		**29.6**	
Zinc	mg/kg	243.6	310000	61320	920000	--	**113**	**J**	**81.2**	**J-**
Organic										
1,4-Dioxane	mg/kg	0.48	17		1700	--	0.14	U	0.16	U
2-Butanone	mg/kg	0.0201	200000	4351.295519	590000	--	0.014	U	**0.0067**	**LJ**
2-Methylnaphthalene	mg/kg	0.81	2200	165.2673834	6600	--	0.25	U	0.27	U
4,4'-DDE	mg/kg	0.0153	5.1	11.41998133	510	--	0.0048	U	0.0051	U
4,4'-DDT	mg/kg	0.0153	7	11.86672004	700	--	0.0048	U	0.0051	U
Acenaphthene	mg/kg	0.81	33000	6124.439919	99000	--	0.25	U	0.27	U
Acenaphthylene	mg/kg	0.81		5140.530475		--	0.25	U	0.27	U
Acetone	mg/kg	0.048	630000	1394.143988	1900000	--	0.014	U	0.016	U
Acetophenone	mg/kg	0.81	100000		310000	--	0.25	U	0.27	U
Aldrin	mg/kg	0.0078	0.1	0.133892627	10	--	0.0025	U	0.0026	U
Anthracene	mg/kg	0.81	170000	47808.42095	500000	--	0.25	U	0.27	U
Aroclor-1254	mg/kg	0.156	0.74		32	--	0.048	U	0.052	U
Aroclor-1260	mg/kg	0.156	0.74		74	--	0.048	U	0.052	U
Benzo(a)anthracene	mg/kg	0.81	2.1	2.868199367	210	--	0.25	U	0.27	U
Benzo(a)pyrene	mg/kg	0.81	0.21	0.33	21	--	0.25	U	0.27	U

Table 1B-Industrial
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-20-24-515 08/08/2012 Field Sample		DSE-21-24-515 08/09/2012 Field Sample	
Benzo(b)fluoranthene	mg/kg	0.81	2.1	2.868329304	210	--	0.25	U	0.27	U
Benzo(g,h,i)perylene	mg/kg	0.81				--	0.25	U	0.27	U
Benzo(k)fluoranthene	mg/kg	0.81	21	28.79427687	2100	--	0.25	U	0.27	U
beta-BHC	mg/kg	0.0078	0.96	1.622748383	96	--	0.0025	U	0.0026	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.81	120	173.0325248	12000	--	**0.073**	**LJ**	0.27	U
Butylbenzylphthalate	mg/kg	0.81	910	222.2735416	91000	--	0.25	U	0.27	U
Carbazole	mg/kg	0.81				--	0.25	UJv	0.27	U
Chrysene	mg/kg	0.81	210	285.5245365	21000	--	0.25	U	0.27	U
Dibenzo(a,h)anthracene	mg/kg	0.81	0.21	0.33	21	--	0.25	U	0.27	U
Di-n-butylphthalate	mg/kg	0.216	62000		180000	--	**0.066**	**LJ**	**0.072**	**LJ**
Ethylbenzene	mg/kg	0.0243	27	232.5016836	2700	--	0.007	U	0.0081	U
Fluoranthene	mg/kg	0.81	22000	2885.39429	66000	--	0.25	U	0.27	U
Fluorene	mg/kg	0.81	22000	5407.219769	66000	--	0.25	UJv	0.27	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.81	2.1	2.882233474	210	--	0.25	U	0.27	U
Isopropylbenzene	mg/kg	0.0243	11000		32000	--	0.007	U	0.0081	U
m,p-Xylene	mg/kg	0.0243				--	0.007	U	0.0081	U
Methylcyclohexane	mg/kg	0.0243				--	0.007	U	0.0081	U
Methylene chloride	mg/kg	0.0243	960	44.33290307	9200	--	0.007	U	0.0081	U
Naphthalene	mg/kg	0.81	18	42.59771533	1800	--	0.25	U	0.27	U
o-Xylene	mg/kg	0.0243	3000		9000	--	0.007	U	0.0081	U
Phenanthrene	mg/kg	0.81		42533.41269		--	0.25	U	0.27	U
Pyrene	mg/kg	0.81	17000	5606.69618	50000	--	0.25	U	0.27	U
Toluene	mg/kg	0.0243	45000	466.2808173	140000	--	0.007	U	0.0081	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1B-Residential
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-04-24-515 08/06/2012 Field Sample		DSE-05-24-515 08/08/2012 Field Sample		DSE-06-24-515 08/07/2012 Field Sample		DSE-07-24-515 08/06/2012 Field Sample		DSE-08-24-515 08/07/2012 Field Sample	
Metals																
Aluminum	mg/kg	33000	77000		230000	--	15800		5960		12600		15900		13400	
Antimony	mg/kg	2.1	31	3.128571429	94	--	2.3	LJ-	11.6	J-	3.3	LJ-	2.9	LJ-	2.6	LJ-
Arsenic	mg/kg	16.8	0.39	11.5	39	--	27.6		23.6		16.4	J	54.7		19.3	J
Barium	mg/kg	3420	15000	547.5	46000	--	4360		8740		10100	J	4520		8980	J
Beryllium	mg/kg	3.9	160	15.64285714	470	--	1		0.6		0.68		0.89		0.8	
Cadmium	mg/kg	0.93	70	3.89979486	210	--	0.59		5.1	J+	1.6		0.3	LJ	0.68	
Calcium	mg/kg	24900				--	9080		25400		21600	J	7090		5660	J
Chromium	mg/kg	48.9				--	20.9		584		35		20.8		29.7	
Cobalt	mg/kg	22.5	23	469.2857143	70	--	13.8		4	LJ	8.9		11.8		15.9	
Copper	mg/kg	90	3100	312.8571429	9400	--	25.9		81.9		159		25.9		32.6	
Iron	mg/kg	49200	55000		160000	--	26000		19200		22600	J	20500		21000	J
Lead	mg/kg	106.8	400	400	400	--	74.5	J	761		258		83	J	162	
Magnesium	mg/kg	12570				--	5240		3210		4490	J	5600		4320	J
Manganese	mg/kg	405	1800			--	367		569		446	J	309		341	J
Mercury	mg/kg	0.258	10		30	--	0.068	LJ	2		0.19		0.32		0.12	LJ
Nickel	mg/kg	94.5	1500	156.4285714	4600	--	31.1		20.8	J	28.7		31.5		30.7	
Potassium	mg/kg	4110				--	2330		1300		2000		2530		1980	
Selenium	mg/kg	7.5	390	39.10714286	1200	--	1.9	LJ	2.1	LJ	1.4	LJ	1.5	LJ	1.7	LJ
Silver	mg/kg	3.3	390	39.10714286	1200	--	0.34	LJ	3.8		0.93		0.26	LJ	0.68	LJ
Sodium	mg/kg	2118				--	917		472	LJ	951		996		690	
Thallium	mg/kg	8.4	0.78	0.5475	2.3	--	2.5	U	0.35	LJ	2.3	U	2.3	U	2.3	U
Vanadium	mg/kg	88.8		54.75		--	37.9		17		29		37.2		30.5	
Zinc	mg/kg	243.6	23000	2346.428571	70000	--	137	J	875		405	J	99.4	J	166	J
Organic																
1,4-Dioxane	mg/kg	0.48	4.9		490	--	0.12	U	10	U	0.11	U	0.12	UR	0.11	U
2-Butanone	mg/kg	0.0201	28000	590.9671771	84000	--	0.012	U	1	U	0.011	U	0.012	U	0.011	UJv
2-Methylnaphthalene	mg/kg	0.81	230	22.15593188	690	--	0.23	U	6.2		0.21	U	0.24	U	0.22	U
4,4'-DDE	mg/kg	0.0153	1.4	1.693854481	140	--	0.0026	LJ	0.0047	U	0.0041	U	0.0046	U	0.0042	U
4,4'-DDT	mg/kg	0.0153	1.7	1.712656495	110	--	0.0045	U	0.0047	U	0.004	LJ	0.0046	U	0.0042	U
Acenaphthene	mg/kg	0.81	3400	373.6479476	10000	--	0.23	U	1.2	U	0.21	U	0.24	U	0.22	U
Acenaphthylene	mg/kg	0.81		346.6387731		--	0.23	U	1.2	U	0.088	LJ	0.24	U	0.22	U
Acetone	mg/kg	0.048	61000	174.2704067	180000	--	0.012	U	1	U	0.011	U	0.012	U	0.0099	LJv
Acetophenone	mg/kg	0.81	7800		23000	--	0.16	LJ	1	LJ	0.091	LJ	0.12	LJ	0.22	U
Aldrin	mg/kg	0.0078	0.029	0.027726359	2.9	--	0.0023	U	0.0024	U	0.0021	U	0.0024	U	0.0022	U
Anthracene	mg/kg	0.81	17000	2188.505596	52000	--	0.23	U	0.87	LJ	0.15	LJ	0.24	U	0.22	U
Aroclor-1254	mg/kg	0.156	0.22		3.4	--	0.045	U	0.046	U	0.041	U	0.04	LJ	0.042	U
Aroclor-1260	mg/kg	0.156	0.22		22	--	0.045	U	0.046	U	0.059		0.045	U	0.042	U
Benzo(a)anthracene	mg/kg	0.81	0.15	0.620205398	15	--	0.23	U	1.2	U	0.19	LJ	0.24	U	0.22	U
Benzo(a)pyrene	mg/kg	0.81	0.015	0.33	1.5	--	0.23	U	1.2	U	0.26		0.24	U	0.22	UJv

Table 1B-Residential
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-04-24-515 08/06/2012 Field Sample		DSE-05-24-515 08/08/2012 Field Sample		DSE-06-24-515 08/07/2012 Field Sample		DSE-07-24-515 08/06/2012 Field Sample		DSE-08-24-515 08/07/2012 Field Sample	
Benzo(b)fluoranthene	mg/kg	0.81	0.15	0.620217342	15	--	0.23	U	1.2	U	**0.26**		0.24	U	0.22	UJv
Benzo(g,h,i)perylene	mg/kg	0.81				--	0.23	U	1.2	U	**0.32**		0.24	U	0.22	UJv
Benzo(k)fluoranthene	mg/kg	0.81	1.5	6.21235289	150	--	0.23	U	1.2	U	**0.2**	**LJ**	0.24	U	0.22	UJv
beta-BHC	mg/kg	0.0078	0.27	0.291310659	27	--	0.0023	U	0.0024	U	**0.0013**	**LJ**	0.0024	U	0.0022	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.81	35	34.51630075	3500	--	0.23	U	1.2	U	**0.12**	**LJ**	0.24	U	0.22	U
Butylbenzylphthalate	mg/kg	0.81	260	222.2735416	26000	--	0.23	U	1.2	U	0.21	U	0.24	U	0.22	U
Carbazole	mg/kg	0.81				--	0.23	U	1.2	U	**0.051**	**LJ**	0.24	U	0.22	U
Chrysene	mg/kg	0.81	15	61.90114483	1500	--	0.23	U	1.2	U	**0.23**		0.24	U	0.22	U
Dibenzo(a,h)anthracene	mg/kg	0.81	0.015	0.33	1.5	--	0.23	U	1.2	U	**0.069**	**LJ**	0.24	U	0.22	UJv
Di-n-butylphthalate	mg/kg	0.216	6100		18000	--	**0.33**		1.2	U	0.21	U	**0.11**	**LJ**	**0.06**	**LJ**
Ethylbenzene	mg/kg	0.0243	5.4	163.6661254	540	--	0.006	U	**0.4**	**LJ**	0.0056	U	0.0062	U	0.0057	U
Fluoranthene	mg/kg	0.81	2300	224.4277443	6900	--	**0.069**	**LJ**	1.2	U	**0.37**		**0.062**	**LJ**	0.22	U
Fluorene	mg/kg	0.81	2300	276.6833948	6900	--	0.23	U	**1.5**		0.21	U	0.24	U	0.22	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.81	0.15	0.621491921	15	--	0.23	U	1.2	U	**0.25**		0.24	U	0.22	UJv
Isopropylbenzene	mg/kg	0.0243	2100		6200	--	0.006	U	0.5	U	0.0056	U	0.0062	U	0.0057	U
m,p-Xylene	mg/kg	0.0243				--	0.006	U	**1.6**		0.0056	U	0.0062	U	0.0057	U
Methylcyclohexane	mg/kg	0.0243				--	0.006	U	**0.54**		0.0056	U	0.0062	U	0.0057	U
Methylene chloride	mg/kg	0.0243	56	18.69721484	1100	--	0.006	U	0.5	U	0.0056	U	0.0062	U	0.0057	U
Naphthalene	mg/kg	0.81	3.6	6.19574424	360	--	0.23	U	**2**		0.21	U	0.24	U	0.22	U
o-Xylene	mg/kg	0.0243	690		2100	--	0.006	U	**1**		0.0056	U	0.0062	U	0.0057	U
Phenanthrene	mg/kg	0.81		2108.62766		--	**0.05**	**LJ**	**0.31**	**LJ**	**0.28**		0.24	U	0.22	U
Pyrene	mg/kg	0.81	1700	229.1608461	5200	--	**0.052**	**LJ**	**0.36**	**LJ**	**0.38**		0.24	U	0.22	U
Toluene	mg/kg	0.0243	5000	67.63078972	15000	--	0.006	U	**0.34**	**LJ**	0.0056	U	0.0062	U	0.0057	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1B-Residential
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-10-24-515 08/06/2012 Field Sample		DSE-11-24-515 08/09/2012 Field Sample		DSE-13-24-515 08/07/2012 Field Sample		DSE-14-24-515 08/09/2012 Field Sample		DSE-16-24-515 08/07/2012 Field Sample	
Metals																
Aluminum	mg/kg	33000	77000		230000	--	4130		8340		18300		11600		14300	
Antimony	mg/kg	2.1	31	3.128571429	94	--	18	J-	2.3	LJ-	3.3	LJ-	0.69	LJ-	7	J-
Arsenic	mg/kg	16.8	0.39	11.5	39	--	62.5		17.5		27.7		6.4		36.1	J
Barium	mg/kg	3420	15000	547.5	46000	--	3570		5700	J-	10300		720	J-	13700	J
Beryllium	mg/kg	3.9	160	15.64285714	470	--	0.46	U	0.99		1.1		1.1		0.75	
Cadmium	mg/kg	0.93	70	3.89979486	210	--	18.3		0.59		0.81		0.11	LJ	1	
Calcium	mg/kg	24900				--	10600		6810		10200		13000		7180	J
Chromium	mg/kg	48.9				--	52.6		20.4		35.8		17.1		29.4	
Cobalt	mg/kg	22.5	23	469.2857143	70	--	7		10.6		13.2		13.7		11.1	
Copper	mg/kg	90	3100	312.8571429	9400	--	109		24.8	J	30.6		23.3	J	46.1	
Iron	mg/kg	49200	55000		160000	--	32200		52200		25700		20000		19600	J
Lead	mg/kg	106.8	400	400	400	--	2170	J	85		96	J	30.4		189	
Magnesium	mg/kg	12570				--	2150		3400		5910		6540		5550	J
Manganese	mg/kg	405	1800			--	671		1910	J	531		578	J	295	J
Mercury	mg/kg	0.258	10		30	--	1.8		0.08	LJ	0.18		0.058	LJ	0.23	
Nickel	mg/kg	94.5	1500	156.4285714	4600	--	18.7		30.3		36.4		30.5		33.4	
Potassium	mg/kg	4110				--	641		1260		2740		1900		2250	
Selenium	mg/kg	7.5	390	39.10714286	1200	--	2.5	LJ	4		1.8	LJ	2.7	LJ	1.6	LJ
Silver	mg/kg	3.3	390	39.10714286	1200	--	8.9		0.26	LJ	0.47	LJ	1.1	U	0.74	LJ
Sodium	mg/kg	2118				--	332	LJ	545		580		277	LJ	600	
Thallium	mg/kg	8.4	0.78	0.5475	2.3	--	2	LJ	1.4	LJ	2.6	U	2.8	UJ	2.5	U
Vanadium	mg/kg	88.8		54.75		--	17.9		25.2		42		29.9		32	
Zinc	mg/kg	243.6	23000	2346.428571	70000	--	2810	J	214	J-	174	J	74	J-	226	J
Organic																
1,4-Dioxane	mg/kg	0.48	4.9		490	--	0.11	U	0.16	U	0.13	U	0.13	U	0.13	R
2-Butanone	mg/kg	0.0201	28000	590.9671771	84000	--	0.021		0.016	U	0.035		0.013	U	0.013	U
2-Methylnaphthalene	mg/kg	0.81	230	22.15593188	690	--	0.89	LJ	0.25	U	0.24	U	0.24	U	0.25	U
4,4'-DDE	mg/kg	0.0153	1.4	1.693854481	140	--	0.004	U	0.0049	U	0.0047	U	0.0047	U	0.0048	U
4,4'-DDT	mg/kg	0.0153	1.7	1.712656495	110	--	0.004	U	0.0049	U	0.0047	U	0.0047	U	0.0036	LJ
Acenaphthene	mg/kg	0.81	3400	373.6479476	10000	--	2.5		0.25	U	0.24	U	0.24	U	0.25	U
Acenaphthylene	mg/kg	0.81		346.6387731		--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Acetone	mg/kg	0.048	61000	174.2704067	180000	--	0.1		0.016	U	0.014		0.013	U	0.013	U
Acetophenone	mg/kg	0.81	7800		23000	--	1	U	0.25	U	0.24	U	0.12	LJ	0.25	U
Aldrin	mg/kg	0.0078	0.029	0.027726359	2.9	--	0.0021		0.0025	U	0.0024	U	0.0024	U	0.0025	U
Anthracene	mg/kg	0.81	17000	2188.505596	52000	--	0.35	LJ	0.25	U	0.24	U	0.24	U	0.25	U
Aroclor-1254	mg/kg	0.156	0.22		3.4	--	0.04	UJv	0.048	U	0.047	U	0.047	U	0.048	U
Aroclor-1260	mg/kg	0.156	0.22		22	--	0.04	UJv	0.048	U	0.047	U	0.047	U	0.048	U
Benzo(a)anthracene	mg/kg	0.81	0.15	0.620205398	15	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Benzo(a)pyrene	mg/kg	0.81	0.015	0.33	1.5	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U

Table 1B-Residential
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-10-24-515 08/06/2012 Field Sample		DSE-11-24-515 08/09/2012 Field Sample		DSE-13-24-515 08/07/2012 Field Sample		DSE-14-24-515 08/09/2012 Field Sample		DSE-16-24-515 08/07/2012 Field Sample	
Benzo(b)fluoranthene	mg/kg	0.81	0.15	0.620217342	15	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Benzo(g,h,i)perylene	mg/kg	0.81				--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Benzo(k)fluoranthene	mg/kg	0.81	1.5	6.21235289	150	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
beta-BHC	mg/kg	0.0078	0.27	0.291310659	27	--	0.0021	U	0.0025	U	0.0024	U	0.0024	U	0.0025	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.81	35	34.51630075	3500	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Butylbenzylphthalate	mg/kg	0.81	260	222.2735416	26000	--	1	U	0.25	U	0.24	U	**0.056**	**LJ**	0.25	U
Carbazole	mg/kg	0.81				--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Chrysene	mg/kg	0.81	15	61.90114483	1500	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Dibenzo(a,h)anthracene	mg/kg	0.81	0.015	0.33	1.5	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Di-n-butylphthalate	mg/kg	0.216	6100		18000	--	1	U	**0.06**	**LJ**	0.24	U	**0.055**	**LJ**	**0.075**	**LJ**
Ethylbenzene	mg/kg	0.0243	5.4	163.6661254	540	--	0.0057	U	0.0079	U	0.0067	U	0.0067	U	0.0066	U
Fluoranthene	mg/kg	0.81	2300	224.4277443	6900	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Fluorene	mg/kg	0.81	2300	276.6833948	6900	--	**1.6**		0.25	U	0.24	U	0.24	U	0.25	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.81	0.15	0.621491921	15	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
Isopropylbenzene	mg/kg	0.0243	2100		6200	--	**0.0072**		0.0079	U	0.0067	U	0.0067	U	0.0066	U
m,p-Xylene	mg/kg	0.0243				--	0.0057	U	0.0079	U	0.0067	U	0.0067	U	0.0066	U
Methylcyclohexane	mg/kg	0.0243				--	**0.0091**	**J^**	0.0079	U	0.0067	U	0.0067	U	0.0066	U
Methylene chloride	mg/kg	0.0243	56	18.69721484	1100	--	0.0057	U	0.0079	U	**0.0028**	**LJ**	0.0067	U	**0.003**	**LJ**
Naphthalene	mg/kg	0.81	3.6	6.19574424	360	--	1	U	0.25	U	0.24	U	0.24	U	0.25	U
o-Xylene	mg/kg	0.0243	690		2100	--	0.0057	U	0.0079	U	0.0067	U	0.0067	U	0.0066	U
Phenanthrene	mg/kg	0.81		2108.62766		--	**3.5**		0.25	U	0.24	U	0.24	U	0.25	U
Pyrene	mg/kg	0.81	1700	229.1608461	5200	--	**0.21**	**LJ**	0.25	U	0.24	U	0.24	U	**0.048**	**LJ**
Toluene	mg/kg	0.0243	5000	67.63078972	15000	--	0.0057	U	0.0079	U	0.0067	U	0.0067	U	0.0066	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1B-Residential
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-20-24-515 08/08/2012 Field Sample		DSE-21-24-515 08/09/2012 Field Sample	
Metals										
Aluminum	mg/kg	33000	77000		230000	--	**18100**		**11000**	
Antimony	mg/kg	2.1	31	3.128571429	94	--	**1.7**	**UJ-**	**0.7**	**UJ-**
Arsenic	mg/kg	16.8	0.39	11.5	39	--	**10.3**	**J**	**5.6**	
Barium	mg/kg	3420	15000	547.5	46000	--	**3830**	**J**	**1140**	**J-**
Beryllium	mg/kg	3.9	160	15.64285714	470	--	**1.6**		**1.3**	
Cadmium	mg/kg	0.93	70	3.89979486	210	--	**0.43**	**UJ**	**0.31**	**UJ**
Calcium	mg/kg	24900				--	**5060**	**J**	**8300**	
Chromium	mg/kg	48.9				--	**21.7**		**16.3**	
Cobalt	mg/kg	22.5	23	469.2857143	70	--	**14.7**		**7.5**	
Copper	mg/kg	90	3100	312.8571429	9400	--	**23.2**		**30**	**J**
Iron	mg/kg	49200	55000		160000	--	**27200**	**J**	**16400**	
Lead	mg/kg	106.8	400	400	400	--	**54.3**		**35.6**	
Magnesium	mg/kg	12570				--	**6030**	**J**	**4190**	
Manganese	mg/kg	405	1800			--	**367**	**J**	**135**	**J**
Mercury	mg/kg	0.258	10		30	--	**0.13**		**0.086**	**UJ**
Nickel	mg/kg	94.5	1500	156.4285714	4600	--	**38**		**31.5**	
Potassium	mg/kg	4110				--	**2700**		**1370**	
Selenium	mg/kg	7.5	390	39.10714286	1200	--	**2.1**	**UJ**	**2.5**	**UJ**
Silver	mg/kg	3.3	390	39.10714286	1200	--	**0.18**	**UJ**	1.1	U
Sodium	mg/kg	2118				--	**437**	**UJ**	**706**	
Thallium	mg/kg	8.4	0.78	0.5475	2.3	--	2.5	U	2.8	UJ
Vanadium	mg/kg	88.8		54.75		--	**41.4**		**29.6**	
Zinc	mg/kg	243.6	23000	2346.428571	70000	--	**113**	**J**	**81.2**	**J-**
Organic										
1,4-Dioxane	mg/kg	0.48	4.9		490	--	0.14	U	0.16	U
2-Butanone	mg/kg	0.0201	28000	590.9671771	84000	--	0.014	U	**0.0067**	**UJ**
2-Methylnaphthalene	mg/kg	0.81	230	22.15593188	690	--	0.25	U	0.27	U
4,4'-DDE	mg/kg	0.0153	1.4	1.693854481	140	--	0.0048	U	0.0051	U
4,4'-DDT	mg/kg	0.0153	1.7	1.712656495	110	--	0.0048	U	0.0051	U
Acenaphthene	mg/kg	0.81	3400	373.6479476	10000	--	0.25	U	0.27	U
Acenaphthylene	mg/kg	0.81		346.6387731		--	0.25	U	0.27	U
Acetone	mg/kg	0.048	61000	174.2704067	180000	--	0.014	U	0.016	U
Acetophenone	mg/kg	0.81	7800		23000	--	0.25	U	0.27	U
Aldrin	mg/kg	0.0078	0.029	0.027726359	2.9	--	0.0025	U	0.0026	U
Anthracene	mg/kg	0.81	17000	2188.505596	52000	--	0.25	U	0.27	U
Aroclor-1254	mg/kg	0.156	0.22		3.4	--	0.048	U	0.052	U
Aroclor-1260	mg/kg	0.156	0.22		22	--	0.048	U	0.052	U
Benzo(a)anthracene	mg/kg	0.81	0.15	0.620205398	15	--	0.25	U	0.27	U
Benzo(a)pyrene	mg/kg	0.81	0.015	0.33	1.5	--	0.25	U	0.27	U

Table 1B-Residential
Soil Sample Analytical Results Summary at 24 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-20-24-515 08/08/2012 Field Sample		DSE-21-24-515 08/09/2012 Field Sample	
Benzo(b)fluoranthene	mg/kg	0.81	0.15	0.620217342	15	--	0.25	U	0.27	U
Benzo(g,h,i)perylene	mg/kg	0.81				--	0.25	U	0.27	U
Benzo(k)fluoranthene	mg/kg	0.81	1.5	6.21235289	150	--	0.25	U	0.27	U
beta-BHC	mg/kg	0.0078	0.27	0.291310659	27	--	0.0025	U	0.0026	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.81	35	34.51630075	3500	--	**0.073**	**LJ**	0.27	U
Butylbenzylphthalate	mg/kg	0.81	260	222.2735416	26000	--	0.25	U	0.27	U
Carbazole	mg/kg	0.81				--	0.25	UJv	0.27	U
Chrysene	mg/kg	0.81	15	61.90114483	1500	--	0.25	U	0.27	U
Dibenzo(a,h)anthracene	mg/kg	0.81	0.015	0.33	1.5	--	0.25	U	0.27	U
Di-n-butylphthalate	mg/kg	0.216	6100		18000	--	**0.066**	**LJ**	**0.072**	**LJ**
Ethylbenzene	mg/kg	0.0243	5.4	163.6661254	540	--	0.007	U	0.0081	U
Fluoranthene	mg/kg	0.81	2300	224.4277443	6900	--	0.25	U	0.27	U
Fluorene	mg/kg	0.81	2300	276.6833948	6900	--	0.25	UJv	0.27	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.81	0.15	0.621491921	15	--	0.25	U	0.27	U
Isopropylbenzene	mg/kg	0.0243	2100		6200	--	0.007	U	0.0081	U
m,p-Xylene	mg/kg	0.0243				--	0.007	U	0.0081	U
Methylcyclohexane	mg/kg	0.0243				--	0.007	U	0.0081	U
Methylene chloride	mg/kg	0.0243	56	18.69721484	1100	--	0.007	U	0.0081	U
Naphthalene	mg/kg	0.81	3.6	6.19574424	360	--	0.25	U	0.27	U
o-Xylene	mg/kg	0.0243	690		2100	--	0.007	U	0.0081	U
Phenanthrene	mg/kg	0.81		2108.62766		--	0.25	U	0.27	U
Pyrene	mg/kg	0.81	1700	229.1608461	5200	--	0.25	U	0.27	U
Toluene	mg/kg	0.0243	5000	67.63078972	15000	--	0.007	U	0.0081	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1C-Industrial
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-48-515 08/06/2012 Field Sample		DSE-05-24-525 08/08/2012 Field Duplicate		DSE-05-48-515 08/08/2012 Field Sample		DSE-06-48-515 08/07/2012 Field Sample		DSE-07-48-515 08/06/2012 Field Sample	
Metals																
Aluminum	mg/kg	28440	990000		3000000	--	18900		5090		4850		7920		14000	
Antimony	mg/kg	1.62	410	81.76	1200	--	2.1	UJ-	12.8	J-	12.4	J-	4.2	UJ-	1.3	UJ-
Arsenic	mg/kg	15	1.6	11.5	160	--	26.4		37.4		35.6		20.9	J	11	
Barium	mg/kg	801	190000	14308	570000	--	3300		7410		7140		8660	J	1950	
Beryllium	mg/kg	3.3	2000	408.8	6000	--	1.3		0.49	UJ	0.47	UJ	0.54		0.89	
Cadmium	mg/kg	1.05	800	100.8685353	2400	--	0.15	UJ	8.5	J+	8.4	J+	1.6		0.22	UJ
Calcium	mg/kg	23310				--	9290		22300		21100		88800	J	9900	
Chromium	mg/kg	41.1				--	20.8		337		330		39.9		16.4	
Cobalt	mg/kg	28.8	300	12264	910	--	11.3		4.9	UJ	4.9	U	7.6		9.8	
Copper	mg/kg	78	41000	8176	120000	--	24		97.6		95.6		76.8		20.9	
Iron	mg/kg	39000	720000		2100000	--	24600		20200		19900		18400	J	18100	
Lead	mg/kg	78.3	800	1400	800	--	42.3	J	1030		989		231		31.5	J
Magnesium	mg/kg	14100				--	6510		3500		3350		3030	J	6020	
Manganese	mg/kg	519	23000			--	296		866		851		840	J	330	
Mercury	mg/kg	0.186	43		130	--	0.054	UJ	0.12	U	1.8		0.29		0.12	UJ
Nickel	mg/kg	92.4	20000	4088	59000	--	29.9		20.4	J	19.6	J	22.3		27.1	
Potassium	mg/kg	4680				--	3490		1150		1070		1440		2470	
Selenium	mg/kg	6.9	5100	1022	15000	--	2.1	UJ	2.4	UJ	2.4	UJ	0.66	UJ	1.3	UJ
Silver	mg/kg	2.52	5100	1022	15000	--	0.27	UJ	5.9		5.7		0.82	UJ	0.21	UJ
Sodium	mg/kg	2766				--	1170		2550		2420		1500		936	
Thallium	mg/kg	6.3	10	14.308	31	--	3.3	U	1.1	UJ	1.1	UJ	2.3	U	2.5	U
Vanadium	mg/kg	84.6		1430.8		--	42.2		16.3		15.4		18.9		31.5	
Zinc	mg/kg	226.5	310000	61320	920000	--	88.1	J	1300		1290		421	J	85.6	J
Organic																
1,1'-Biphenyl	mg/kg	0.99	210	231.7845284	640	--	0.27	U	20	J	5.6	UJ	5.8	U	0.28	UJv
2-Butanone	mg/kg	0.0288	200000	4351.295519	590000	--	0.015	U	0.91	U	6.9	U	0.012	U	0.029	
2-Methylnaphthalene	mg/kg	0.99	2200	165.2673834	6600	--	0.27	U	400	J	290	J	24		0.28	U
4,4'-DDT	mg/kg	0.0192	7	11.86672004	700	--	0.0052	U	0.0047	UR	0.0047	UR	0.0038	UJ	0.0054	U
Acenaphthylene	mg/kg	0.99		5140.530475		--	0.27	U	6.6	J	5.6	UJ	5.8	U	0.28	U
Acetone	mg/kg	0.057	630000	1394.143988	1900000	--	0.015	U	0.91	U	6.9	U	0.084		0.16	
Acetophenone	mg/kg	0.99	100000		310000	--	0.25	UJ	5.9	UJ	5.6	UJ	1.8	UJ	0.11	UJ
Anthracene	mg/kg	0.99	170000	47808.42095	500000	--	0.27	U	7.2	J	32	JN	27		0.28	U
Aroclor-1260	mg/kg	0.192	0.74		74	--	0.053	U	0.047	U	0.048	U	0.087		0.054	U
Benzene	mg/kg	0.0279	5.4	3.083911025	540	--	0.0073	U	0.45	U	1.8	UJ	0.0061	U	0.0073	U
Benzo(a)anthracene	mg/kg	0.99	2.1	2.868199367	210	--	0.27	U	5.9	UJ	5.6	UJ	2.8	UJ	0.28	U
Benzo(a)pyrene	mg/kg	0.99	0.21	0.33	21	--	0.27	U	5.9	UJ	5.6	UJ	1.9	UJ	0.28	U
Benzo(b)fluoranthene	mg/kg	0.99	2.1	2.868329304	210	--	0.27	U	5.9	UJ	5.6	UJ	2	UJ	0.28	U
Benzo(g,h,i)perylene	mg/kg	0.99				--	0.27	U	5.9	UJ	5.6	UJ	1.2	UJ	0.28	U

Table 1C-Industrial
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-48-515 08/06/2012 Field Sample		DSE-05-24-525 08/08/2012 Field Duplicate		DSE-05-48-515 08/08/2012 Field Sample		DSE-06-48-515 08/07/2012 Field Sample		DSE-07-48-515 08/06/2012 Field Sample	
Benzo(k)fluoranthene	mg/kg	0.99	21	28.79427687	2100	--	0.27	U	5.9	UJ	5.6	UJ	**1.6**	**LJ**	0.28	U
beta-BHC	mg/kg	0.0099	0.96	1.622748383	96	--	0.0027	U	0.0024	UR	0.0024	UR	**0.0063**	**J**	0.0028	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.99	120	173.0325248	12000	--	0.27	U	5.9	UJ	5.6	UJ	**1.4**	**LJ**	0.28	UJv
Caprolactam	mg/kg	0.99	310000		920000	--	0.27	U	5.9	UJ	5.6	UJ	5.8	U	0.28	UJv
Chrysene	mg/kg	0.99	210	285.5245365	21000	--	0.27	U	5.9	UJ	5.6	UJ	**4**	**LJ**	0.28	U
Cyclohexane	mg/kg	0.0279	29000		88000	--	0.0073	U	**0.37**	**LJv**	**2**	**LJ**	0.0061	U	0.0073	U
Dibenzofuran	mg/kg	0.99	1000	151.6010855	3100	--	0.27	U	**18**	**J**	5.6	UJ	5.8	U	0.28	U
Di-n-butylphthalate	mg/kg	0.99	62000		180000	--	0.059	LJ	5.9	UJ	5.6	UJ	5.8	U	**0.069**	**LJv**
Ethylbenzene	mg/kg	0.0279	27	232.5016836	2700	--	0.0073	U	**1.8**		**12**		0.0061	U	0.0073	U
Fluoranthene	mg/kg	0.99	22000	2885.39429	66000	--	0.27	U	5.9	UJ	5.6	UJ	**9**		**0.081**	**LJ**
Fluorene	mg/kg	0.99	22000	5407.219769	66000	--	0.27	U	**45**	**J**	**34**	**J**	**4.3**	**LJ**	0.28	U
gamma-Chlordane	mg/kg	0.0099				--	0.0027	U	**0.0018**	**LJN**	**0.0034**	**JN**	**0.002**	**LJ**	0.0028	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.99	2.1	2.882233474	210	--	0.27	U	5.9	UJ	5.6	UJ	**1.2**	**LJ**	0.28	U
Isopropylbenzene	mg/kg	0.0279	11000		32000	--	0.0073	U	**0.8**		**4.8**		**0.025**		0.0073	U
m,p-Xylene	mg/kg	0.0279				--	0.0073	U	**9.7**		**64**		0.0061	U	0.0073	U
Methylcyclohexane	mg/kg	0.0279				--	0.0073	U	**2.1**	**Jv**	**10**		**0.018**	**J^**	0.0073	U
Methylene chloride	mg/kg	0.0279	960	44.33290307	9200	--	0.0073	U	0.45	U	3.5	U	0.0061	U	0.0073	U
Naphthalene	mg/kg	0.99	18	42.59771533	1800	--	0.27	U	**130**	**J**	**100**	**J**	**7.4**		0.28	U
o-Xylene	mg/kg	0.0279	3000		9000	--	0.0073	U	**3.9**		**27**		**0.0025**	**LJ**	0.0073	U
Phenanthrene	mg/kg	0.99		42533.41269		--	0.27	U	**58**	**J**	**34**	**J**	**15**		0.28	U
Pyrene	mg/kg	0.99	17000	5606.69618	50000	--	0.27	U	5.9	UJ	**4**	**LJ**	**6.3**		**0.063**	**LJ**
Toluene	mg/kg	0.0279	45000	466.2808173	140000	--	0.0073	U	**0.77**		**7.8**		0.0061	U	0.0073	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1C-Industrial
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-08-48-515 08/07/2012 Field Sample		DSE-10-48-515 08/06/2012 Field Sample		DSE-13-48-515 08/07/2012 Field Sample		DSE-14-48-515 08/09/2012 Field Sample		DSE-14-48-525 08/09/2012 Field Duplicate	
Metals																
Aluminum	mg/kg	28440	990000		3000000	--	18100		9290		15500		7990		7840	
Antimony	mg/kg	1.62	410	81.76	1200	--	2.3	LJ-	9	J-	7.1	J-	1.4	LJ-	1.1	LJ-
Arsenic	mg/kg	15	1.6	11.5	160	--	9.6	J	45.1		63.9		8.5		10.2	
Barium	mg/kg	801	190000	14308	570000	--	11600	J	7070		12400		6260	J-	3390	J-
Beryllium	mg/kg	3.3	2000	408.8	6000	--	0.94		0.62	J+	1		0.79		0.78	
Cadmium	mg/kg	1.05	800	100.8685353	2400	--	0.16	LJ	2.4		0.83		0.74		0.48	LJ
Calcium	mg/kg	23310				--	6400	J	6880		7560		4320		4490	
Chromium	mg/kg	41.1				--	50.9		23.6		36		22.6		15.4	
Cobalt	mg/kg	28.8	300	12264	910	--	7.8		9.9		13.5		5.1	U	6.7	
Copper	mg/kg	78	41000	8176	120000	--	31.6		41.7		41.7		33	J	24.2	J
Iron	mg/kg	39000	720000		2100000	--	25200	J	19300		24300		13900		17300	
Lead	mg/kg	78.3	800	1400	800	--	86.1		451	J	184	J	124		58.8	
Magnesium	mg/kg	14100				--	4570	J	4130		5750		4250		4040	
Manganese	mg/kg	519	23000			--	125	J	365		473		142	J	257	J
Mercury	mg/kg	0.186	43		130	--	0.13	LJ	0.49		0.25		0.24		0.078	LJ
Nickel	mg/kg	92.4	20000	4088	59000	--	25.9		23.8		32.7		32		29.2	
Potassium	mg/kg	4680				--	2680		1530		2400		1370		1340	
Selenium	mg/kg	6.9	5100	1022	15000	--	2	LJ	1.2	LJ	1.7	LJ	2.2	LJ	2.6	LJ
Silver	mg/kg	2.52	5100	1022	15000	--	0.34	LJ	1.2		0.8	LJ	0.48	LJ	1	U
Sodium	mg/kg	2766				--	1110		636		579		413	LJ	437	LJ
Thallium	mg/kg	6.3	10	14.308	31	--	2.8	U	2.5	U	2.5	U	2.6	UJ	2.6	UJ
Vanadium	mg/kg	84.6		1430.8		--	41.9		23.2		35.3		22.4		22.7	
Zinc	mg/kg	226.5	310000	61320	920000	--	91.9	J	402	J	196	J	147	J-	99.3	J-
Organic																
1,1'-Biphenyl	mg/kg	0.99	210	231.7845284	640	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
2-Butanone	mg/kg	0.0288	200000	4351.295519	590000	--	0.18		0.0048	LJ	0.021	U	0.012	U	0.011	U
2-Methylnaphthalene	mg/kg	0.99	2200	165.2673834	6600	--	0.27	U	0.72		0.26	U	0.25	U	0.22	U
4,4'-DDT	mg/kg	0.0192	7	11.86672004	700	--	0.0052	U	0.0046	U	0.0049	U	0.0048	U	0.0042	U
Acenaphthylene	mg/kg	0.99		5140.530475		--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
Acetone	mg/kg	0.057	630000	1394.143988	1900000	--	0.7		0.022		0.064		0.012	U	0.011	U
Acetophenone	mg/kg	0.99	100000		310000	--	0.27	U	0.24	U	0.06	LJ	0.25	U	0.22	U
Anthracene	mg/kg	0.99	170000	47808.42095	500000	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
Aroclor-1260	mg/kg	0.192	0.74		74	--	0.051	U	0.046	UJv	0.05	U	0.048	U	0.042	U
Benzene	mg/kg	0.0279	5.4	3.083911025	540	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Benzo(a)anthracene	mg/kg	0.99	2.1	2.868199367	210	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
Benzo(a)pyrene	mg/kg	0.99	0.21	0.33	21	--	0.27	UJv	0.24	U	0.26	U	0.25	U	0.22	U
Benzo(b)fluoranthene	mg/kg	0.99	2.1	2.868329304	210	--	0.27	UJv	0.24	U	0.26	U	0.25	U	0.22	U
Benzo(g,h,i)perylene	mg/kg	0.99				--	0.27	UJv	0.24	U	0.26	U	0.25	U	0.22	U

Table 1C-Industrial
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-08-48-515 08/07/2012 Field Sample		DSE-10-48-515 08/06/2012 Field Sample		DSE-13-48-515 08/07/2012 Field Sample		DSE-14-48-515 08/09/2012 Field Sample		DSE-14-48-525 08/09/2012 Field Duplicate	
Benzo(k)fluoranthene	mg/kg	0.99	21	28.79427687	2100	--	0.27	UJv	0.24	U	0.26	U	0.25	U	0.22	U
beta-BHC	mg/kg	0.0099	0.96	1.622748383	96	--	0.0027	U	0.0024	U	0.0025	U	0.0025	U	0.0022	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.99	120	173.0325248	12000	--	**0.092**	**LJ**	0.24	U	0.26	U	0.25	U	0.22	U
Caprolactam	mg/kg	0.99	310000		920000	--	0.27	U	**1.9**		0.26	U	0.25	U	0.22	U
Chrysene	mg/kg	0.99	210	285.5245365	21000	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
Cyclohexane	mg/kg	0.0279	29000		88000	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Dibenzofuran	mg/kg	0.99	1000	151.6010855	3100	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
Di-n-butylphthalate	mg/kg	0.99	62000		180000	--	**0.081**	**LJ**	0.24	U	**0.062**	**LJ**	**0.065**	**LJ**	0.22	U
Ethylbenzene	mg/kg	0.0279	27	232.5016836	2700	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Fluoranthene	mg/kg	0.99	22000	2885.39429	66000	--	0.27	U	**0.057**	**LJ**	0.26	U	0.25	U	0.22	U
Fluorene	mg/kg	0.99	22000	5407.219769	66000	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
gamma-Chlordane	mg/kg	0.0099				--	0.0027	U	0.0024	U	0.0025	U	0.0025	U	0.0022	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.99	2.1	2.882233474	210	--	0.27	UJv	0.24	U	0.26	U	0.25	U	0.22	U
Isopropylbenzene	mg/kg	0.0279	11000		32000	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
m,p-Xylene	mg/kg	0.0279				--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Methylcyclohexane	mg/kg	0.0279				--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Methylene chloride	mg/kg	0.0279	960	44.33290307	9200	--	0.0096	U	0.0062	U	**0.0068**	**LJ**	0.0062	U	0.0054	U
Naphthalene	mg/kg	0.99	18	42.59771533	1800	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
o-Xylene	mg/kg	0.0279	3000		9000	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Phenanthrene	mg/kg	0.99		42533.41269		--	0.27	U	**0.43**		0.26	U	0.25	U	0.22	U
Pyrene	mg/kg	0.99	17000	5606.69618	50000	--	0.27	U	**0.054**	**LJ**	0.26	U	0.25	U	0.22	U
Toluene	mg/kg	0.0279	45000	466.2808173	140000	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1C-Industrial
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-16-48-515 08/07/2012 Field Sample		DSE-20-48-515 08/08/2012 Field Sample		DSE-21-48-515 08/09/2012 Field Sample	
Metals												
Aluminum	mg/kg	28440	990000		3000000	--	**15500**		**13500**		**9480**	
Antimony	mg/kg	1.62	410	81.76	1200	--	**6.6**	**LJ-**	**1**	**LJ-**	**0.54**	**LJ-**
Arsenic	mg/kg	15	1.6	11.5	160	--	**27.6**	**J**	**8.1**		**5**	
Barium	mg/kg	801	190000	14308	570000	--	**9530**	**J**	**3500**		**267**	**J-**
Beryllium	mg/kg	3.3	2000	408.8	6000	--	**1.1**		**1.1**		**1.1**	
Cadmium	mg/kg	1.05	800	100.8685353	2400	--	**0.73**		0.58	U	**0.35**	**LJ**
Calcium	mg/kg	23310				--	**7610**	**J**	**5450**		**7770**	
Chromium	mg/kg	41.1				--	**23.6**		**20.1**		**13.7**	
Cobalt	mg/kg	28.8	300	12264	910	--	**12.4**		**8**	**J**	**9.6**	
Copper	mg/kg	78	41000	8176	120000	--	**36**		**23.9**		**26**	**J**
Iron	mg/kg	39000	720000		2100000	--	**23400**	**J**	**17100**		**13000**	
Lead	mg/kg	78.3	800	1400	800	--	**162**		**34.5**		**26.1**	
Magnesium	mg/kg	14100				--	**5790**	**J**	**4880**		**4700**	
Manganese	mg/kg	519	23000			--	**343**	**J**	**193**		**173**	**J**
Mercury	mg/kg	0.186	43		130	--	**0.19**		**0.054**	**LJ**	**0.062**	**LJ**
Nickel	mg/kg	92.4	20000	4088	59000	--	**32.9**		**31.8**	**J**	**30.8**	
Potassium	mg/kg	4680				--	**2510**		**2020**		**1560**	
Selenium	mg/kg	6.9	5100	1022	15000	--	**1.6**	**LJ**	**2.8**	**LJ**	**2.3**	**LJ**
Silver	mg/kg	2.52	5100	1022	15000	--	**0.51**	**LJ**	1.2	U	0.84	U
Sodium	mg/kg	2766				--	**730**		**586**		**922**	
Thallium	mg/kg	6.3	10	14.308	31	--	3	U	2.9	U	2.1	UJ
Vanadium	mg/kg	84.6		1430.8		--	**35.3**		**33.4**		**28.2**	
Zinc	mg/kg	226.5	310000	61320	920000	--	**158**	**J**	**78.2**		**75.5**	**J-**
Organic												
1,1'-Biphenyl	mg/kg	0.99	210	231.7845284	640	--	0.28	U	0.31	U	0.33	U
2-Butanone	mg/kg	0.0288	200000	4351.295519	590000	--	0.017	U	0.021	U	**0.0096**	**LJ**
2-Methylnaphthalene	mg/kg	0.99	2200	165.2673834	6600	--	0.28	U	0.31	U	0.33	U
4,4'-DDT	mg/kg	0.0192	7	11.86672004	700	--	0.0054	U	0.0061	U	0.0064	U
Acenaphthylene	mg/kg	0.99		5140.530475		--	0.28	U	0.31	U	0.33	U
Acetone	mg/kg	0.057	630000	1394.143988	1900000	--	**0.07**		0.021	U	0.019	U
Acetophenone	mg/kg	0.99	100000		310000	--	**0.071**	**LJ**	**0.19**	**LJ**	0.33	U
Anthracene	mg/kg	0.99	170000	47808.42095	500000	--	0.28	U	0.31	U	0.33	U
Aroclor-1260	mg/kg	0.192	0.74		74	--	0.055	U	0.061	U	0.064	U
Benzene	mg/kg	0.0279	5.4	3.083911025	540	--	0.0083	U	0.01	U	0.0093	U
Benzo(a)anthracene	mg/kg	0.99	2.1	2.868199367	210	--	0.28	U	0.31	U	0.33	U
Benzo(a)pyrene	mg/kg	0.99	0.21	0.33	21	--	0.28	U	0.31	U	0.33	U
Benzo(b)fluoranthene	mg/kg	0.99	2.1	2.868329304	210	--	0.28	U	0.31	U	0.33	U
Benzo(g,h,i)perylene	mg/kg	0.99				--	0.28	U	0.31	U	0.33	U

Table 1C-Industrial
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-16-48-515 08/07/2012 Field Sample		DSE-20-48-515 08/08/2012 Field Sample		DSE-21-48-515 08/09/2012 Field Sample	
Benzo(k)fluoranthene	mg/kg	0.99	21	28.79427687	2100	--	0.28	U	0.31	U	0.33	U
beta-BHC	mg/kg	0.0099	0.96	1.622748383	96	--	0.0028	U	0.0032	U	0.0033	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.99	120	173.0325248	12000	--	0.28	U	0.31	U	0.33	U
Caprolactam	mg/kg	0.99	310000		920000	--	0.28	U	0.31	U	0.33	U
Chrysene	mg/kg	0.99	210	285.5245365	21000	--	0.28	U	0.31	U	0.33	U
Cyclohexane	mg/kg	0.0279	29000		88000	--	0.0083	U	0.01	U	0.0093	U
Dibenzofuran	mg/kg	0.99	1000	151.6010855	3100	--	0.28	U	0.31	U	0.33	U
Di-n-butylphthalate	mg/kg	0.99	62000		180000	--	**0.079**	**LJ**	**0.063**	**LJ**	0.33	U
Ethylbenzene	mg/kg	0.0279	27	232.5016836	2700	--	0.0083	U	0.01	U	0.0093	U
Fluoranthene	mg/kg	0.99	22000	2885.39429	66000	--	0.28	U	0.31	U	0.33	U
Fluorene	mg/kg	0.99	22000	5407.219769	66000	--	0.28	U	0.31	U	0.33	U
gamma-Chlordane	mg/kg	0.0099				--	0.0028	U	0.0032	U	0.0033	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.99	2.1	2.882233474	210	--	0.28	U	0.31	U	0.33	U
Isopropylbenzene	mg/kg	0.0279	11000		32000	--	0.0083	U	0.01	U	0.0093	U
m,p-Xylene	mg/kg	0.0279				--	0.0083	U	0.01	U	0.0093	U
Methylcyclohexane	mg/kg	0.0279				--	0.0083	U	0.01	U	0.0093	U
Methylene chloride	mg/kg	0.0279	960	44.33290307	9200	--	**0.0038**	**LJ**	0.01	U	0.0093	U
Naphthalene	mg/kg	0.99	18	42.59771533	1800	--	0.28	U	0.31	U	0.33	U
o-Xylene	mg/kg	0.0279	3000		9000	--	0.0083	U	0.01	U	0.0093	U
Phenanthrene	mg/kg	0.99		42533.41269		--	0.28	U	0.31	U	0.33	U
Pyrene	mg/kg	0.99	17000	5606.69618	50000	--	0.28	U	0.31	U	0.33	U
Toluene	mg/kg	0.0279	45000	466.2808173	140000	--	0.0083	U	0.01	U	0.0093	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1C-Residential
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-04-48-515 08/06/2012 Field Sample		DSE-05-24-525 08/08/2012 Field Duplicate		DSE-05-48-515 08/08/2012 Field Sample		DSE-06-48-515 08/07/2012 Field Sample		DSE-07-48-515 08/06/2012 Field Sample	
Metals																
Aluminum	mg/kg	28440	77000		230000	--	18900		5090		4850		7920		14000	
Antimony	mg/kg	1.62	31	3.128571429	94	--	2.1	UJ-	12.8	J-	12.4	J-	4.2	UJ-	1.3	UJ-
Arsenic	mg/kg	15	0.39	11.5	39	--	26.4		37.4		35.6		20.9	J	11	
Barium	mg/kg	801	15000	547.5	46000	--	3300		7410		7140		8660	J	1950	
Beryllium	mg/kg	3.3	160	15.64285714	470	--	1.3		0.49	UJ	0.47	UJ	0.54		0.89	
Cadmium	mg/kg	1.05	70	3.89979486	210	--	0.15	UJ	8.5	J+	8.4	J+	1.6		0.22	UJ
Calcium	mg/kg	23310				--	9290		22300		21100		88800	J	9900	
Chromium	mg/kg	41.1				--	20.8		337		330		39.9		16.4	
Cobalt	mg/kg	28.8	23	469.2857143	70	--	11.3		4.9	UJ	4.9	U	7.6		9.8	
Copper	mg/kg	78	3100	312.8571429	9400	--	24		97.6		95.6		76.8		20.9	
Iron	mg/kg	39000	55000		160000	--	24600		20200		19900		18400	J	18100	
Lead	mg/kg	78.3	400	400	400	--	42.3	J	1030		989		231		31.5	J
Magnesium	mg/kg	14100				--	6510		3500		3350		3030	J	6020	
Manganese	mg/kg	519	1800			--	296		866		851		840	J	330	
Mercury	mg/kg	0.186	10		30	--	0.054	UJ	0.12	U	1.8		0.29		0.12	UJ
Nickel	mg/kg	92.4	1500	156.4285714	4600	--	29.9		20.4	J	19.6	J	22.3		27.1	
Potassium	mg/kg	4680				--	3490		1150		1070		1440		2470	
Selenium	mg/kg	6.9	390	39.10714286	1200	--	2.1	UJ	2.4	UJ	2.4	UJ	0.66	UJ	1.3	UJ
Silver	mg/kg	2.52	390	39.10714286	1200	--	0.27	UJ	5.9		5.7		0.82	UJ	0.21	UJ
Sodium	mg/kg	2766				--	1170		2550		2420		1500		936	
Thallium	mg/kg	6.3	0.78	0.5475	2.3	--	3.3	U	1.1	UJ	1.1	UJ	2.3	U	2.5	U
Vanadium	mg/kg	84.6		54.75		--	42.2		16.3		15.4		18.9		31.5	
Zinc	mg/kg	226.5	23000	2346.428571	70000	--	88.1	J	1300		1290		421	J	85.6	J
Organic																
1,1'-Biphenyl	mg/kg	0.99	51	231.7845284	150	--	0.27	U	20	J	5.6	UJ	5.8	U	0.28	UJv
2-Butanone	mg/kg	0.0288	28000	590.9671771	84000	--	0.015	U	0.91	U	6.9	U	0.012	U	0.029	
2-Methylnaphthalene	mg/kg	0.99	230	22.15593188	690	--	0.27	U	400	J	290	J	24		0.28	U
4,4'-DDT	mg/kg	0.0192	1.7	1.712656495	110	--	0.0052	U	0.0047	UR	0.0047	UR	0.0038	UJ	0.0054	U
Acenaphthylene	mg/kg	0.99		346.6387731		--	0.27	U	6.6	J	5.6	UJ	5.8	U	0.28	U
Acetone	mg/kg	0.057	61000	174.2704067	180000	--	0.015	U	0.91	U	6.9	U	0.084		0.16	
Acetophenone	mg/kg	0.99	7800		23000	--	0.25	UJ	5.9	UJ	5.6	UJ	1.8	UJ	0.11	UJ
Anthracene	mg/kg	0.99	17000	2188.505596	52000	--	0.27	U	7.2	J	32	JN	27		0.28	U
Aroclor-1260	mg/kg	0.192	0.22		22	--	0.053	U	0.047	U	0.048	U	0.087		0.054	U
Benzene	mg/kg	0.0279	1.1	1.486209861	110	--	0.0073	U	0.45	U	1.8	UJ	0.0061	U	0.0073	U
Benzo(a)anthracene	mg/kg	0.99	0.15	0.620205398	15	--	0.27	U	5.9	UJ	5.6	UJ	2.8	UJ	0.28	U
Benzo(a)pyrene	mg/kg	0.99	0.015	0.33	1.5	--	0.27	U	5.9	UJ	5.6	UJ	1.9	UJ	0.28	U
Benzo(b)fluoranthene	mg/kg	0.99	0.15	0.620217342	15	--	0.27	U	5.9	UJ	5.6	UJ	2	UJ	0.28	U
Benzo(g,h,i)perylene	mg/kg	0.99				--	0.27	U	5.9	UJ	5.6	UJ	1.2	UJ	0.28	U
Benzo(k)fluoranthene	mg/kg	0.99	1.5	6.21235289	150	--	0.27	U	5.9	UJ	5.6	UJ	1.6	UJ	0.28	U

Table 1C-Residential
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-04-48-515 08/06/2012 Field Sample		DSE-05-24-525 08/08/2012 Field Duplicate		DSE-05-48-515 08/08/2012 Field Sample		DSE-06-48-515 08/07/2012 Field Sample		DSE-07-48-515 08/06/2012 Field Sample	
beta-BHC	mg/kg	0.0099	0.27	0.291310659	27	--	0.0027	U	0.0024	UR	0.0024	UR	**0.0063**	**J**	0.0028	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.99	35	34.51630075	3500	--	0.27	U	5.9	UJ	5.6	UJ	**1.4**	**LJ**	0.28	UJv
Caprolactam	mg/kg	0.99	31000		92000	--	0.27	U	5.9	UJ	5.6	UJ	5.8	U	0.28	UJv
Chrysene	mg/kg	0.99	15	61.90114483	1500	--	0.27	U	5.9	UJ	5.6	UJ	**4**	**LJ**	0.28	U
Cyclohexane	mg/kg	0.0279	7000		21000	--	0.0073	U	**0.37**	**LJv**	**2**	**LJ**	0.0061	U	0.0073	U
Dibenzofuran	mg/kg	0.99	78	29.31718855	230	--	0.27	U	**18**	**J**	5.6	UJ	5.8	U	0.28	U
Di-n-butylphthalate	mg/kg	0.99	6100		18000	--	**0.059**	**LJ**	5.9	UJ	5.6	UJ	5.8	U	**0.069**	**LJv**
Ethylbenzene	mg/kg	0.0279	5.4	163.6661254	540	--	0.0073	U	**1.8**		**12**		0.0061	U	0.0073	U
Fluoranthene	mg/kg	0.99	2300	224.4277443	6900	--	0.27	U	5.9	UJ	5.6	UJ	**9**		**0.081**	**LJ**
Fluorene	mg/kg	0.99	2300	276.6833948	6900	--	0.27	U	**45**	**J**	**34**	**J**	**4.3**	**LJ**	0.28	U
gamma-Chlordane	mg/kg	0.0099				--	0.0027	U	**0.0018**	**LJN**	**0.0034**	**JN**	**0.002**	**LJ**	0.0028	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.99	0.15	0.621491921	15	--	0.27	U	5.9	UJ	5.6	UJ	**1.2**	**LJ**	0.28	U
Isopropylbenzene	mg/kg	0.0279	2100		6200	--	0.0073	U	**0.8**		**4.8**		**0.025**		0.0073	U
m,p-Xylene	mg/kg	0.0279				--	0.0073	U	**9.7**		**64**		0.0061	U	0.0073	U
Methylcyclohexane	mg/kg	0.0279				--	0.0073	U	**2.1**	**Jv**	**10**		**0.018**	**J^**	0.0073	U
Methylene chloride	mg/kg	0.0279	56	18.69721484	1100	--	0.0073	U	0.45	U	3.5	U	0.0061	U	0.0073	U
Naphthalene	mg/kg	0.99	3.6	6.19574424	360	--	0.27	U	**130**	**J**	**100**	**J**	**7.4**		0.28	U
o-Xylene	mg/kg	0.0279	690		2100	--	0.0073	U	**3.9**		**27**		**0.0025**	**LJ**	0.0073	U
Phenanthrene	mg/kg	0.99		2108.62766		--	0.27	U	**58**	**J**	**34**	**J**	**15**		0.28	U
Pyrene	mg/kg	0.99	1700	229.1608461	5200	--	0.27	U	5.9	UJ	**4**	**LJ**	**6.3**		**0.063**	**LJ**
Toluene	mg/kg	0.0279	5000	67.63078972	15000	--	0.0073	U	**0.77**		**7.8**		0.0061	U	0.0073	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1C-Residential
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-08-48-515 08/07/2012 Field Sample		DSE-10-48-515 08/06/2012 Field Sample		DSE-13-48-515 08/07/2012 Field Sample		DSE-14-48-515 08/09/2012 Field Sample		DSE-14-48-525 08/09/2012 Field Duplicate	
Metals																
Aluminum	mg/kg	28440	77000		230000	--	18100		9290		15500		7990		7840	
Antimony	mg/kg	1.62	31	3.128571429	94	--	2.3	LJ-	9	J-	7.1	J-	1.4	LJ-	1.1	LJ-
Arsenic	mg/kg	15	0.39	11.5	39	--	9.6	J	45.1		63.9		8.5		10.2	
Barium	mg/kg	801	15000	547.5	46000	--	11600	J	7070		12400		6260	J-	3390	J-
Beryllium	mg/kg	3.3	160	15.64285714	470	--	0.94		0.62	J+	1		0.79		0.78	
Cadmium	mg/kg	1.05	70	3.89979486	210	--	0.16	LJ	2.4		0.83		0.74		0.48	LJ
Calcium	mg/kg	23310				--	6400	J	6880		7560		4320		4490	
Chromium	mg/kg	41.1				--	50.9		23.6		36		22.6		15.4	
Cobalt	mg/kg	28.8	23	469.2857143	70	--	7.8		9.9		13.5		5.1	U	6.7	
Copper	mg/kg	78	3100	312.8571429	9400	--	31.6		41.7		41.7		33	J	24.2	J
Iron	mg/kg	39000	55000		160000	--	25200	J	19300		24300		13900		17300	
Lead	mg/kg	78.3	400	400	400	--	86.1		451	J	184	J	124		58.8	
Magnesium	mg/kg	14100				--	4570	J	4130		5750		4250		4040	
Manganese	mg/kg	519	1800			--	125	J	365		473		142	J	257	J
Mercury	mg/kg	0.186	10		30	--	0.13	LJ	0.49		0.25		0.24		0.078	LJ
Nickel	mg/kg	92.4	1500	156.4285714	4600	--	25.9		23.8		32.7		32		29.2	
Potassium	mg/kg	4680				--	2680		1530		2400		1370		1340	
Selenium	mg/kg	6.9	390	39.10714286	1200	--	2	LJ	1.2	LJ	1.7	LJ	2.2	LJ	2.6	LJ
Silver	mg/kg	2.52	390	39.10714286	1200	--	0.34	LJ	1.2		0.8	LJ	0.48	LJ	1	U
Sodium	mg/kg	2766				--	1110		636		579		413	LJ	437	LJ
Thallium	mg/kg	6.3	0.78	0.5475	2.3	--	2.8	U	2.5	U	2.5	U	2.6	UJ	2.6	UJ
Vanadium	mg/kg	84.6		54.75		--	41.9		23.2		35.3		22.4		22.7	
Zinc	mg/kg	226.5	23000	2346.428571	70000	--	91.9	J	402	J	196	J	147	J-	99.3	J-
Organic																
1,1'-Biphenyl	mg/kg	0.99	51	231.7845284	150	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
2-Butanone	mg/kg	0.0288	28000	590.9671771	84000	--	0.18		0.0048	LJ	0.021	U	0.012	U	0.011	U
2-Methylnaphthalene	mg/kg	0.99	230	22.15593188	690	--	0.27	U	0.72		0.26	U	0.25	U	0.22	U
4,4'-DDT	mg/kg	0.0192	1.7	1.712656495	110	--	0.0052	U	0.0046	U	0.0049	U	0.0048	U	0.0042	U
Acenaphthylene	mg/kg	0.99		346.6387731		--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
Acetone	mg/kg	0.057	61000	174.2704067	180000	--	0.7		0.022		0.064		0.012	U	0.011	U
Acetophenone	mg/kg	0.99	7800		23000	--	0.27	U	0.24	U	0.06	LJ	0.25	U	0.22	U
Anthracene	mg/kg	0.99	17000	2188.505596	52000	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
Aroclor-1260	mg/kg	0.192	0.22		22	--	0.051	U	0.046	UJv	0.05	U	0.048	U	0.042	U
Benzene	mg/kg	0.0279	1.1	1.486209861	110	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Benzo(a)anthracene	mg/kg	0.99	0.15	0.620205398	15	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
Benzo(a)pyrene	mg/kg	0.99	0.015	0.33	1.5	--	0.27	UJv	0.24	U	0.26	U	0.25	U	0.22	U
Benzo(b)fluoranthene	mg/kg	0.99	0.15	0.620217342	15	--	0.27	UJv	0.24	U	0.26	U	0.25	U	0.22	U
Benzo(g,h,i)perylene	mg/kg	0.99				--	0.27	UJv	0.24	U	0.26	U	0.25	U	0.22	U
Benzo(k)fluoranthene	mg/kg	0.99	1.5	6.21235289	150	--	0.27	UJv	0.24	U	0.26	U	0.25	U	0.22	U

Table 1C-Residential
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-08-48-515 08/07/2012 Field Sample		DSE-10-48-515 08/06/2012 Field Sample		DSE-13-48-515 08/07/2012 Field Sample		DSE-14-48-515 08/09/2012 Field Sample		DSE-14-48-525 08/09/2012 Field Duplicate	
beta-BHC	mg/kg	0.0099	0.27	0.291310659	27	--	0.0027	U	0.0024	U	0.0025	U	0.0025	U	0.0022	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.99	35	34.51630075	3500	--	**0.092**	**LJ**	0.24	U	0.26	U	0.25	U	0.22	U
Caprolactam	mg/kg	0.99	31000		92000	--	0.27	U	**1.9**		0.26	U	0.25	U	0.22	U
Chrysene	mg/kg	0.99	15	61.90114483	1500	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
Cyclohexane	mg/kg	0.0279	7000		21000	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Dibenzofuran	mg/kg	0.99	78	29.31718855	230	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
Di-n-butylphthalate	mg/kg	0.99	6100		18000	--	**0.081**	**LJ**	0.24	U	**0.062**	**LJ**	**0.065**	**LJ**	0.22	U
Ethylbenzene	mg/kg	0.0279	5.4	163.6661254	540	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Fluoranthene	mg/kg	0.99	2300	224.4277443	6900	--	0.27	U	**0.057**	**LJ**	0.26	U	0.25	U	0.22	U
Fluorene	mg/kg	0.99	2300	276.6833948	6900	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
gamma-Chlordane	mg/kg	0.0099				--	0.0027	U	0.0024	U	0.0025	U	0.0025	U	0.0022	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.99	0.15	0.621491921	15	--	0.27	UJv	0.24	U	0.26	U	0.25	U	0.22	U
Isopropylbenzene	mg/kg	0.0279	2100		6200	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
m,p-Xylene	mg/kg	0.0279				--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Methylcyclohexane	mg/kg	0.0279				--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Methylene chloride	mg/kg	0.0279	56	18.69721484	1100	--	0.0096	U	0.0062	U	**0.0068**	**LJ**	0.0062	U	0.0054	U
Naphthalene	mg/kg	0.99	3.6	6.19574424	360	--	0.27	U	0.24	U	0.26	U	0.25	U	0.22	U
o-Xylene	mg/kg	0.0279	690		2100	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U
Phenanthrene	mg/kg	0.99		2108.62766		--	0.27	U	**0.43**		0.26	U	0.25	U	0.22	U
Pyrene	mg/kg	0.99	1700	229.1608461	5200	--	0.27	U	**0.054**	**LJ**	0.26	U	0.25	U	0.22	U
Toluene	mg/kg	0.0279	5000	67.63078972	15000	--	0.0096	U	0.0062	U	0.01	U	0.0062	U	0.0054	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1C-Residential
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-16-48-515 08/07/2012 Field Sample		DSE-20-48-515 08/08/2012 Field Sample		DSE-21-48-515 08/09/2012 Field Sample	
Metals												
Aluminum	mg/kg	28440	77000		230000	--	**15500**		**13500**		**9480**	
Antimony	mg/kg	1.62	31	3.128571429	94	--	**6.6**	**UJ-**	**1**	**UJ-**	**0.54**	**UJ-**
Arsenic	mg/kg	15	0.39	11.5	39	--	**27.6**	**J**	**8.1**		**5**	
Barium	mg/kg	801	15000	547.5	46000	--	**9530**	**J**	**3500**		**267**	**J-**
Beryllium	mg/kg	3.3	160	15.64285714	470	--	**1.1**		**1.1**		**1.1**	
Cadmium	mg/kg	1.05	70	3.89979486	210	--	**0.73**		0.58	U	**0.35**	**UJ**
Calcium	mg/kg	23310				--	**7610**	**J**	**5450**		**7770**	
Chromium	mg/kg	41.1				--	**23.6**		**20.1**		**13.7**	
Cobalt	mg/kg	28.8	23	469.2857143	70	--	**12.4**		**8**	**J**	**9.6**	
Copper	mg/kg	78	3100	312.8571429	9400	--	**36**		**23.9**		**26**	**J**
Iron	mg/kg	39000	55000		160000	--	**23400**	**J**	**17100**		**13000**	
Lead	mg/kg	78.3	400	400	400	--	**162**		**34.5**		**26.1**	
Magnesium	mg/kg	14100				--	**5790**	**J**	**4880**		**4700**	
Manganese	mg/kg	519	1800			--	**343**	**J**	**193**		**173**	**J**
Mercury	mg/kg	0.186	10		30	--	**0.19**		**0.054**	**UJ**	**0.062**	**UJ**
Nickel	mg/kg	92.4	1500	156.4285714	4600	--	**32.9**		**31.8**	**J**	**30.8**	
Potassium	mg/kg	4680				--	**2510**		**2020**		**1560**	
Selenium	mg/kg	6.9	390	39.10714286	1200	--	**1.6**	**UJ**	**2.8**	**UJ**	**2.3**	**UJ**
Silver	mg/kg	2.52	390	39.10714286	1200	--	**0.51**	**UJ**	1.2	U	0.84	U
Sodium	mg/kg	2766				--	**730**		**586**		**922**	
Thallium	mg/kg	6.3	0.78	0.5475	2.3	--	3	U	2.9	U	2.1	UJ
Vanadium	mg/kg	84.6		54.75		--	**35.3**		**33.4**		**28.2**	
Zinc	mg/kg	226.5	23000	2346.428571	70000	--	**158**	**J**	**78.2**		**75.5**	**J-**
Organic												
1,1'-Biphenyl	mg/kg	0.99	51	231.7845284	150	--	0.28	U	0.31	U	0.33	U
2-Butanone	mg/kg	0.0288	28000	590.9671771	84000	--	0.017	U	0.021	U	**0.0096**	**UJ**
2-Methylnaphthalene	mg/kg	0.99	230	22.15593188	690	--	0.28	U	0.31	U	0.33	U
4,4'-DDT	mg/kg	0.0192	1.7	1.712656495	110	--	0.0054	U	0.0061	U	0.0064	U
Acenaphthylene	mg/kg	0.99		346.6387731		--	0.28	U	0.31	U	0.33	U
Acetone	mg/kg	0.057	61000	174.2704067	180000	--	**0.07**		0.021	U	0.019	U
Acetophenone	mg/kg	0.99	7800		23000	--	**0.071**	**UJ**	**0.19**	**UJ**	0.33	U
Anthracene	mg/kg	0.99	17000	2188.505596	52000	--	0.28	U	0.31	U	0.33	U
Aroclor-1260	mg/kg	0.192	0.22		22	--	0.055	U	0.061	U	0.064	U
Benzene	mg/kg	0.0279	1.1	1.486209861	110	--	0.0083	U	0.01	U	0.0093	U
Benzo(a)anthracene	mg/kg	0.99	0.15	0.620205398	15	--	0.28	U	0.31	U	0.33	U
Benzo(a)pyrene	mg/kg	0.99	0.015	0.33	1.5	--	0.28	U	0.31	U	0.33	U
Benzo(b)fluoranthene	mg/kg	0.99	0.15	0.620217342	15	--	0.28	U	0.31	U	0.33	U
Benzo(g,h,i)perylene	mg/kg	0.99				--	0.28	U	0.31	U	0.33	U
Benzo(k)fluoranthene	mg/kg	0.99	1.5	6.21235289	150	--	0.28	U	0.31	U	0.33	U

Table 1C-Residential
Soil Sample Analytical Results Summary at 48 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-16-48-515 08/07/2012 Field Sample		DSE-20-48-515 08/08/2012 Field Sample		DSE-21-48-515 08/09/2012 Field Sample	
beta-BHC	mg/kg	0.0099	0.27	0.291310659	27	--	0.0028	U	0.0032	U	0.0033	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.99	35	34.51630075	3500	--	0.28	U	0.31	U	0.33	U
Caprolactam	mg/kg	0.99	31000		92000	--	0.28	U	0.31	U	0.33	U
Chrysene	mg/kg	0.99	15	61.90114483	1500	--	0.28	U	0.31	U	0.33	U
Cyclohexane	mg/kg	0.0279	7000		21000	--	0.0083	U	0.01	U	0.0093	U
Dibenzofuran	mg/kg	0.99	78	29.31718855	230	--	0.28	U	0.31	U	0.33	U
Di-n-butylphthalate	mg/kg	0.99	6100		18000	--	**0.079**	**UJ**	**0.063**	**UJ**	0.33	U
Ethylbenzene	mg/kg	0.0279	5.4	163.6661254	540	--	0.0083	U	0.01	U	0.0093	U
Fluoranthene	mg/kg	0.99	2300	224.4277443	6900	--	0.28	U	0.31	U	0.33	U
Fluorene	mg/kg	0.99	2300	276.6833948	6900	--	0.28	U	0.31	U	0.33	U
gamma-Chlordane	mg/kg	0.0099				--	0.0028	U	0.0032	U	0.0033	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.99	0.15	0.621491921	15	--	0.28	U	0.31	U	0.33	U
Isopropylbenzene	mg/kg	0.0279	2100		6200	--	0.0083	U	0.01	U	0.0093	U
m,p-Xylene	mg/kg	0.0279				--	0.0083	U	0.01	U	0.0093	U
Methylcyclohexane	mg/kg	0.0279				--	0.0083	U	0.01	U	0.0093	U
Methylene chloride	mg/kg	0.0279	56	18.69721484	1100	--	**0.0038**	**UJ**	0.01	U	0.0093	U
Naphthalene	mg/kg	0.99	3.6	6.19574424	360	--	0.28	U	0.31	U	0.33	U
o-Xylene	mg/kg	0.0279	690		2100	--	0.0083	U	0.01	U	0.0093	U
Phenanthrene	mg/kg	0.99		2108.62766		--	0.28	U	0.31	U	0.33	U
Pyrene	mg/kg	0.99	1700	229.1608461	5200	--	0.28	U	0.31	U	0.33	U
Toluene	mg/kg	0.0279	5000	67.63078972	15000	--	0.0083	U	0.01	U	0.0093	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1D-Industrial
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-72-515 08/06/2012 Field Sample		DSE-05-72-515 08/08/2012 Field Sample		DSE-06-72-515 08/07/2012 Field Sample		DSE-07-72-515 08/06/2012 Field Sample		DSE-08-72-515 08/07/2012 Field Sample	
Metals																
Aluminum	mg/kg	26130	990000		3000000	--	19200		6410		12200		22900		17200	
Antimony	mg/kg	2.25	410	81.76	1200	--	1.9	UJ-	11.4	J-	4.1	UJ-	2.4	UJ-	2.7	UJ-
Arsenic	mg/kg	17.1	1.6	11.5	160	--	12.4		30.9		20.1	J	11.1		14.8	J
Barium	mg/kg	1584	190000	14308	570000	--	2970		7000		11000	J	301		7030	J
Beryllium	mg/kg	3	2000	408.8	6000	--	1.3		0.58		0.83		1.4		1	
Cadmium	mg/kg	0.63	800	100.8685353	2400	--	0.31	UJ	6.8	J+	1.9		0.11	UJ	0.55	UJ
Calcium	mg/kg	22380				--	14700		19600		13900	J	10800		7770	J
Chromium	mg/kg	37.5				--	22.8		393		65.3		22.8		28.8	
Cobalt	mg/kg	24.6	300	12264	910	--	12.6		5.6	J	10.9		20.9		10.4	
Copper	mg/kg	77.1	41000	8176	120000	--	26		79.6		115		23.3		33.2	
Iron	mg/kg	63600	720000		2100000	--	23100		21500		25200	J	65700		27800	J
Lead	mg/kg	91.2	800	1400	800	--	52.6	J	931		280		32.4	J	88.9	
Magnesium	mg/kg	11760				--	6160		3630		4270	J	7520		5260	J
Manganese	mg/kg	2523	23000			--	343		703		521	J	4530		282	J
Mercury	mg/kg	0.096	43		130	--	0.061	UJ	1.6		0.38		0.04	UJ	0.1	UJ
Nickel	mg/kg	67.2	20000	4088	59000	--	30		22.4	J	31.5		39		33.8	
Potassium	mg/kg	3630				--	2530		1360		2000		3130		2640	
Selenium	mg/kg	8.1	5100	1022	15000	--	2	UJ	2.6	UJ	2	UJ	3.4	UJ	2.2	UJ
Silver	mg/kg	2.58	5100	1022	15000	--	0.19	UJ	4.9		1	UJ	1	UJ	0.39	UJ
Sodium	mg/kg	3060				--	1300		2280		1570		1330		1490	
Thallium	mg/kg	6.6	10	14.308	31	--	2.7	U	0.52	UJ	2.7	U	1.6	UJ	3.4	U
Vanadium	mg/kg	81		1430.8		--	41.8		18.1		29.6		53.9		40.9	
Zinc	mg/kg	199.5	310000	61320	920000	--	109	J	1070		511	J	104	J	200	J
Organic																
1,1'-Biphenyl	mg/kg	1.17	210	231.7845284	640	--	0.27	U	11	J	0.55	Jv	0.27	U	0.29	U
2-Butanone	mg/kg	0.108	200000	4351.295519	590000	--	0.026		3.8	U	0.024	U	0.025		0.029	
2-Methylnaphthalene	mg/kg	1.17	2200	165.2673834	6600	--	0.27	U	200	J	41		0.27	U	0.062	UJ
Acenaphthene	mg/kg	1.17	33000	6124.439919	99000	--	0.27	U	5.4	UJ	0.97		0.27	U	0.29	U
Acetone	mg/kg	0.36	630000	1394.143988	1900000	--	0.11		3.8	U	0.12		0.19		0.096	
Acetophenone	mg/kg	1.17	100000		310000	--	0.11	UJ	5.4	UJ	0.79		0.27	U	0.29	U
alpha-Chlordane	mg/kg	0.0117				--	0.0026	U	0.0025	U	0.0034	U	0.0027	U	0.0029	U
Anthracene	mg/kg	1.17	170000	47808.42095	500000	--	0.27	U	2.2	UJ	1.5		0.27	U	0.25	UJ
Aroclor-1254	mg/kg	0.231	0.74		32	--	0.051	U	0.049	U	0.067	U	0.052	U	0.054	U
Aroclor-1260	mg/kg	0.231	0.74		74	--	0.051	U	0.049	U	0.075	J	0.052	U	0.054	U
Benzene	mg/kg	0.042	5.4	3.083911025	540	--	0.0064	U	1.1	UJ	0.012	U	0.0068	U	0.0098	U
Benzo(a)anthracene	mg/kg	1.17	2.1	2.868199367	210	--	0.27	U	5.4	UJ	0.34	UJ	0.27	U	0.29	U
Benzo(a)pyrene	mg/kg	1.17	0.21	0.33	21	--	0.27	U	5.4	UJ	0.33	UJv	0.27	U	0.29	U
Benzo(b)fluoranthene	mg/kg	1.17	2.1	2.868329304	210	--	0.27	U	5.4	UJ	0.39	Jv	0.27	U	0.29	U

Table 1D-Industrial
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-72-515 08/06/2012 Field Sample		DSE-05-72-515 08/08/2012 Field Sample		DSE-06-72-515 08/07/2012 Field Sample		DSE-07-72-515 08/06/2012 Field Sample		DSE-08-72-515 08/07/2012 Field Sample	
Benzo(g,h,i)perylene	mg/kg	1.17				--	0.27	U	5.4	UJ	**0.46**	**Jv**	0.27	U	0.29	U
Benzo(k)fluoranthene	mg/kg	1.17	21	28.79427687	2100	--	0.27	U	5.4	UJ	**0.3**	**LJv**	0.27	U	0.29	U
Bis(2-ethylhexyl)phthalate	mg/kg	1.17	120	173.0325248	12000	--	0.27	U	5.4	UJ	**0.19**	**LJv**	0.27	U	**0.14**	**LJ**
Carbazole	mg/kg	1.17				--	0.27	U	5.4	UJ	**0.84**		0.27	U	0.29	U
Carbon disulfide	mg/kg	0.042	3700	250.6974251	11000	--	0.0064	U	1.9	U	0.012	U	0.0068	U	0.0098	U
Chrysene	mg/kg	1.17	210	285.5245365	21000	--	0.27	U	5.4	UJ	**0.61**		0.27	U	0.29	U
Cyclohexane	mg/kg	0.042	29000		88000	--	0.0064	U	**1.1**	**LJ**	0.012	U	0.0068	U	0.0098	U
Dibenzo(a,h)anthracene	mg/kg	1.17	0.21	0.33	21	--	0.27	U	5.4	UJ	**0.11**	**LJv**	0.27	U	0.29	U
Dibenzofuran	mg/kg	1.17	1000	151.6010855	3100	--	0.27	U	**9.4**	**J**	**0.6**		0.27	U	0.29	U
Di-n-butylphthalate	mg/kg	1.17	62000		180000	--	0.27	U	5.4	UJ	0.35	UR	0.27	U	0.29	U
Endosulfan sulfate	mg/kg	0.0231				--	0.0051	U	0.0049	U	0.0067	U	0.0052	U	0.0055	U
Ethylbenzene	mg/kg	0.042	27	232.5016836	2700	--	0.0064	U	1.9	U	**0.0049**	**LJ**	0.0068	U	0.0098	U
Fluoranthene	mg/kg	1.17	22000	2885.39429	66000	--	0.27	U	5.4	UJ	**0.62**		0.27	U	0.29	U
Fluorene	mg/kg	1.17	22000	5407.219769	66000	--	0.27	U	**22**	**J**	**1.3**		0.27	U	**0.11**	**LJ**
Indeno(1,2,3-cd)pyrene	mg/kg	1.17	2.1	2.882233474	210	--	0.27	U	5.4	UJ	**0.26**	**LJv**	0.27	U	0.29	U
Isopropylbenzene	mg/kg	0.042	11000		32000	--	0.0064	U	**2.8**		**0.0081**	**LJ**	0.0068	U	0.0098	U
m,p-Xylene	mg/kg	0.042				--	0.0064	U	**38**		**0.0063**	**LJ**	0.0068	U	0.0098	U
Methyl acetate	mg/kg	0.042	1000000		3100000	--	0.0064	U	**2**		0.012	U	0.0068	U	0.0098	U
Methylcyclohexane	mg/kg	0.042				--	0.0064	U	**6.2**		**0.0062**	**LJ**	0.0068	U	0.0098	U
Naphthalene	mg/kg	1.17	18	42.59771533	1800	--	0.27	U	**76**	**J**	**11**		0.27	U	0.29	U
o-Xylene	mg/kg	0.042	3000		9000	--	0.0064	U	**17**		**0.0098**	**LJ**	0.0068	U	0.0098	U
Phenanthrene	mg/kg	1.17		42533.41269		--	0.27	U	**24**	**J**	**3.9**		0.27	U	**0.25**	**LJ**
Phenol	mg/kg	1.17	180000	14532.1499	550000	--	0.27	U	5.4	UJ	0.35	U	0.27	U	0.29	U
Pyrene	mg/kg	1.17	17000	5606.69618	50000	--	0.27	U	**2.5**	**LJ**	**0.96**		0.27	U	0.29	U
Toluene	mg/kg	0.042	45000	466.2808173	140000	--	0.0064	U	**7.2**		0.012	U	0.0068	U	0.0098	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
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- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1D-Industrial
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-10-72-515 08/06/2012 Field Sample		DSE-13-72-515 08/07/2012 Field Sample		DSE-14-72-515 08/09/2012 Field Sample		DSE-16-72-515 08/07/2012 Field Sample		DSE-20-72-515 08/08/2012 Field Sample	
Metals																
Aluminum	mg/kg	26130	990000		3000000	--	**7760**		**22900**		**8830**		**20900**		**20300**	
Antimony	mg/kg	2.25	410	81.76	1200	--	**11.9**	J-	**2.5**	LJ-	**0.88**	LJ-	**1.6**	LJ-	**2**	LJ-
Arsenic	mg/kg	17.1	1.6	11.5	160	--	**46.9**		**8.1**	J	**7.1**		**9.5**	J	**16.9**	J
Barium	mg/kg	1584	190000	14308	570000	--	**7020**		**426**	J	**2790**	J-	**2520**	J	**2190**	J
Beryllium	mg/kg	3	2000	408.8	6000	--	**0.62**	J+	**1.1**		**0.74**		**1.3**		**1.4**	
Cadmium	mg/kg	0.63	800	100.8685353	2400	--	**4.5**		**1**		**0.45**	LJ	**0.22**	LJ	**0.89**	
Calcium	mg/kg	22380				--	**7390**		**13000**	J	**4720**		**9480**	J	**10500**	J
Chromium	mg/kg	37.5				--	**24.3**		**22.3**		**17.9**		**21.5**		**22.6**	
Cobalt	mg/kg	24.6	300	12264	910	--	**8.9**		**22.4**		**8.3**		**11.7**		**22.2**	
Copper	mg/kg	77.1	41000	8176	120000	--	**54.7**		**16**		**22**	J	**27.5**		**32**	
Iron	mg/kg	63600	720000		2100000	--	**21200**		**80800**	J	**17000**		**25100**	J	**39400**	J
Lead	mg/kg	91.2	800	1400	800	--	**741**	J	**41.7**		**50.3**		**40.5**		**46.7**	
Magnesium	mg/kg	11760				--	**3590**		**7090**	J	**4160**		**7300**	J	**6760**	J
Manganese	mg/kg	2523	23000			--	**479**		**2430**	J	**387**	J	**377**	J	**322**	J
Mercury	mg/kg	0.096	43		130	--	**1.4**		**0.038**	LJ	**0.16**		**0.068**	LJ	**0.024**	LJ
Nickel	mg/kg	67.2	20000	4088	59000	--	**21.3**		**37.7**		**25.9**		**31.2**		**63.8**	
Potassium	mg/kg	3630				--	**1260**		**3140**		**1490**		**3340**		**3310**	
Selenium	mg/kg	8.1	5100	1022	15000	--	**1.6**	LJ	**3.3**	LJ	**2.4**	LJ	**2.6**	LJ	**2.4**	LJ
Silver	mg/kg	2.58	5100	1022	15000	--	**2.8**		**0.79**	LJ	**0.15**	LJ	**0.22**	LJ	**0.2**	LJ
Sodium	mg/kg	3060				--	**581**		**1400**		**708**		**1450**		**851**	
Thallium	mg/kg	6.6	10	14.308	31	--	2.5	U	**0.57**	LJ	2.7	UJ	3.4	U	2	U
Vanadium	mg/kg	81		1430.8		--	**21**		**48.8**		**23.9**		**46.2**		**48.6**	
Zinc	mg/kg	199.5	310000	61320	920000	--	**684**	J	**95.5**	J	**107**	J-	**134**	J	**118**	J
Organic																
1,1'-Biphenyl	mg/kg	1.17	210	231.7845284	640	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	UJv
2-Butanone	mg/kg	0.108	200000	4351.295519	590000	--	**0.019**		0.015	U	0.012	U	0.022	U	**0.039**	
2-Methylnaphthalene	mg/kg	1.17	2200	165.2673834	6600	--	**3.1**		0.28	U	0.24	U	0.32	U	0.4	U
Acenaphthene	mg/kg	1.17	33000	6124.439919	99000	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Acetone	mg/kg	0.36	630000	1394.143988	1900000	--	**0.026**		**0.031**		0.012	U	**0.035**		0.032	U
Acetophenone	mg/kg	1.17	100000		310000	--	0.23	U	**0.17**	LJ	0.24	U	**0.19**	LJ	0.4	U
alpha-Chlordane	mg/kg	0.0117				--	0.0023	U	**0.0014**	LJ	0.0024	U	**0.0016**	LJ	0.004	U
Anthracene	mg/kg	1.17	170000	47808.42095	500000	--	**0.2**	LJ	0.28	U	0.24	U	0.32	U	0.4	U
Aroclor-1254	mg/kg	0.231	0.74		32	--	**0.035**	LJ	0.054	U	0.047	U	0.061	U	0.078	U
Aroclor-1260	mg/kg	0.231	0.74		74	--	0.045	U	0.054	U	0.047	U	0.061	U	0.078	U
Benzene	mg/kg	0.042	5.4	3.083911025	540	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U
Benzo(a)anthracene	mg/kg	1.17	2.1	2.868199367	210	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Benzo(a)pyrene	mg/kg	1.17	0.21	0.33	21	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Benzo(b)fluoranthene	mg/kg	1.17	2.1	2.868329304	210	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U

Table 1D-Industrial
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-10-72-515 08/06/2012 Field Sample		DSE-13-72-515 08/07/2012 Field Sample		DSE-14-72-515 08/09/2012 Field Sample		DSE-16-72-515 08/07/2012 Field Sample		DSE-20-72-515 08/08/2012 Field Sample	
Benzo(g,h,i)perylene	mg/kg	1.17				--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Benzo(k)fluoranthene	mg/kg	1.17	21	28.79427687	2100	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Bis(2-ethylhexyl)phthalate	mg/kg	1.17	120	173.0325248	12000	--	0.23	U	0.28	U	0.24	U	**0.099**	**LJ**	**0.12**	**LJv**
Carbazole	mg/kg	1.17				--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	UJv
Carbon disulfide	mg/kg	0.042	3700	250.6974251	11000	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	**0.012**	**LJ**
Chrysene	mg/kg	1.17	210	285.5245365	21000	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Cyclohexane	mg/kg	0.042	29000		88000	--	**0.0027**	**LJ**	0.0076	U	0.0062	U	0.011	U	0.016	U
Dibenzo(a,h)anthracene	mg/kg	1.17	0.21	0.33	21	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Dibenzofuran	mg/kg	1.17	1000	151.6010855	3100	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	UJv
Di-n-butylphthalate	mg/kg	1.17	62000		180000	--	0.23	U	**0.074**	**LJ**	**0.048**	**LJ**	**0.1**	**LJ**	**0.095**	**LJv**
Endosulfan sulfate	mg/kg	0.0231				--	0.0045	U	0.0053	U	0.0047	U	**0.0049**	**LJ**	0.0077	U
Ethylbenzene	mg/kg	0.042	27	232.5016836	2700	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U
Fluoranthene	mg/kg	1.17	22000	2885.39429	66000	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Fluorene	mg/kg	1.17	22000	5407.219769	66000	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	UJv
Indeno(1,2,3-cd)pyrene	mg/kg	1.17	2.1	2.882233474	210	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Isopropylbenzene	mg/kg	0.042	11000		32000	--	**0.0059**	**LJ**	0.0076	U	0.0062	U	0.011	U	0.016	U
m,p-Xylene	mg/kg	0.042				--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U
Methyl acetate	mg/kg	0.042	1000000		3100000	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U
Methylcyclohexane	mg/kg	0.042				--	**0.016**	**J^**	0.0076	U	0.0062	U	0.011	U	0.016	U
Naphthalene	mg/kg	1.17	18	42.59771533	1800	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
o-Xylene	mg/kg	0.042	3000		9000	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U
Phenanthrene	mg/kg	1.17		42533.41269		--	**2**		0.28	U	0.24	U	0.32	U	0.4	U
Phenol	mg/kg	1.17	180000	14532.1499	550000	--	0.23	U	**0.084**	**LJ**	0.24	U	**0.09**	**LJ**	0.4	U
Pyrene	mg/kg	1.17	17000	5606.69618	50000	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Toluene	mg/kg	0.042	45000	466.2808173	140000	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1D-Industrial
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-21-72-515 08/09/2012 Field Sample	
Metals								
Aluminum	mg/kg	26130	990000		3000000	--	**8710**	
Antimony	mg/kg	2.25	410	81.76	1200	--	**0.75**	**LJ-**
Arsenic	mg/kg	17.1	1.6	11.5	160	--	**5.7**	
Barium	mg/kg	1584	190000	14308	570000	--	**528**	**J-**
Beryllium	mg/kg	3	2000	408.8	6000	--	**1**	
Cadmium	mg/kg	0.63	800	100.8685353	2400	--	**0.21**	**LJ**
Calcium	mg/kg	22380				--	**7460**	
Chromium	mg/kg	37.5				--	**12.5**	
Cobalt	mg/kg	24.6	300	12264	910	--	**8.2**	
Copper	mg/kg	77.1	41000	8176	120000	--	**25.7**	**J**
Iron	mg/kg	63600	720000		2100000	--	**21200**	
Lead	mg/kg	91.2	800	1400	800	--	**30.4**	
Magnesium	mg/kg	11760				--	**3920**	
Manganese	mg/kg	2523	23000			--	**841**	**J**
Mercury	mg/kg	0.096	43		130	--	**0.032**	**LJ**
Nickel	mg/kg	67.2	20000	4088	59000	--	**22.4**	
Potassium	mg/kg	3630				--	**1210**	
Selenium	mg/kg	8.1	5100	1022	15000	--	**2.7**	**LJ**
Silver	mg/kg	2.58	5100	1022	15000	--	0.86	U
Sodium	mg/kg	3060				--	**1020**	
Thallium	mg/kg	6.6	10	14.308	31	--	2.2	UJ
Vanadium	mg/kg	81		1430.8		--	**27**	
Zinc	mg/kg	199.5	310000	61320	920000	--	**66.5**	**J-**
Organic								
1,1'-Biphenyl	mg/kg	1.17	210	231.7845284	640	--	0.39	U
2-Butanone	mg/kg	0.108	200000	4351.295519	590000	--	**0.036**	
2-Methylnaphthalene	mg/kg	1.17	2200	165.2673834	6600	--	0.39	U
Acenaphthene	mg/kg	1.17	33000	6124.439919	99000	--	0.39	U
Acetone	mg/kg	0.36	630000	1394.143988	1900000	--	**0.12**	
Acetophenone	mg/kg	1.17	100000		310000	--	0.39	U
alpha-Chlordane	mg/kg	0.0117				--	0.0039	U
Anthracene	mg/kg	1.17	170000	47808.42095	500000	--	0.39	U
Aroclor-1254	mg/kg	0.231	0.74		32	--	0.077	U
Aroclor-1260	mg/kg	0.231	0.74		74	--	0.077	U
Benzene	mg/kg	0.042	5.4	3.083911025	540	--	0.014	U
Benzo(a)anthracene	mg/kg	1.17	2.1	2.868199367	210	--	0.39	U
Benzo(a)pyrene	mg/kg	1.17	0.21	0.33	21	--	0.39	U
Benzo(b)fluoranthene	mg/kg	1.17	2.1	2.868329304	210	--	0.39	U

Table 1D-Industrial
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-21-72-515 08/09/2012 Field Sample	
Benzo(g,h,i)perylene	mg/kg	1.17				--	0.39	U
Benzo(k)fluoranthene	mg/kg	1.17	21	28.79427687	2100	--	0.39	U
Bis(2-ethylhexyl)phthalate	mg/kg	1.17	120	173.0325248	12000	--	0.39	U
Carbazole	mg/kg	1.17				--	0.39	U
Carbon disulfide	mg/kg	0.042	3700	250.6974251	11000	--	0.014	U
Chrysene	mg/kg	1.17	210	285.5245365	21000	--	0.39	U
Cyclohexane	mg/kg	0.042	29000		88000	--	0.014	U
Dibenzo(a,h)anthracene	mg/kg	1.17	0.21	0.33	21	--	0.39	U
Dibenzofuran	mg/kg	1.17	1000	151.6010855	3100	--	0.39	U
Di-n-butylphthalate	mg/kg	1.17	62000		180000	--	0.39	U
Endosulfan sulfate	mg/kg	0.0231				--	0.0077	U
Ethylbenzene	mg/kg	0.042	27	232.5016836	2700	--	0.014	U
Fluoranthene	mg/kg	1.17	22000	2885.39429	66000	--	0.39	U
Fluorene	mg/kg	1.17	22000	5407.219769	66000	--	0.39	U
Indeno(1,2,3-cd)pyrene	mg/kg	1.17	2.1	2.882233474	210	--	0.39	U
Isopropylbenzene	mg/kg	0.042	11000		32000	--	0.014	U
m,p-Xylene	mg/kg	0.042				--	0.014	U
Methyl acetate	mg/kg	0.042	1000000		3100000	--	0.014	U
Methylcyclohexane	mg/kg	0.042				--	0.014	U
Naphthalene	mg/kg	1.17	18	42.59771533	1800	--	0.39	U
o-Xylene	mg/kg	0.042	3000		9000	--	0.014	U
Phenanthrene	mg/kg	1.17		42533.41269		--	0.39	U
Phenol	mg/kg	1.17	180000	14532.1499	550000	--	0.39	U
Pyrene	mg/kg	1.17	17000	5606.69618	50000	--	0.39	U
Toluene	mg/kg	0.042	45000	466.2808173	140000	--	0.014	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1D-Residential
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-04-72-515 08/06/2012 Field Sample		DSE-05-72-515 08/08/2012 Field Sample		DSE-06-72-515 08/07/2012 Field Sample		DSE-07-72-515 08/06/2012 Field Sample		DSE-08-72-515 08/07/2012 Field Sample	
Metals																
Aluminum	mg/kg	26130	77000		230000	--	19200		6410		12200		22900		17200	
Antimony	mg/kg	2.25	31	3.128571429	94	--	1.9	UJ-	11.4	J-	4.1	UJ-	2.4	UJ-	2.7	UJ-
Arsenic	mg/kg	17.1	0.39	11.5	39	--	12.4		30.9		20.1	J	11.1		14.8	J
Barium	mg/kg	1584	15000	547.5	46000	--	2970		7000		11000	J	301		7030	J
Beryllium	mg/kg	3	160	15.64285714	470	--	1.3		0.58		0.83		1.4		1	
Cadmium	mg/kg	0.63	70	3.89979486	210	--	0.31	UJ	6.8	J+	1.9		0.11	UJ	0.55	UJ
Calcium	mg/kg	22380				--	14700		19600		13900	J	10800		7770	J
Chromium	mg/kg	37.5				--	22.8		393		65.3		22.8		28.8	
Cobalt	mg/kg	24.6	23	469.2857143	70	--	12.6		5.6	J	10.9		20.9		10.4	
Copper	mg/kg	77.1	3100	312.8571429	9400	--	26		79.6		115		23.3		33.2	
Iron	mg/kg	63600	55000		160000	--	23100		21500		25200	J	65700		27800	J
Lead	mg/kg	91.2	400	400	400	--	52.6	J	931		280		32.4	J	88.9	
Magnesium	mg/kg	11760				--	6160		3630		4270	J	7520		5260	J
Manganese	mg/kg	2523	1800			--	343		703		521	J	4530		282	J
Mercury	mg/kg	0.096	10		30	--	0.061	UJ	1.6		0.38		0.04	UJ	0.1	UJ
Nickel	mg/kg	67.2	1500	156.4285714	4600	--	30		22.4	J	31.5		39		33.8	
Potassium	mg/kg	3630				--	2530		1360		2000		3130		2640	
Selenium	mg/kg	8.1	390	39.10714286	1200	--	2	UJ	2.6	UJ	2	UJ	3.4	UJ	2.2	UJ
Silver	mg/kg	2.58	390	39.10714286	1200	--	0.19	UJ	4.9		1	UJ	1	UJ	0.39	UJ
Sodium	mg/kg	3060				--	1300		2280		1570		1330		1490	
Thallium	mg/kg	6.6	0.78	0.5475	2.3	--	2.7	U	0.52	UJ	2.7	U	1.6	UJ	3.4	U
Vanadium	mg/kg	81		54.75		--	41.8		18.1		29.6		53.9		40.9	
Zinc	mg/kg	199.5	23000	2346.428571	70000	--	109	J	1070		511	J	104	J	200	J
Organic																
1,1'-Biphenyl	mg/kg	1.17	51	231.7845284	150	--	0.27	U	11	J	0.55	Jv	0.27	U	0.29	U
2-Butanone	mg/kg	0.108	28000	590.9671771	84000	--	0.026		3.8	U	0.024	U	0.025		0.029	
2-Methylnaphthalene	mg/kg	1.17	230	22.15593188	690	--	0.27	U	200	J	41		0.27	U	0.062	UJ
Acenaphthene	mg/kg	1.17	3400	373.6479476	10000	--	0.27	U	5.4	UJ	0.97		0.27	U	0.29	U
Acetone	mg/kg	0.36	61000	174.2704067	180000	--	0.11		3.8	U	0.12		0.19		0.096	
Acetophenone	mg/kg	1.17	7800		23000	--	0.11	UJ	5.4	UJ	0.79		0.27	U	0.29	U
alpha-Chlordane	mg/kg	0.0117				--	0.0026	U	0.0025	U	0.0034	U	0.0027	U	0.0029	U
Anthracene	mg/kg	1.17	17000	2188.505596	52000	--	0.27	U	2.2	UJ	1.5		0.27	U	0.25	UJ
Aroclor-1254	mg/kg	0.231	0.22		3.4	--	0.051	U	0.049	U	0.067	U	0.052	U	0.054	U
Aroclor-1260	mg/kg	0.231	0.22		22	--	0.051	U	0.049	U	0.075	J	0.052	U	0.054	U
Benzene	mg/kg	0.042	1.1	1.486209861	110	--	0.0064	U	1.1	UJ	0.012	U	0.0068	U	0.0098	U
Benzo(a)anthracene	mg/kg	1.17	0.15	0.620205398	15	--	0.27	U	5.4	UJ	0.34	UJ	0.27	U	0.29	U
Benzo(a)pyrene	mg/kg	1.17	0.015	0.33	1.5	--	0.27	U	5.4	UJ	0.33	UJv	0.27	U	0.29	U
Benzo(b)fluoranthene	mg/kg	1.17	0.15	0.620217342	15	--	0.27	U	5.4	UJ	0.39	Jv	0.27	U	0.29	U
Benzo(g,h,i)perylene	mg/kg	1.17				--	0.27	U	5.4	UJ	0.46	Jv	0.27	U	0.29	U

Table 1D-Residential
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-04-72-515 08/06/2012 Field Sample		DSE-05-72-515 08/08/2012 Field Sample		DSE-06-72-515 08/07/2012 Field Sample		DSE-07-72-515 08/06/2012 Field Sample		DSE-08-72-515 08/07/2012 Field Sample	
Benzo(k)fluoranthene	mg/kg	1.17	1.5	6.21235289	150	--	0.27	U	5.4	UJ	**0.3**	**LJv**	0.27	U	0.29	U
Bis(2-ethylhexyl)phthalate	mg/kg	1.17	35	34.51630075	3500	--	0.27	U	5.4	UJ	**0.19**	**LJv**	0.27	U	**0.14**	**LJ**
Carbazole	mg/kg	1.17				--	0.27	U	5.4	UJ	**0.84**		0.27	U	0.29	U
Carbon disulfide	mg/kg	0.042	820	36.27397069	2500	--	0.0064	U	1.9	U	0.012	U	0.0068	U	0.0098	U
Chrysene	mg/kg	1.17	15	61.90114483	1500	--	0.27	U	5.4	UJ	**0.61**		0.27	U	0.29	U
Cyclohexane	mg/kg	0.042	7000		21000	--	0.0064	U	**1.1**	**LJ**	0.012	U	0.0068	U	0.0098	U
Dibenzo(a,h)anthracene	mg/kg	1.17	0.015	0.33	1.5	--	0.27	U	5.4	UJ	**0.11**	**LJv**	0.27	U	0.29	U
Dibenzofuran	mg/kg	1.17	78	29.31718855	230	--	0.27	U	**9.4**	**J**	**0.6**		0.27	U	0.29	U
Di-n-butylphthalate	mg/kg	1.17	6100		18000	--	0.27	U	5.4	UJ	0.35	UR	0.27	U	0.29	U
Endosulfan sulfate	mg/kg	0.0231				--	0.0051	U	0.0049	U	0.0067	U	0.0052	U	0.0055	U
Ethylbenzene	mg/kg	0.042	5.4	163.6661254	540	--	0.0064	U	1.9	U	**0.0049**	**LJ**	0.0068	U	0.0098	U
Fluoranthene	mg/kg	1.17	2300	224.4277443	6900	--	0.27	U	5.4	UJ	**0.62**		0.27	U	0.29	U
Fluorene	mg/kg	1.17	2300	276.6833948	6900	--	0.27	U	**22**	**J**	**1.3**		0.27	U	**0.11**	**LJ**
Indeno(1,2,3-cd)pyrene	mg/kg	1.17	0.15	0.621491921	15	--	0.27	U	5.4	UJ	**0.26**	**LJv**	0.27	U	0.29	U
Isopropylbenzene	mg/kg	0.042	2100		6200	--	0.0064	U	**2.8**		**0.0081**	**LJ**	0.0068	U	0.0098	U
m,p-Xylene	mg/kg	0.042				--	0.0064	U	**38**		**0.0063**	**LJ**	0.0068	U	0.0098	U
Methyl acetate	mg/kg	0.042	78000		230000	--	0.0064	U	**2**		0.012	U	0.0068	U	0.0098	U
Methylcyclohexane	mg/kg	0.042				--	0.0064	U	**6.2**		**0.0062**	**LJ**	0.0068	U	0.0098	U
Naphthalene	mg/kg	1.17	3.6	6.19574424	360	--	0.27	U	**76**	**J**	**11**		0.27	U	0.29	U
o-Xylene	mg/kg	0.042	690		2100	--	0.0064	U	**17**		**0.0098**	**LJ**	0.0068	U	0.0098	U
Phenanthrene	mg/kg	1.17		2108.62766		--	0.27	U	**24**	**J**	**3.9**		0.27	U	**0.25**	**LJ**
Phenol	mg/kg	1.17	18000	1287.794675	55000	--	0.27	U	5.4	UJ	0.35	U	0.27	U	0.29	U
Pyrene	mg/kg	1.17	1700	229.1608461	5200	--	0.27	U	**2.5**	**LJ**	**0.96**		0.27	U	0.29	U
Toluene	mg/kg	0.042	5000	67.63078972	15000	--	0.0064	U	**7.2**		0.012	U	0.0068	U	0.0098	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1D-Residential
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-10-72-515 08/06/2012 Field Sample		DSE-13-72-515 08/07/2012 Field Sample		DSE-14-72-515 08/09/2012 Field Sample		DSE-16-72-515 08/07/2012 Field Sample		DSE-20-72-515 08/08/2012 Field Sample	
Metals																
Aluminum	mg/kg	26130	77000		230000	--	7760		22900		8830		20900		20300	
Antimony	mg/kg	2.25	31	3.128571429	94	--	11.9	J-	2.5	LJ-	0.88	LJ-	1.6	LJ-	2	LJ-
Arsenic	mg/kg	17.1	0.39	11.5	39	--	46.9		8.1	J	7.1		9.5	J	16.9	J
Barium	mg/kg	1584	15000	547.5	46000	--	7020		426	J	2790	J-	2520	J	2190	J
Beryllium	mg/kg	3	160	15.64285714	470	--	0.62	J+	1.1		0.74		1.3		1.4	
Cadmium	mg/kg	0.63	70	3.89979486	210	--	4.5		1		0.45	LJ	0.22	LJ	0.89	
Calcium	mg/kg	22380				--	7390		13000	J	4720		9480	J	10500	J
Chromium	mg/kg	37.5				--	24.3		22.3		17.9		21.5		22.6	
Cobalt	mg/kg	24.6	23	469.2857143	70	--	8.9		22.4		8.3		11.7		22.2	
Copper	mg/kg	77.1	3100	312.8571429	9400	--	54.7		16		22	J	27.5		32	
Iron	mg/kg	63600	55000		160000	--	21200		80800	J	17000		25100	J	39400	J
Lead	mg/kg	91.2	400	400	400	--	741	J	41.7		50.3		40.5		46.7	
Magnesium	mg/kg	11760				--	3590		7090	J	4160		7300	J	6760	J
Manganese	mg/kg	2523	1800			--	479		2430	J	387	J	377	J	322	J
Mercury	mg/kg	0.096	10		30	--	1.4		0.038	LJ	0.16		0.068	LJ	0.024	LJ
Nickel	mg/kg	67.2	1500	156.4285714	4600	--	21.3		37.7		25.9		31.2		63.8	
Potassium	mg/kg	3630				--	1260		3140		1490		3340		3310	
Selenium	mg/kg	8.1	390	39.10714286	1200	--	1.6	LJ	3.3	LJ	2.4	LJ	2.6	LJ	2.4	LJ
Silver	mg/kg	2.58	390	39.10714286	1200	--	2.8		0.79	LJ	0.15	LJ	0.22	LJ	0.2	LJ
Sodium	mg/kg	3060				--	581		1400		708		1450		851	
Thallium	mg/kg	6.6	0.78	0.5475	2.3	--	2.5	U	0.57	LJ	2.7	UJ	3.4	U	2	U
Vanadium	mg/kg	81		54.75		--	21		48.8		23.9		46.2		48.6	
Zinc	mg/kg	199.5	23000	2346.428571	70000	--	684	J	95.5	J	107	J-	134	J	118	J
Organic																
1,1'-Biphenyl	mg/kg	1.17	51	231.7845284	150	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	UJv
2-Butanone	mg/kg	0.108	28000	590.9671771	84000	--	0.019		0.015	U	0.012	U	0.022	U	0.039	
2-Methylnaphthalene	mg/kg	1.17	230	22.15593188	690	--	3.1		0.28	U	0.24	U	0.32	U	0.4	U
Acenaphthene	mg/kg	1.17	3400	373.6479476	10000	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Acetone	mg/kg	0.36	61000	174.2704067	180000	--	0.026		0.031		0.012	U	0.035		0.032	U
Acetophenone	mg/kg	1.17	7800		23000	--	0.23	U	0.17	LJ	0.24	U	0.19	LJ	0.4	U
alpha-Chlordane	mg/kg	0.0117				--	0.0023	U	0.0014	LJ	0.0024	U	0.0016	LJ	0.004	U
Anthracene	mg/kg	1.17	17000	2188.505596	52000	--	0.2	LJ	0.28	U	0.24	U	0.32	U	0.4	U
Aroclor-1254	mg/kg	0.231	0.22		3.4	--	0.035	LJ	0.054	U	0.047	U	0.061	U	0.078	U
Aroclor-1260	mg/kg	0.231	0.22		22	--	0.045	U	0.054	U	0.047	U	0.061	U	0.078	U
Benzene	mg/kg	0.042	1.1	1.486209861	110	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U
Benzo(a)anthracene	mg/kg	1.17	0.15	0.620205398	15	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Benzo(a)pyrene	mg/kg	1.17	0.015	0.33	1.5	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Benzo(b)fluoranthene	mg/kg	1.17	0.15	0.620217342	15	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Benzo(g,h,i)perylene	mg/kg	1.17				--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U

Table 1D-Residential
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-10-72-515 08/06/2012 Field Sample		DSE-13-72-515 08/07/2012 Field Sample		DSE-14-72-515 08/09/2012 Field Sample		DSE-16-72-515 08/07/2012 Field Sample		DSE-20-72-515 08/08/2012 Field Sample	
Benzo(k)fluoranthene	mg/kg	1.17	1.5	6.21235289	150	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Bis(2-ethylhexyl)phthalate	mg/kg	1.17	35	34.51630075	3500	--	0.23	U	0.28	U	0.24	U	**0.099**	**LJ**	**0.12**	**LJv**
Carbazole	mg/kg	1.17				--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	UJv
Carbon disulfide	mg/kg	0.042	820	36.27397069	2500	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	**0.012**	**LJ**
Chrysene	mg/kg	1.17	15	61.90114483	1500	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Cyclohexane	mg/kg	0.042	7000		21000	--	**0.0027**	**LJ**	0.0076	U	0.0062	U	0.011	U	0.016	U
Dibenzo(a,h)anthracene	mg/kg	1.17	0.015	0.33	1.5	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Dibenzofuran	mg/kg	1.17	78	29.31718855	230	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	UJv
Di-n-butylphthalate	mg/kg	1.17	6100		18000	--	0.23	U	**0.074**	**LJ**	**0.048**	**LJ**	**0.1**	**LJ**	**0.095**	**LJv**
Endosulfan sulfate	mg/kg	0.0231				--	0.0045	U	0.0053	U	0.0047	U	**0.0049**	**LJ**	0.0077	U
Ethylbenzene	mg/kg	0.042	5.4	163.6661254	540	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U
Fluoranthene	mg/kg	1.17	2300	224.4277443	6900	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Fluorene	mg/kg	1.17	2300	276.6833948	6900	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	UJv
Indeno(1,2,3-cd)pyrene	mg/kg	1.17	0.15	0.621491921	15	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Isopropylbenzene	mg/kg	0.042	2100		6200	--	**0.0059**	**LJ**	0.0076	U	0.0062	U	0.011	U	0.016	U
m,p-Xylene	mg/kg	0.042				--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U
Methyl acetate	mg/kg	0.042	78000		230000	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U
Methylcyclohexane	mg/kg	0.042				--	**0.016**	**J^**	0.0076	U	0.0062	U	0.011	U	0.016	U
Naphthalene	mg/kg	1.17	3.6	6.19574424	360	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
o-Xylene	mg/kg	0.042	690		2100	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U
Phenanthrene	mg/kg	1.17		2108.62766		--	**2**		0.28	U	0.24	U	0.32	U	0.4	U
Phenol	mg/kg	1.17	18000	1287.794675	55000	--	0.23	U	**0.084**	**LJ**	0.24	U	**0.09**	**LJ**	0.4	U
Pyrene	mg/kg	1.17	1700	229.1608461	5200	--	0.23	U	0.28	U	0.24	U	0.32	U	0.4	U
Toluene	mg/kg	0.042	5000	67.63078972	15000	--	0.0063	U	0.0076	U	0.0062	U	0.011	U	0.016	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1D-Residential
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-21-72-515 08/09/2012 Field Sample	
Metals								
Aluminum	mg/kg	26130	77000		230000	--	**8710**	
Antimony	mg/kg	2.25	31	3.128571429	94	--	**0.75**	**LJ-**
Arsenic	mg/kg	17.1	0.39	11.5	39	--	**5.7**	
Barium	mg/kg	1584	15000	547.5	46000	--	**528**	**J-**
Beryllium	mg/kg	3	160	15.64285714	470	--	**1**	
Cadmium	mg/kg	0.63	70	3.89979486	210	--	**0.21**	**LJ**
Calcium	mg/kg	22380				--	**7460**	
Chromium	mg/kg	37.5				--	**12.5**	
Cobalt	mg/kg	24.6	23	469.2857143	70	--	**8.2**	
Copper	mg/kg	77.1	3100	312.8571429	9400	--	**25.7**	**J**
Iron	mg/kg	63600	55000		160000	--	**21200**	
Lead	mg/kg	91.2	400	400	400	--	**30.4**	
Magnesium	mg/kg	11760				--	**3920**	
Manganese	mg/kg	2523	1800			--	**841**	**J**
Mercury	mg/kg	0.096	10		30	--	**0.032**	**LJ**
Nickel	mg/kg	67.2	1500	156.4285714	4600	--	**22.4**	
Potassium	mg/kg	3630				--	**1210**	
Selenium	mg/kg	8.1	390	39.10714286	1200	--	**2.7**	**LJ**
Silver	mg/kg	2.58	390	39.10714286	1200	--	0.86	U
Sodium	mg/kg	3060				--	**1020**	
Thallium	mg/kg	6.6	0.78	0.5475	2.3	--	2.2	UJ
Vanadium	mg/kg	81		54.75		--	**27**	
Zinc	mg/kg	199.5	23000	2346.428571	70000	--	**66.5**	**J-**
Organic								
1,1'-Biphenyl	mg/kg	1.17	51	231.7845284	150	--	0.39	U
2-Butanone	mg/kg	0.108	28000	590.9671771	84000	--	**0.036**	
2-Methylnaphthalene	mg/kg	1.17	230	22.15593188	690	--	0.39	U
Acenaphthene	mg/kg	1.17	3400	373.6479476	10000	--	0.39	U
Acetone	mg/kg	0.36	61000	174.2704067	180000	--	**0.12**	
Acetophenone	mg/kg	1.17	7800		23000	--	0.39	U
alpha-Chlordane	mg/kg	0.0117				--	0.0039	U
Anthracene	mg/kg	1.17	17000	2188.505596	52000	--	0.39	U
Aroclor-1254	mg/kg	0.231	0.22		3.4	--	0.077	U
Aroclor-1260	mg/kg	0.231	0.22		22	--	0.077	U
Benzene	mg/kg	0.042	1.1	1.486209861	110	--	0.014	U
Benzo(a)anthracene	mg/kg	1.17	0.15	0.620205398	15	--	0.39	U
Benzo(a)pyrene	mg/kg	1.17	0.015	0.33	1.5	--	0.39	U
Benzo(b)fluoranthene	mg/kg	1.17	0.15	0.620217342	15	--	0.39	U
Benzo(g,h,i)perylene	mg/kg	1.17				--	0.39	U

Table 1D-Residential
Soil Sample Analytical Results Summary at 72 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-21-72-515 08/09/2012 Field Sample	
Benzo(k)fluoranthene	mg/kg	1.17	1.5	6.21235289	150	--	0.39	U
Bis(2-ethylhexyl)phthalate	mg/kg	1.17	35	34.51630075	3500	--	0.39	U
Carbazole	mg/kg	1.17				--	0.39	U
Carbon disulfide	mg/kg	0.042	820	36.27397069	2500	--	0.014	U
Chrysene	mg/kg	1.17	15	61.90114483	1500	--	0.39	U
Cyclohexane	mg/kg	0.042	7000		21000	--	0.014	U
Dibenzo(a,h)anthracene	mg/kg	1.17	0.015	0.33	1.5	--	0.39	U
Dibenzofuran	mg/kg	1.17	78	29.31718855	230	--	0.39	U
Di-n-butylphthalate	mg/kg	1.17	6100		18000	--	0.39	U
Endosulfan sulfate	mg/kg	0.0231				--	0.0077	U
Ethylbenzene	mg/kg	0.042	5.4	163.6661254	540	--	0.014	U
Fluoranthene	mg/kg	1.17	2300	224.4277443	6900	--	0.39	U
Fluorene	mg/kg	1.17	2300	276.6833948	6900	--	0.39	U
Indeno(1,2,3-cd)pyrene	mg/kg	1.17	0.15	0.621491921	15	--	0.39	U
Isopropylbenzene	mg/kg	0.042	2100		6200	--	0.014	U
m,p-Xylene	mg/kg	0.042				--	0.014	U
Methyl acetate	mg/kg	0.042	78000		230000	--	0.014	U
Methylcyclohexane	mg/kg	0.042				--	0.014	U
Naphthalene	mg/kg	1.17	3.6	6.19574424	360	--	0.39	U
o-Xylene	mg/kg	0.042	690		2100	--	0.014	U
Phenanthrene	mg/kg	1.17		2108.62766		--	0.39	U
Phenol	mg/kg	1.17	18000	1287.794675	55000	--	0.39	U
Pyrene	mg/kg	1.17	1700	229.1608461	5200	--	0.39	U
Toluene	mg/kg	0.042	5000	67.63078972	15000	--	0.014	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1E-Industrial
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-96-515 08/06/2012 Field Sample		DSE-05-96-515 08/08/2012 Field Sample		DSE-06-96-515 08/07/2012 Field Sample		DSE-07-96-515 08/06/2012 Field Sample		DSE-08-96-515 08/07/2012 Field Sample	
Metals																
Aluminum	mg/kg	30900	990000		3000000	--	**27300**		**12700**		**22200**		**23000**		**23800**	
Antimony	mg/kg	2.28	410	81.76	1200	--	**1.5**	**UJ-**	**1.1**	**UJ-**	**1.5**	**UJ-**	**1.7**	**UJ-**	**1.4**	**UJ-**
Arsenic	mg/kg	22.8	1.6	11.5	160	--	**8.4**		**9.2**		**5.9**	**J**	**6**		**9.6**	**J**
Barium	mg/kg	702	190000	14308	570000	--	**385**		**4330**		**428**	**J**	**314**		**326**	**J**
Beryllium	mg/kg	3.6	2000	408.8	6000	--	**1.7**		**1.1**		**1.2**		**1.6**		**1.4**	
Cadmium	mg/kg	0.57	800	100.8685353	2400	--	**0.14**	**UJ**	**0.24**	**UJ+**	**0.23**	**UJ**	**0.05**	**UJ**	**0.37**	**UJ**
Calcium	mg/kg	20940				--	**7560**		**7140**		**6440**	**J**	**6770**		**6910**	**J**
Chromium	mg/kg	42				--	**28**		**24.5**		**19.9**		**23.2**		**26.3**	
Cobalt	mg/kg	38.7	300	12264	910	--	**20.5**		**8**	**J**	**11.5**		**16.9**		**9.2**	
Copper	mg/kg	84	41000	8176	120000	--	**36.4**		**22.9**		**24.1**		**25.2**		**28.8**	
Iron	mg/kg	59700	720000		2100000	--	**34200**		**18500**		**24400**	**J**	**29800**		**21000**	**J**
Lead	mg/kg	76.2	800	1400	800	--	**32.5**	**J**	**52.3**		**27.3**		**26.8**	**J**	**30.7**	
Magnesium	mg/kg	15630				--	**9110**		**5180**		**6460**	**J**	**7550**		**6770**	**J**
Manganese	mg/kg	687	23000			--	**260**		**304**		**232**	**J**	**366**		**218**	**J**
Mercury	mg/kg	0.168	43		130	--	**0.028**	**UJ**	**0.083**	**UJ**	**0.049**	**UJ**	**0.04**	**UJ**	**0.042**	**UJ**
Nickel	mg/kg	113.1	20000	4088	59000	--	**46.6**		**27**	**J**	**31.1**		**37.7**		**36.9**	
Potassium	mg/kg	4530				--	**3840**		**2130**		**3070**		**3530**		**3560**	
Selenium	mg/kg	9.3	5100	1022	15000	--	**2.7**	**UJ**	**2.6**	**UJ**	**2.6**	**UJ**	**3.1**	**UJ**	**1.8**	**UJ**
Silver	mg/kg	2.76	5100	1022	15000	--	**0.25**	**UJ**	**0.22**	**UJ**	**1.2**	**U**	**0.23**	**UJ**	**0.95**	**U**
Sodium	mg/kg	4920				--	**1820**		**4820**		**2560**		**1740**		**2270**	
Vanadium	mg/kg	95.1		1430.8		--	**54.2**		**30.6**		**46.8**		**58**		**43.9**	
Zinc	mg/kg	207	310000	61320	920000	--	**114**	**J**	**97.1**		**82.5**	**J**	**99.8**	**J**	**108**	**J**
Organic																
2-Butanone	mg/kg	0.033	200000	4351.295519	590000	--	**0.02**		**0.049**		**0.017**	**U**	**0.057**		**0.076**	
2-Methylnaphthalene	mg/kg	0.96	2200	165.2673834	6600	--	**0.31**	**U**	**1.3**		**0.6**		**0.37**	**U**	**0.35**	**U**
Acenaphthene	mg/kg	0.96	33000	6124.439919	99000	--	**0.31**	**U**	**0.3**	**U**	**0.21**	**UJ**	**0.37**	**U**	**0.35**	**U**
Acetone	mg/kg	0.153	630000	1394.143988	1900000	--	**0.12**		**0.27**		**0.1**		**0.27**		**0.55**	
Acetophenone	mg/kg	0.96	100000		310000	--	**0.17**	**UJ**	**0.3**	**U**	**0.28**	**U**	**0.11**	**UJ**	**0.35**	**U**
alpha-Chlordane	mg/kg	0.0096				--	**0.0032**	**U**	**0.003**	**UJv**	**0.0027**	**U**	**0.0037**	**U**	**0.0035**	**U**
Anthracene	mg/kg	0.96	170000	47808.42095	500000	--	**0.31**	**U**	**0.082**	**UJ**	**0.065**	**UJ**	**0.37**	**U**	**0.35**	**U**
beta-BHC	mg/kg	0.0096	0.96	1.622748383	96	--	**0.0032**	**U**	**0.003**	**UJv**	**0.0027**	**U**	**0.0037**	**U**	**0.0035**	**U**
Bis(2-ethylhexyl)phthalate	mg/kg	0.96	120	173.0325248	12000	--	**0.31**	**U**	**0.3**	**UJv**	**0.28**	**U**	**0.37**	**UJv**	**0.13**	**UJv**
Chrysene	mg/kg	0.96	210	285.5245365	21000	--	**0.31**	**U**	**0.3**	**U**	**0.078**	**UJ**	**0.37**	**UJv**	**0.35**	**U**
delta-BHC	mg/kg	0.0096				--	**0.0032**	**U**	**0.003**	**UJv**	**0.0027**	**U**	**0.0037**	**U**	**0.0035**	**U**
Di-n-butylphthalate	mg/kg	0.96	62000		180000	--	**0.31**	**U**	**0.072**	**UJv**	**0.087**	**UJ**	**0.09**	**UJv**	**0.11**	**UJv**
Fluorene	mg/kg	0.96	22000	5407.219769	66000	--	**0.31**	**U**	**0.2**	**UJ**	**0.21**	**UJ**	**0.37**	**UJv**	**0.1**	**UJ**
Isopropylbenzene	mg/kg	0.0273	11000		32000	--	**0.0084**	**U**	**0.012**	**U**	**0.0036**	**UJ**	**0.0098**	**U**	**0.012**	**U**
Naphthalene	mg/kg	0.96	18	42.59771533	1800	--	**0.31**	**U**	**0.15**	**UJ**	**0.28**	**U**	**0.37**	**U**	**0.35**	**U**

Table 1E-Industrial
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-96-515 08/06/2012 Field Sample		DSE-05-96-515 08/08/2012 Field Sample		DSE-06-96-515 08/07/2012 Field Sample		DSE-07-96-515 08/06/2012 Field Sample		DSE-08-96-515 08/07/2012 Field Sample	
Phenanthrene	mg/kg	0.96		42533.41269		--	**0.31**	**U**	**0.46**		**0.5**		**0.37**	**U**	**0.29**	**UJ**
Phenol	mg/kg	0.96	180000	14532.1499	550000	--	**0.077**	**UJ**	**0.3**	**U**	**0.28**	**U**	**0.37**	**U**	**0.35**	**U**
Pyrene	mg/kg	0.96	17000	5606.69618	50000	--	**0.31**	**U**	**0.077**	**UJ**	**0.071**	**UJ**	**0.37**	**UJv**	**0.35**	**U**

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1E-Industrial
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-10-96-515 08/06/2012 Field Sample		DSE-13-96-515 08/07/2012 Field Sample		DSE-14-96-515 08/09/2012 Field Sample		DSE-16-96-515 08/07/2012 Field Sample		DSE-20-96-515 08/08/2012 Field Sample	
Metals																
Aluminum	mg/kg	30900	990000		3000000	--	**6520**		**18900**		**8910**		**20900**		**14600**	
Antimony	mg/kg	2.28	410	81.76	1200	--	**7.1**	**J-**	**1.5**	**LJ-**	**0.47**	**LJ-**	**1.3**	**LJ-**	**0.65**	**LJ-**
Arsenic	mg/kg	22.8	1.6	11.5	160	--	**26**		**6.9**		**8.7**		**7.5**	**J**	**5.5**	
Barium	mg/kg	702	190000	14308	570000	--	**7130**		**204**		**169**	**J-**	**306**	**J**	**302**	
Beryllium	mg/kg	3.6	2000	408.8	6000	--	**0.54**	**J+**	**0.99**		**0.98**		**1.2**		**1.2**	
Cadmium	mg/kg	0.57	800	100.8685353	2400	--	**4.9**		0.6	U	**0.07**	**LJ**	**0.26**	**LJ**	0.7	U
Calcium	mg/kg	20940				--	**9030**		**6250**		**5530**		**9150**	**J**	**6210**	
Chromium	mg/kg	42				--	**17**		**18.1**		**13.2**		**19.4**		**19.7**	
Cobalt	mg/kg	38.7	300	12264	910	--	**6.6**		**12.8**		**7.7**		**10.2**		**10.3**	**J**
Copper	mg/kg	84	41000	8176	120000	--	**43.3**		**17.6**		**23.6**	**J**	**30.4**		**25.1**	
Iron	mg/kg	59700	720000		2100000	--	**18800**		**29700**		**15600**		**20200**	**J**	**20200**	
Lead	mg/kg	76.2	800	1400	800	--	**799**	**J**	**22.1**	**J**	**19.6**		**26.8**		**25.1**	
Magnesium	mg/kg	15630				--	**3720**		**6630**		**4430**		**7520**	**J**	**6120**	
Manganese	mg/kg	687	23000			--	**468**		**597**		**166**	**J**	**215**	**J**	**230**	
Mercury	mg/kg	0.168	43		130	--	**0.86**		**0.03**	**LJ**	**0.031**	**LJ**	**0.035**	**LJ**	**0.036**	**LJ**
Nickel	mg/kg	113.1	20000	4088	59000	--	**16.7**		**32**		**23.8**		**37.7**		**32**	**J**
Potassium	mg/kg	4530				--	**1090**		**3100**		**1700**		**3080**		**2460**	
Selenium	mg/kg	9.3	5100	1022	15000	--	**1.4**	**LJ**	**2.6**	**LJ**	**2.7**	**LJ**	**2.3**	**LJ**	**2.9**	**LJ**
Silver	mg/kg	2.76	5100	1022	15000	--	**3**		**0.3**	**LJ**	1.4	U	**0.16**	**LJ**	1.4	U
Sodium	mg/kg	4920				--	**593**		**1450**		**1290**		**3310**		**1170**	
Vanadium	mg/kg	95.1		1430.8		--	**19.6**		**42.8**		**29.8**		**50.3**		**36.2**	
Zinc	mg/kg	207	310000	61320	920000	--	**734**	**J**	**82**	**J**	**57.7**	**J-**	**83.6**	**J**	**84.1**	
Organic																
2-Butanone	mg/kg	0.033	200000	4351.295519	590000	--	**0.013**	**LJ**	**0.014**	**LJ**	**0.027**		0.042	U	**0.028**	
2-Methylnaphthalene	mg/kg	0.96	2200	165.2673834	6600	--	**0.42**		0.28	U	0.29	U	0.49	U	0.31	U
Acenaphthene	mg/kg	0.96	33000	6124.439919	99000	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	U
Acetone	mg/kg	0.153	630000	1394.143988	1900000	--	**0.058**		**0.066**		**0.095**		**0.3**		0.023	U
Acetophenone	mg/kg	0.96	100000		310000	--	0.26	U	0.28	U	0.29	U	**0.18**	**LJ**	0.31	U
alpha-Chlordane	mg/kg	0.0096				--	0.0025	U	0.0028	U	0.0029	U	**0.0039**	**LJ**	0.003	U
Anthracene	mg/kg	0.96	170000	47808.42095	500000	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	U
beta-BHC	mg/kg	0.0096	0.96	1.622748383	96	--	0.0025	U	0.0028	U	0.0029	U	0.0049	U	**0.0018**	**LJ**
Bis(2-ethylhexyl)phthalate	mg/kg	0.96	120	173.0325248	12000	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	U
Chrysene	mg/kg	0.96	210	285.5245365	21000	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	UJv
delta-BHC	mg/kg	0.0096				--	0.0025	U	0.0028	U	0.0029	U	**0.0027**	**LJ**	0.003	U
Di-n-butylphthalate	mg/kg	0.96	62000		180000	--	**0.095**	**LJ**	**0.062**	**LJ**	**0.06**	**LJ**	**0.14**	**LJ**	**0.064**	**LJ**
Fluorene	mg/kg	0.96	22000	5407.219769	66000	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	UJv
Isopropylbenzene	mg/kg	0.0273	11000		32000	--	0.0066	U	0.0095	U	0.0089	U	0.021	U	0.011	U
Naphthalene	mg/kg	0.96	18	42.59771533	1800	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	U

Table 1E-Industrial
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-10-96-515 08/06/2012 Field Sample		DSE-13-96-515 08/07/2012 Field Sample		DSE-14-96-515 08/09/2012 Field Sample		DSE-16-96-515 08/07/2012 Field Sample		DSE-20-96-515 08/08/2012 Field Sample	
Phenanthrene	mg/kg	0.96		42533.41269		--	**0.23**	**LJ**	0.28	U	0.29	U	0.49	U	0.31	U
Phenol	mg/kg	0.96	180000	14532.1499	550000	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	U
Pyrene	mg/kg	0.96	17000	5606.69618	50000	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	UJv

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1E-Industrial
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-20-96-525 08/08/2012 Field Duplicate		DSE-21-96-515 08/09/2012 Field Sample	
Metals										
Aluminum	mg/kg	30900	990000		3000000	--	**14400**		**10300**	
Antimony	mg/kg	2.28	410	81.76	1200	--	**0.66**	**LJ-**	**0.76**	**LJ-**
Arsenic	mg/kg	22.8	1.6	11.5	160	--	**8**		**7.6**	
Barium	mg/kg	702	190000	14308	570000	--	**279**		**234**	**J-**
Beryllium	mg/kg	3.6	2000	408.8	6000	--	**1.2**		**1.2**	
Cadmium	mg/kg	0.57	800	100.8685353	2400	--	0.66	U	**0.19**	**LJ**
Calcium	mg/kg	20940				--	**6220**		**6980**	
Chromium	mg/kg	42				--	**18.5**		**14**	
Cobalt	mg/kg	38.7	300	12264	910	--	**14.3**	**J**	**12.9**	
Copper	mg/kg	84	41000	8176	120000	--	**25.1**		**28**	**J**
Iron	mg/kg	59700	720000		2100000	--	**19200**		**19900**	
Lead	mg/kg	76.2	800	1400	800	--	**25**		**25.4**	
Magnesium	mg/kg	15630				--	**5820**		**5210**	
Manganese	mg/kg	687	23000			--	**191**		**229**	**J**
Mercury	mg/kg	0.168	43		130	--	**0.052**	**LJ**	**0.056**	**LJ**
Nickel	mg/kg	113.1	20000	4088	59000	--	**37.8**	**J**	**37.7**	
Potassium	mg/kg	4530				--	**2380**		**1510**	
Selenium	mg/kg	9.3	5100	1022	15000	--	**3.1**	**LJ**	**3.1**	**LJ**
Silver	mg/kg	2.76	5100	1022	15000	--	1.3	U	0.92	U
Sodium	mg/kg	4920				--	**1180**		**1640**	
Vanadium	mg/kg	95.1		1430.8		--	**35.2**		**31.7**	
Zinc	mg/kg	207	310000	61320	920000	--	**82.1**		**69**	**J-**
Organic										
2-Butanone	mg/kg	0.033	200000	4351.295519	590000	--	**0.034**	**J^**	**0.011**	**LJ**
2-Methylnaphthalene	mg/kg	0.96	2200	165.2673834	6600	--	0.26	U	0.32	U
Acenaphthene	mg/kg	0.96	33000	6124.439919	99000	--	0.26	U	0.32	U
Acetone	mg/kg	0.153	630000	1394.143988	1900000	--	0.017	U	**0.051**	
Acetophenone	mg/kg	0.96	100000		310000	--	0.26	U	0.32	U
alpha-Chlordane	mg/kg	0.0096				--	0.0026	U	0.0032	U
Anthracene	mg/kg	0.96	170000	47808.42095	500000	--	0.26	U	0.32	U
beta-BHC	mg/kg	0.0096	0.96	1.622748383	96	--	0.0026	U	0.0032	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.96	120	173.0325248	12000	--	**0.092**	**LJv**	0.32	UJv
Chrysene	mg/kg	0.96	210	285.5245365	21000	--	0.26	UJv	0.32	UJv
delta-BHC	mg/kg	0.0096				--	0.0026	U	0.0032	U
Di-n-butylphthalate	mg/kg	0.96	62000		180000	--	**0.075**	**LJv**	0.32	UJv
Fluorene	mg/kg	0.96	22000	5407.219769	66000	--	0.26	UJv	0.32	U
Isopropylbenzene	mg/kg	0.0273	11000		32000	--	0.0086	U	0.0091	U
Naphthalene	mg/kg	0.96	18	42.59771533	1800	--	0.26	U	0.32	U

Table 1E-Industrial
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-20-96-525 08/08/2012 Field Duplicate		DSE-21-96-515 08/09/2012 Field Sample	
Phenanthrene	mg/kg	0.96		42533.41269		--	0.26	U	0.32	U
Phenol	mg/kg	0.96	180000	14532.1499	550000	--	0.26	U	0.32	U
Pyrene	mg/kg	0.96	17000	5606.69618	50000	--	0.26	UJv	0.32	UJv

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1E-Residential
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-04-96-515 08/06/2012 Field Sample		DSE-05-96-515 08/08/2012 Field Sample		DSE-06-96-515 08/07/2012 Field Sample		DSE-07-96-515 08/06/2012 Field Sample		DSE-08-96-515 08/07/2012 Field Sample	
Metals																
Aluminum	mg/kg	30900	77000		230000	--	**27300**		**12700**		**22200**		**23000**		**23800**	
Antimony	mg/kg	2.28	31	3.128571429	94	--	**1.5**	**UJ-**	**1.1**	**UJ-**	**1.5**	**UJ-**	**1.7**	**UJ-**	**1.4**	**UJ-**
Arsenic	mg/kg	22.8	0.39	11.5	39	--	**8.4**		**9.2**		**5.9**	**J**	**6**		**9.6**	**J**
Barium	mg/kg	702	15000	547.5	46000	--	**385**		**4330**		**428**	**J**	**314**		**326**	**J**
Beryllium	mg/kg	3.6	160	15.64285714	470	--	**1.7**		**1.1**		**1.2**		**1.6**		**1.4**	
Cadmium	mg/kg	0.57	70	3.89979486	210	--	**0.14**	**UJ**	**0.24**	**UJ+**	**0.23**	**UJ**	**0.05**	**UJ**	**0.37**	**UJ**
Calcium	mg/kg	20940				--	**7560**		**7140**		**6440**	**J**	**6770**		**6910**	**J**
Chromium	mg/kg	42				--	**28**		**24.5**		**19.9**		**23.2**		**26.3**	
Cobalt	mg/kg	38.7	23	469.2857143	70	--	**20.5**		**8**	**J**	**11.5**		**16.9**		**9.2**	
Copper	mg/kg	84	3100	312.8571429	9400	--	**36.4**		**22.9**		**24.1**		**25.2**		**28.8**	
Iron	mg/kg	59700	55000		160000	--	**34200**		**18500**		**24400**	**J**	**29800**		**21000**	**J**
Lead	mg/kg	76.2	400	400	400	--	**32.5**	**J**	**52.3**		**27.3**		**26.8**	**J**	**30.7**	
Magnesium	mg/kg	15630				--	**9110**		**5180**		**6460**	**J**	**7550**		**6770**	**J**
Manganese	mg/kg	687	1800			--	**260**		**304**		**232**	**J**	**366**		**218**	**J**
Mercury	mg/kg	0.168	10		30	--	**0.028**	**UJ**	**0.083**	**UJ**	**0.049**	**UJ**	**0.04**	**UJ**	**0.042**	**UJ**
Nickel	mg/kg	113.1	1500	156.4285714	4600	--	**46.6**		**27**	**J**	**31.1**		**37.7**		**36.9**	
Potassium	mg/kg	4530				--	**3840**		**2130**		**3070**		**3530**		**3560**	
Selenium	mg/kg	9.3	390	39.10714286	1200	--	**2.7**	**UJ**	**2.6**	**UJ**	**2.6**	**UJ**	**3.1**	**UJ**	**1.8**	**UJ**
Silver	mg/kg	2.76	390	39.10714286	1200	--	**0.25**	**UJ**	**0.22**	**UJ**	1.2	U	**0.23**	**UJ**	0.95	U
Sodium	mg/kg	4920				--	**1820**		**4820**		**2560**		**1740**		**2270**	
Vanadium	mg/kg	95.1		54.75		--	**54.2**		**30.6**		**46.8**		**58**		**43.9**	
Zinc	mg/kg	207	23000	2346.428571	70000	--	**114**	**J**	**97.1**		**82.5**	**J**	**99.8**	**J**	**108**	**J**
Organic																
2-Butanone	mg/kg	0.033	28000	590.9671771	84000	--	**0.02**		**0.049**		0.017	U	**0.057**		**0.076**	
2-Methylnaphthalene	mg/kg	0.96	230	22.15593188	690	--	0.31	U	**1.3**		**0.6**		0.37	U	0.35	U
Acenaphthene	mg/kg	0.96	3400	373.6479476	10000	--	0.31	U	0.3	U	**0.21**	**UJ**	0.37	U	0.35	U
Acetone	mg/kg	0.153	61000	174.2704067	180000	--	**0.12**		**0.27**		**0.1**		**0.27**		**0.55**	
Acetophenone	mg/kg	0.96	7800		23000	--	**0.17**	**UJ**	0.3	U	0.28	U	**0.11**	**UJ**	0.35	U
alpha-Chlordane	mg/kg	0.0096				--	0.0032	U	0.003	UJv	0.0027	U	0.0037	U	0.0035	U
Anthracene	mg/kg	0.96	17000	2188.505596	52000	--	0.31	U	**0.082**	**UJ**	**0.065**	**UJ**	0.37	U	0.35	U
beta-BHC	mg/kg	0.0096	0.27	0.291310659	27	--	0.0032	U	0.003	UJv	0.0027	U	0.0037	U	0.0035	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.96	35	34.51630075	3500	--	0.31	U	0.3	UJv	0.28	U	0.37	UJv	**0.13**	**UJv**
Chrysene	mg/kg	0.96	15	61.90114483	1500	--	0.31	U	0.3	U	**0.078**	**UJ**	0.37	UJv	0.35	U
delta-BHC	mg/kg	0.0096				--	0.0032	U	0.003	UJv	0.0027	U	0.0037	U	0.0035	U
Di-n-butylphthalate	mg/kg	0.96	6100		18000	--	0.31	U	**0.072**	**UJv**	**0.087**	**UJ**	**0.09**	**UJv**	**0.11**	**UJv**
Fluorene	mg/kg	0.96	2300	276.6833948	6900	--	0.31	U	**0.2**	**UJ**	**0.21**	**UJ**	0.37	UJv	**0.1**	**UJ**
Isopropylbenzene	mg/kg	0.0273	2100		6200	--	0.0084	U	0.012	U	**0.0036**	**UJ**	0.0098	U	0.012	U
Naphthalene	mg/kg	0.96	3.6	6.19574424	360	--	0.31	U	**0.15**	**UJ**	0.28	U	0.37	U	0.35	U
Phenanthrene	mg/kg	0.96		2108.62766		--	0.31	U	**0.46**		**0.5**		0.37	U	**0.29**	**UJ**

Table 1E-Residential
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-04-96-515 08/06/2012 Field Sample		DSE-05-96-515 08/08/2012 Field Sample		DSE-06-96-515 08/07/2012 Field Sample		DSE-07-96-515 08/06/2012 Field Sample		DSE-08-96-515 08/07/2012 Field Sample	
Phenol	mg/kg	0.96	18000	1287.794675	55000	--	**0.077**	**UJ**	0.3	U	0.28	U	0.37	U	0.35	U
Pyrene	mg/kg	0.96	1700	229.1608461	5200	--	0.31	U	**0.077**	**UJ**	**0.071**	**UJ**	0.37	UJv	0.35	U

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1E-Residential
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-10-96-515 08/06/2012 Field Sample		DSE-13-96-515 08/07/2012 Field Sample		DSE-14-96-515 08/09/2012 Field Sample		DSE-16-96-515 08/07/2012 Field Sample		DSE-20-96-515 08/08/2012 Field Sample	
Metals																
Aluminum	mg/kg	30900	77000		230000	--	6520		18900		8910		20900		14600	
Antimony	mg/kg	2.28	31	3.128571429	94	--	7.1	J-	1.5	LJ-	0.47	LJ-	1.3	LJ-	0.65	LJ-
Arsenic	mg/kg	22.8	0.39	11.5	39	--	26		6.9		8.7		7.5	J	5.5	
Barium	mg/kg	702	15000	547.5	46000	--	7130		204		169	J-	306	J	302	
Beryllium	mg/kg	3.6	160	15.64285714	470	--	0.54	J+	0.99		0.98		1.2		1.2	
Cadmium	mg/kg	0.57	70	3.89979486	210	--	4.9		0.6	U	0.07	LJ	0.26	LJ	0.7	U
Calcium	mg/kg	20940				--	9030		6250		5530		9150	J	6210	
Chromium	mg/kg	42				--	17		18.1		13.2		19.4		19.7	
Cobalt	mg/kg	38.7	23	469.2857143	70	--	6.6		12.8		7.7		10.2		10.3	J
Copper	mg/kg	84	3100	312.8571429	9400	--	43.3		17.6		23.6	J	30.4		25.1	
Iron	mg/kg	59700	55000		160000	--	18800		29700		15600		20200	J	20200	
Lead	mg/kg	76.2	400	400	400	--	799	J	22.1	J	19.6		26.8		25.1	
Magnesium	mg/kg	15630				--	3720		6630		4430		7520	J	6120	
Manganese	mg/kg	687	1800			--	468		597		166	J	215	J	230	
Mercury	mg/kg	0.168	10		30	--	0.86		0.03	LJ	0.031	LJ	0.035	LJ	0.036	LJ
Nickel	mg/kg	113.1	1500	156.4285714	4600	--	16.7		32		23.8		37.7		32	J
Potassium	mg/kg	4530				--	1090		3100		1700		3080		2460	
Selenium	mg/kg	9.3	390	39.10714286	1200	--	1.4	LJ	2.6	LJ	2.7	LJ	2.3	LJ	2.9	LJ
Silver	mg/kg	2.76	390	39.10714286	1200	--	3		0.3	LJ	1.4	U	0.16	LJ	1.4	U
Sodium	mg/kg	4920				--	593		1450		1290		3310		1170	
Vanadium	mg/kg	95.1		54.75		--	19.6		42.8		29.8		50.3		36.2	
Zinc	mg/kg	207	23000	2346.428571	70000	--	734	J	82	J	57.7	J-	83.6	J	84.1	
Organic																
2-Butanone	mg/kg	0.033	28000	590.9671771	84000	--	0.013	LJ	0.014	LJ	0.027		0.042	U	0.028	
2-Methylnaphthalene	mg/kg	0.96	230	22.15593188	690	--	0.42		0.28	U	0.29	U	0.49	U	0.31	U
Acenaphthene	mg/kg	0.96	3400	373.6479476	10000	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	U
Acetone	mg/kg	0.153	61000	174.2704067	180000	--	0.058		0.066		0.095		0.3		0.023	U
Acetophenone	mg/kg	0.96	7800		23000	--	0.26	U	0.28	U	0.29	U	0.18	LJ	0.31	U
alpha-Chlordane	mg/kg	0.0096				--	0.0025	U	0.0028	U	0.0029	U	0.0039	LJ	0.003	U
Anthracene	mg/kg	0.96	17000	2188.505596	52000	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	U
beta-BHC	mg/kg	0.0096	0.27	0.291310659	27	--	0.0025	U	0.0028	U	0.0029	U	0.0049	U	0.0018	LJ
Bis(2-ethylhexyl)phthalate	mg/kg	0.96	35	34.51630075	3500	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	U
Chrysene	mg/kg	0.96	15	61.90114483	1500	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	UJv
delta-BHC	mg/kg	0.0096				--	0.0025	U	0.0028	U	0.0029	U	0.0027	LJ	0.003	U
Di-n-butylphthalate	mg/kg	0.96	6100		18000	--	0.095	LJ	0.062	LJ	0.06	LJ	0.14	LJ	0.064	LJ
Fluorene	mg/kg	0.96	2300	276.6833948	6900	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	UJv
Isopropylbenzene	mg/kg	0.0273	2100		6200	--	0.0066	U	0.0095	U	0.0089	U	0.021	U	0.011	U
Naphthalene	mg/kg	0.96	3.6	6.19574424	360	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	U
Phenanthrene	mg/kg	0.96		2108.62766		--	0.23	LJ	0.28	U	0.29	U	0.49	U	0.31	U

Table 1E-Residential
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-10-96-515 08/06/2012 Field Sample		DSE-13-96-515 08/07/2012 Field Sample		DSE-14-96-515 08/09/2012 Field Sample		DSE-16-96-515 08/07/2012 Field Sample		DSE-20-96-515 08/08/2012 Field Sample	
Phenol	mg/kg	0.96	18000	1287.794675	55000	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	U
Pyrene	mg/kg	0.96	1700	229.1608461	5200	--	0.26	U	0.28	U	0.29	U	0.49	U	0.31	UJv

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 1E-Residential
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-20-96-525 08/08/2012 Field Duplicate		DSE-21-96-515 08/09/2012 Field Sample	
Metals										
Aluminum	mg/kg	30900	77000		230000	--	**14400**		**10300**	
Antimony	mg/kg	2.28	31	3.128571429	94	--	**0.66**	**LJ-**	**0.76**	**LJ-**
Arsenic	mg/kg	22.8	0.39	11.5	39	--	**8**		**7.6**	
Barium	mg/kg	702	15000	547.5	46000	--	**279**		**234**	**J-**
Beryllium	mg/kg	3.6	160	15.64285714	470	--	**1.2**		**1.2**	
Cadmium	mg/kg	0.57	70	3.89979486	210	--	0.66	U	**0.19**	**LJ**
Calcium	mg/kg	20940				--	**6220**		**6980**	
Chromium	mg/kg	42				--	**18.5**		**14**	
Cobalt	mg/kg	38.7	23	469.2857143	70	--	**14.3**	**J**	**12.9**	
Copper	mg/kg	84	3100	312.8571429	9400	--	**25.1**		**28**	**J**
Iron	mg/kg	59700	55000		160000	--	**19200**		**19900**	
Lead	mg/kg	76.2	400	400	400	--	**25**		**25.4**	
Magnesium	mg/kg	15630				--	**5820**		**5210**	
Manganese	mg/kg	687	1800			--	**191**		**229**	**J**
Mercury	mg/kg	0.168	10		30	--	**0.052**	**LJ**	**0.056**	**LJ**
Nickel	mg/kg	113.1	1500	156.4285714	4600	--	**37.8**	**J**	**37.7**	
Potassium	mg/kg	4530				--	**2380**		**1510**	
Selenium	mg/kg	9.3	390	39.10714286	1200	--	**3.1**	**LJ**	**3.1**	**LJ**
Silver	mg/kg	2.76	390	39.10714286	1200	--	1.3	U	0.92	U
Sodium	mg/kg	4920				--	**1180**		**1640**	
Vanadium	mg/kg	95.1		54.75		--	**35.2**		**31.7**	
Zinc	mg/kg	207	23000	2346.428571	70000	--	**82.1**		**69**	**J-**
Organic										
2-Butanone	mg/kg	0.033	28000	590.9671771	84000	--	**0.034**	**J^**	**0.011**	**LJ**
2-Methylnaphthalene	mg/kg	0.96	230	22.15593188	690	--	0.26	U	0.32	U
Acenaphthene	mg/kg	0.96	3400	373.6479476	10000	--	0.26	U	0.32	U
Acetone	mg/kg	0.153	61000	174.2704067	180000	--	0.017	U	**0.051**	
Acetophenone	mg/kg	0.96	7800		23000	--	0.26	U	0.32	U
alpha-Chlordane	mg/kg	0.0096				--	0.0026	U	0.0032	U
Anthracene	mg/kg	0.96	17000	2188.505596	52000	--	0.26	U	0.32	U
beta-BHC	mg/kg	0.0096	0.27	0.291310659	27	--	0.0026	U	0.0032	U
Bis(2-ethylhexyl)phthalate	mg/kg	0.96	35	34.51630075	3500	--	**0.092**	**LJv**	0.32	UJv
Chrysene	mg/kg	0.96	15	61.90114483	1500	--	0.26	UJv	0.32	UJv
delta-BHC	mg/kg	0.0096				--	0.0026	U	0.0032	U
Di-n-butylphthalate	mg/kg	0.96	6100		18000	--	**0.075**	**LJv**	0.32	UJv
Fluorene	mg/kg	0.96	2300	276.6833948	6900	--	0.26	UJv	0.32	U
Isopropylbenzene	mg/kg	0.0273	2100		6200	--	0.0086	U	0.0091	U
Naphthalene	mg/kg	0.96	3.6	6.19574424	360	--	0.26	U	0.32	U
Phenanthrene	mg/kg	0.96		2108.62766		--	0.26	U	0.32	U

Table 1E-Residential
Soil Sample Analytical Results Summary at 96 inches
Delta Shipyards
Houma, LA

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	EPA RMLs Residential Soil	Sample ID Date Sample Type	DSE-20-96-525 08/08/2012 Field Duplicate		DSE-21-96-515 08/09/2012 Field Sample	
Phenol	mg/kg	0.96	18000	1287.794675	55000	--	0.26	U	0.32	U
Pyrene	mg/kg	0.96	1700	229.1608461	5200	--	0.26	UJv	0.32	UJv

- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs, RECAP, and 3x background
- Concentration above EPA RMLs and 3x background
- Concentration above EPA RMLs, RECAP, and 3x background
- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

Table 2
Water Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Water - 3X	BLC-01-00-111 08/09/2012 Field Sample		BLC-02-00-111 08/09/2012 Field Sample		BLC-03-00-112 08/09/2012 Field Sample		BLC-04-00-112 08/08/2012 Field Sample	
Metals										
Aluminum	mg/L	0.99	**0.15**		**0.21**		**0.352**		**0.325**	
Arsenic	mg/L	0.0099	**0.0027**		**0.0028**		**0.0021**		**0.0024**	
Barium	mg/L	0.309	**0.0752**		**0.0752**		**0.0786**		**0.0726**	
Calcium	mg/L	75.6	**23.7**		**23.4**		**24.3**		**23.3**	
Iron	mg/L	1.776	**0.498**		**0.456**		**0.562**		**0.559**	
Magnesium	mg/L	37.8	**10.4**		**10.4**		**10.6**		**10.2**	
Manganese	mg/L	0.711	**0.148**		**0.143**		**0.142**		**0.139**	
Potassium	mg/L	13.92	**3.62**		**3.57**		**3.68**		**3.55**	
Selenium	mg/L	--								
Sodium	mg/L	160.8	**35.8**		**34.8**		**35.6**		**33.6**	
Zinc	mg/L	0.0819								
Organic										
beta-BHC	mg/L	0.000273	0.00005		0.00005		0.00005		**0.000031**	**J**
delta-BHC	mg/L	0.00015	**0.000026**	**J**	0.00005		0.00005		0.00005	
Heptachlor	mg/L	0.00042	**0.00014**		**0.00014**		**0.00013**		**0.000081**	
Heptachlor epoxide	mg/L	0.00015	0.00005		0.00005		**0.000043**	**J**	0.00005	
Toluene	mg/L	0.015	0.005		0.005		0.005		**0.0036**	**J**

Table 2
Water Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Water - 3X	CC-01-00-111 08/09/2012 Field Sample		CC-02-00-112 08/09/2012 Field Sample		CC-03-00-112 08/09/2012 Field Sample		CC-04-00-112 08/09/2012 Field Sample	
Metals										
Aluminum	mg/L	0.99	**0.317**		**0.587**		**0.375**		**0.364**	
Arsenic	mg/L	0.0099	**0.0028**		**0.0025**		**0.0025**		**0.0022**	
Barium	mg/L	0.309	**0.103**		**0.228**		**0.139**		**0.153**	
Calcium	mg/L	75.6	**25.2**		**24.3**		**23.8**		**24.1**	
Iron	mg/L	1.776	**0.551**		**0.947**		**0.716**		**0.797**	
Magnesium	mg/L	37.8	**11.9**		**10.8**		**10.5**		**10.4**	
Manganese	mg/L	0.711	**0.114**		**0.141**		**0.133**		**0.149**	
Potassium	mg/L	13.92	**4.33**		**3.85**		**3.76**		**3.71**	
Selenium	mg/L	--								
Sodium	mg/L	160.8	**50.7**		**38.4**		**36.5**		**34.4**	
Zinc	mg/L	0.0819								
Organic										
beta-BHC	mg/L	0.000273	0.00005		0.00005		0.00005		0.00005	
delta-BHC	mg/L	0.00015	0.00005		**0.000033**	**J**	0.00005		0.00005	
Heptachlor	mg/L	0.00042	**0.000091**		**0.00013**		**0.00012**		**0.00013**	
Heptachlor epoxide	mg/L	0.00015	0.00005		**0.000026**	**J**	**0.000032**	**J**	**0.000072**	
Toluene	mg/L	0.015	0.005		0.005		0.005		0.005	

Table 2
Water Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Water - 3X	CC-04-00-122 08/09/2012 Field Sample		DC-01-00-111 08/08/2012 Field Sample		HNC-01-00-112 08/08/2012 Field Sample		HNC-02-00-112 08/08/2012 Field Sample	
Metals										
Aluminum	mg/L	0.99	**0.319**		**0.198**		**0.261**		**0.33**	
Arsenic	mg/L	0.0099	**0.0023**		**0.0022**		**0.0028**		**0.0033**	
Barium	mg/L	0.309	**0.118**		**0.0954**		**0.0747**		**0.0769**	
Calcium	mg/L	75.6	**23.5**		**23.2**		**23.5**		**24.6**	
Iron	mg/L	1.776	**0.706**		**0.425**		**0.517**		**0.592**	
Magnesium	mg/L	37.8	**10.1**		**9.8**		**9.98**		**12.6**	
Manganese	mg/L	0.711	**0.142**		**0.139**		**0.237**		**0.198**	
Potassium	mg/L	13.92	**3.6**		**3.39**		**4.09**		**4.64**	
Selenium	mg/L	--								
Sodium	mg/L	160.8	**33.6**		**30.9**		**31.5**		**53.6**	
Zinc	mg/L	0.0819			**0.0273**					
Organic										
beta-BHC	mg/L	0.000273	0.00005		**0.000091**		**0.000028**	J	**0.000042**	J
delta-BHC	mg/L	0.00015	0.00005		0.00005		0.00005		0.00005	
Heptachlor	mg/L	0.00042	**0.00013**		**0.000056**		**0.000081**		**0.000064**	
Heptachlor epoxide	mg/L	0.00015	0.00005		0.00005		0.00005		0.00005	
Toluene	mg/L	0.015	0.005		0.005		0.005		0.005	

Table 2
Water Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Water - 3X	HNC-03-00-112 08/08/2012 Field Sample		HNC-04-00-112 08/08/2012 Field Sample		HNC-05-00-112 08/08/2012 Field Sample		MPC-01-00-111 08/09/2012 Field Sample	
Metals										
Aluminum	mg/L	0.99	**0.277**		**0.229**		**0.299**		**0.293**	
Arsenic	mg/L	0.0099	**0.0029**		**0.0024**		**0.0038**		**0.0026**	
Barium	mg/L	0.309	**0.078**		**0.0725**		**0.0749**		**0.0746**	
Calcium	mg/L	75.6	**24.3**		**24.7**		**25.9**		**24.1**	
Iron	mg/L	1.776	**0.509**		**0.41**		**0.524**		**0.5**	
Magnesium	mg/L	37.8	**12.2**		**14.8**		**17.8**		**10.4**	
Manganese	mg/L	0.711	**0.198**		**0.172**		**0.184**		**0.136**	
Potassium	mg/L	13.92	**4.42**		**5**		**5.98**		**3.62**	
Selenium	mg/L	--			**0.0022**		**0.0024**			
Sodium	mg/L	160.8	**49.7**		**73.1**		**98**		**34.7**	
Zinc	mg/L	0.0819								
Organic										
beta-BHC	mg/L	0.000273	**0.00016**		0.00005		0.00005		0.00005	
delta-BHC	mg/L	0.00015	0.00005		0.00005		0.00005		0.00005	
Heptachlor	mg/L	0.00042	**0.000066**		**0.000039**	**J**	**0.000054**		**0.00014**	
Heptachlor epoxide	mg/L	0.00015	0.00005		0.00005		0.00005		**0.000047**	**J**
Toluene	mg/L	0.015	0.005		0.005		0.005		0.005	

Table 3
Sediment Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Sediment - 3X	BLC-01-03-611 08/09/2012 Field Sample		BLC-02-03-611 08/09/2012 Field Sample		BLC-03-03-612 08/09/2012 Field Sample		BLC-04-03-612 08/08/2012 Field Sample	
Metals										
Aluminum	mg/kg	46500	**7730**		**8570**		**8130**		**10000**	
Arsenic	mg/kg	72	**7.4**		**10.5**		**7.5**		**8.7**	
Barium	mg/kg	6150	**1830**		**2050**		**2770**		**2780**	
Beryllium	mg/kg	3.9	0.7							
Cadmium	mg/kg	--								
Calcium	mg/kg	83100	**27700**		**5850**		**6350**		**6610**	
Chromium	mg/kg	39.6	**11.4**		**8.7**		**12**		**14**	
Cobalt	mg/kg	59.4	**10.2**		**12.5**		**12.9**		**14.1**	
Copper	mg/kg	91.8	**30.6**		**19.4**		**27.8**		**29**	
Iron	mg/kg	132300	**16800**		**23600**		**17400**		**20000**	
Lead	mg/kg	129.6	**43.2**		**21**		**49.6**		**31.9**	
Magnesium	mg/kg	20940	**4140**		**4620**		**4740**		**5710**	
Manganese	mg/kg	2790	**491**		**759**		**610**		**669**	
Mercury	mg/kg	0.495	**0.165**							
Nickel	mg/kg	95.4	**18.8**		**20.9**		**20.8**		**24.1**	
Potassium	mg/kg	6870	**1350**		**1540**		**1550**		**1860**	
Sodium	mg/kg	3870	**398**		**669**		**872**		**916**	
Vanadium	mg/kg	108.6	**20.5**		**23.6**		**20.9**		**25.4**	
Zinc	mg/kg	501	**167**		**132**		**179**		**162**	
Volatiles										
2-Butanone	mg/kg	0.3	**0.01**	**J**	**0.022**		**0.024**		**0.023**	**J**
Acetone	mg/kg	0.84	**0.05**		**0.075**		**0.073**		**0.085**	
Methyl acetate	mg/kg	0.045	0.0062		0.0083		0.0096		0.016	
Semivolatiles										

Table 3
Sediment Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Sediment - 3X	BLC-01-03-611 08/09/2012 Field Sample		BLC-02-03-611 08/09/2012 Field Sample		BLC-03-03-612 08/09/2012 Field Sample		BLC-04-03-612 08/08/2012 Field Sample	
Benzo(a)anthracene	mg/kg	0.64	0.26		0.36		**0.17**	J	0.45	
Benzo(a)pyrene	mg/kg	0.64	0.26		0.36		**0.18**	J	0.45	
Benzo(b)fluoranthene	mg/kg	0.64	0.26		0.36		**0.21**	J	0.45	
Benzo(g,h,i)perylene	mg/kg	0.64	0.26		0.36		**0.1**	J	0.45	
Benzo(k)fluoranthene	mg/kg	0.64	0.26		0.36		**0.14**	J	0.45	
Bis(2-ethylhexyl)phthalate	mg/kg	0.87	0.26		0.36		0.39		**0.25**	J
Chrysene	mg/kg	0.297	0.26		0.36		**0.23**	J	0.45	
Dimethylphthalate	mg/kg	0.64	0.26		0.36		0.39		0.45	
Di-n-butylphthalate	mg/kg	0.33	**0.069**	J	0.36		0.39		**0.092**	J
Fluoranthene	mg/kg	0.69	0.26		0.36		**0.41**		0.45	
Indeno(1,2,3-cd)pyrene	mg/kg	0.64	0.26		0.36		**0.079**	J	0.45	
Phenanthrene	mg/kg	0.64	0.26		0.36		**0.19**	J	0.45	
Pyrene	mg/kg	0.6	0.26		0.36		**0.28**	J	0.45	
Pesticides										
alpha-Chlordane	mg/kg	0.0051	**0.0017**	J	0.0036		0.004		0.0045	
beta-BHC	mg/kg	0.0072	**0.0013**	J	**0.0024**	J	**0.0043**		**0.0024**	J
delta-BHC	mg/kg	0.009	0.0026		0.0036		0.004		0.0045	
gamma-Chlordane	mg/kg	0.006	**0.002**	J	0.0036		0.004		0.0045	

Table 3
Sediment Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Sediment - 3X	CC-01-03-611 08/09/2012 Field Sample		CC-02-03-612 08/09/2012 Field Sample		CC-03-03-612 08/09/2012 Field Sample		CC-04-03-612 08/09/2012 Field Sample	
Metals										
Aluminum	mg/kg	46500	**15500**		**8850**		**11900**		**10400**	
Arsenic	mg/kg	72	**24**		**15.4**		**10.6**		**8.7**	
Barium	mg/kg	6150	**191**		**1830**		**3240**		**748**	
Beryllium	mg/kg	3.9	**1.3**							
Cadmium	mg/kg	--			**1.2**					
Calcium	mg/kg	83100	**5450**		**7960**		**7260**		**7440**	
Chromium	mg/kg	39.6	**9.8**		**105**		**25.9**		**14.2**	
Cobalt	mg/kg	59.4	**19.8**		**13.6**		**14.9**		**10.1**	
Copper	mg/kg	91.8	**23.9**		**75.9**		**63.7**		**24.4**	
Iron	mg/kg	132300	**44100**		**27100**		**21800**		**22500**	
Lead	mg/kg	129.6	**20.9**		**89.6**		**81.8**		**34.3**	
Magnesium	mg/kg	20940	**6980**		**4160**		**5970**		**5380**	
Manganese	mg/kg	2790	**412**		**402**		**478**		**432**	
Mercury	mg/kg	0.495			**0.342**		**0.201**			
Nickel	mg/kg	95.4	**31.8**		**32.1**		**26.2**		**26.2**	
Potassium	mg/kg	6870	**2240**		**1530**		**2180**		**2260**	
Sodium	mg/kg	3870	**1180**		**864**		**1240**		**1200**	
Vanadium	mg/kg	108.6	**36.2**		**27.1**		**30.6**		**28.8**	
Zinc	mg/kg	501	**80.9**		**567**		**360**		**159**	
Volatiles										
2-Butanone	mg/kg	0.3	**0.02**		**0.039**		**0.04**		**0.03**	**J**
Acetone	mg/kg	0.84	**0.099**		**0.14**		**0.15**		**0.11**	
Methyl acetate	mg/kg	0.045	0.009		0.0098		0.013		0.015	J
Semivolatiles										

Table 3
Sediment Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Sediment - 3X	CC-01-03-611 08/09/2012 Field Sample		CC-02-03-612 08/09/2012 Field Sample		CC-03-03-612 08/09/2012 Field Sample		CC-04-03-612 08/09/2012 Field Sample	
Benzo(a)anthracene	mg/kg	0.64	0.33		**0.27**	**J**	0.49		0.64	J
Benzo(a)pyrene	mg/kg	0.64	0.33		**0.2**	**J**	0.49		0.64	J
Benzo(b)fluoranthene	mg/kg	0.64	0.33		**0.36**	**J**	0.49		0.64	J
Benzo(g,h,i)perylene	mg/kg	0.64	0.33		**0.16**	**J**	0.49		0.64	J
Benzo(k)fluoranthene	mg/kg	0.64	0.33		**0.2**	**J**	0.49		0.64	J
Bis(2-ethylhexyl)phthalate	mg/kg	0.87	0.33		**0.27**	**J**	**0.18**	**J**	0.64	J
Chrysene	mg/kg	0.297	0.33		**0.29**	**J**	0.49		0.64	J
Dimethylphthalate	mg/kg	0.64	0.33		0.41		0.49		0.64	J
Di-n-butylphthalate	mg/kg	0.33	0.33		**0.12**	**J**	**0.12**	**J**	0.64	J
Fluoranthene	mg/kg	0.69	0.33		**0.48**		**0.12**	**J**	0.64	J
Indeno(1,2,3-cd)pyrene	mg/kg	0.64	0.33		**0.15**	**J**	0.49		0.64	J
Phenanthrene	mg/kg	0.64	0.33		0.41		0.49		0.64	J
Pyrene	mg/kg	0.6	0.33		**0.42**		**0.1**	**J**	0.64	J
Pesticides										
alpha-Chlordane	mg/kg	0.0051	0.0034		0.004		0.0049		0.0062	J
beta-BHC	mg/kg	0.0072	0.0034		0.004		**0.0028**	**J**	**0.0038**	**J**
delta-BHC	mg/kg	0.009	0.0034		0.004		0.0049		0.0062	J
gamma-Chlordane	mg/kg	0.006	0.0034		0.004		0.0049		0.0062	J

Table 3
Sediment Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Sediment - 3X	CC-04-03-622 08/09/2012 Field Duplicate		DC-01-03-611 08/08/2012 Field Sample		HNC-01-03-611 08/08/2012 Field Sample		HNC-02-03-611 08/08/2012 Field Sample	
Metals										
Aluminum	mg/kg	46500	**9260**		**7620**		**7750**		**11100**	
Arsenic	mg/kg	72	**10**		**7.6**		**6.9**		**4.7**	
Barium	mg/kg	6150	**2680**		**1900**		**623**		**209**	
Beryllium	mg/kg	3.9							**1.1**	
Cadmium	mg/kg	--								
Calcium	mg/kg	83100	**6370**		**8120**		**27700**		**7110**	
Chromium	mg/kg	39.6	**17.6**		**11.1**		**9.6**		**11.8**	
Cobalt	mg/kg	59.4	**13.4**		**11.4**		**9.1**		**7.4**	
Copper	mg/kg	91.8	**38.9**		**27**		**22.9**		**29**	
Iron	mg/kg	132300	**18000**		**16100**		**16400**		**14900**	
Lead	mg/kg	129.6	**55.9**		**22.4**		**24.5**		**18.7**	
Magnesium	mg/kg	20940	**4880**		**5600**		**4180**		**5710**	
Manganese	mg/kg	2790	**473**		**627**		**930**		**223**	
Mercury	mg/kg	0.495	**0.137**							
Nickel	mg/kg	95.4	**23.3**		**20.3**		**18.8**		**19.2**	
Potassium	mg/kg	6870	**1750**		**1360**		**1290**		**1980**	
Sodium	mg/kg	3870	**864**		**608**		**605**		**430**	
Vanadium	mg/kg	108.6	**24.1**		**20.7**		**19.1**		**29.8**	
Zinc	mg/kg	501	**267**		**138**		**76.4**		**85.2**	
Volatiles										
2-Butanone	mg/kg	0.3	**0.048**		**0.032**	**v**	**0.093**		**0.1**	
Acetone	mg/kg	0.84	**0.17**		**0.043**	**v**	**0.27**		**0.28**	
Methyl acetate	mg/kg	0.045	0.014		**0.011**	**J**	**0.015**		0.0071	
Semivolatiles										

Table 3
Sediment Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Sediment - 3X	CC-04-03-622 08/09/2012 Field Duplicate		DC-01-03-611 08/08/2012 Field Sample		HNC-01-03-611 08/08/2012 Field Sample		HNC-02-03-611 08/08/2012 Field Sample	
Benzo(a)anthracene	mg/kg	0.64	0.46		0.44		0.47		0.27	
Benzo(a)pyrene	mg/kg	0.64	0.46		0.44		0.47		0.27	
Benzo(b)fluoranthene	mg/kg	0.64	0.46		0.44		0.47		0.27	
Benzo(g,h,i)perylene	mg/kg	0.64	0.46		0.44		0.47		0.27	
Benzo(k)fluoranthene	mg/kg	0.64	0.46		0.44		0.47		0.27	
Bis(2-ethylhexyl)phthalate	mg/kg	0.87	**0.14**	J	0.44		**0.29**	J	**0.17**	J
Chrysene	mg/kg	0.297	0.46		0.44		**0.099**	J	0.27	
Dimethylphthalate	mg/kg	0.64	**0.1**	J	0.44		0.47		0.27	
Di-n-butylphthalate	mg/kg	0.33	**0.11**	J	**0.091**	J	**0.11**	J	**0.063**	J
Fluoranthene	mg/kg	0.69	0.46		0.44		**0.23**	J	0.27	
Indeno(1,2,3-cd)pyrene	mg/kg	0.64	0.46		0.44		0.47		0.27	
Phenanthrene	mg/kg	0.64	0.46		0.44		0.47		0.27	
Pyrene	mg/kg	0.6	0.46		0.44		**0.2**	J	0.27	
Pesticides										
alpha-Chlordane	mg/kg	0.0051	0.0046		0.0044		0.0047		0.0027	
beta-BHC	mg/kg	0.0072	**0.0028**	J	0.0044		0.0047		0.0027	
delta-BHC	mg/kg	0.009	0.0046		0.0044		0.0047		0.0027	
gamma-Chlordane	mg/kg	0.006	0.0046		0.0044		0.0047		0.0027	

Table 3
Sediment Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Sediment - 3X	HNC-03-03-612 08/08/2012 Field Sample		HNC-04-03-612 08/08/2012 Field Sample		HNC-05-03-612 08/08/2012 Field Sample		MPC-01-03-611 08/09/2012 Field Sample	
Metals										
Aluminum	mg/kg	46500	**7230**		**8670**		**10900**		**12000**	
Arsenic	mg/kg	72	**9**		**8.2**		**4.7**		**6.2**	
Barium	mg/kg	6150	**959**		**1560**		**238**		**289**	
Beryllium	mg/kg	3.9					**1.1**		**1.1**	
Cadmium	mg/kg	--								
Calcium	mg/kg	83100	**14500**		**6480**		**5090**		**8280**	
Chromium	mg/kg	39.6	**8.7**		**11.9**		**13**		**13.2**	
Cobalt	mg/kg	59.4	**10.1**		**11.8**		**12**		**10.7**	
Copper	mg/kg	91.8	**18.5**		**22**		**26**		**23.5**	
Iron	mg/kg	132300	**17800**		**17500**		**20500**		**18900**	
Lead	mg/kg	129.6	**18.2**		**22.9**		**19.3**		**19.9**	
Magnesium	mg/kg	20940	**4500**		**5260**		**5470**		**6890**	
Manganese	mg/kg	2790	**736**		**668**		**359**		**444**	
Mercury	mg/kg	0.495								
Nickel	mg/kg	95.4	**19.6**		**22.6**		**29.9**		**26.1**	
Potassium	mg/kg	6870	**1380**		**1550**		**1660**		**2290**	
Sodium	mg/kg	3870	**799**		**843**		**765**		**1290**	
Vanadium	mg/kg	108.6	**20.9**		**24.1**		**36.2**		**34**	
Zinc	mg/kg	501	**88.7**		**96.2**		**75.1**		**74.7**	
Volatiles										
2-Butanone	mg/kg	0.3	**0.019**	**J**	**0.016**	**J**	**0.028**	**v**	**0.032**	
Acetone	mg/kg	0.84	**0.073**		**0.059**		**0.16**	**v**	**0.11**	
Methyl acetate	mg/kg	0.045	0.0096		0.012		**0.017**		0.012	
Semivolatiles										

Table 3
Sediment Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	Sediment - 3X	HNC-03-03-612 08/08/2012 Field Sample		HNC-04-03-612 08/08/2012 Field Sample		HNC-05-03-612 08/08/2012 Field Sample		MPC-01-03-611 08/09/2012 Field Sample	
Benzo(a)anthracene	mg/kg	0.64	0.34		0.41		0.36		0.33	
Benzo(a)pyrene	mg/kg	0.64	0.34		0.41		0.36		0.33	
Benzo(b)fluoranthene	mg/kg	0.64	0.34		0.41		0.36		0.33	
Benzo(g,h,i)perylene	mg/kg	0.64	0.34		0.41		0.36		0.33	
Benzo(k)fluoranthene	mg/kg	0.64	0.34		0.41		0.36		0.33	
Bis(2-ethylhexyl)phthalate	mg/kg	0.87	**0.13**	**J**	**0.15**	**J**	**0.15**	**J**	**0.11**	**J**
Chrysene	mg/kg	0.297	0.34		0.41		0.36		0.33	
Dimethylphthalate	mg/kg	0.64	0.34		0.41		0.36		0.33	
Di-n-butylphthalate	mg/kg	0.33	**0.1**	**J**	**0.11**	**J**	**0.1**	**J**	**0.094**	**J**
Fluoranthene	mg/kg	0.69	0.34		0.41		0.36		0.33	
Indeno(1,2,3-cd)pyrene	mg/kg	0.64	0.34		0.41		0.36		0.33	
Phenanthrene	mg/kg	0.64	0.34		0.41		0.36		0.33	
Pyrene	mg/kg	0.6	0.34		0.41		0.36		0.33	
Pesticides										
alpha-Chlordane	mg/kg	0.0051	0.0034		0.0041		**0.0023**	**J**	0.0032	
beta-BHC	mg/kg	0.0072	**0.0027**	**J**	0.0041		**0.0022**	**J**	**0.0022**	**J**
delta-BHC	mg/kg	0.009	**0.0022**	**J**	0.0041		0.0036		**0.003**	**J**
gamma-Chlordane	mg/kg	0.006	0.0034		0.0041		**0.0021**	**J**	0.0032	

Table 4
Pit - Waste Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	EPA RML Residential Soil	EPA RML Industrial Soil	Sample ID Date Sample Type	DSE-01-120-413 08/08/2012 Field Sample	DSE-01-144-413 08/08/2012 Field Sample	DSE-01-24-413 08/08/2012 Field Sample	DSE-01-48-413 08/08/2012 Field Sample
General								
% Solids	%			--	**66.17**	**59.83**	**72.03**	**71.72**
Pan	%			--	**1.166**	**1.161**	**1.165**	**1.162**
SampleDry&Pan	%			--	**4.483**	**4.249**	**5.025**	**4.844**
SampleWet	%			--	**5.013**	**5.161**	**5.359**	**5.134**
Metals								
Aluminum	mg/kg	230000	3000000	--	**7310**	**8510**	**4030**	**3520**
Antimony	mg/kg	94	1200	--	**1.9**	**1.8**	**4.8 J**	**6.5**
Arsenic	mg/kg	39	160	--	**26.3**	**37.3**	**28.6**	**26.9**
Barium	mg/kg	46000	570000	--	**1060**	**1410**	**683 J**	**635**
Beryllium	mg/kg	470	6000	--		**0.9**		
Cadmium	mg/kg	210	2400	--	**1.5**		**5.8**	**6**
Calcium	mg/kg			--	**14300**	**7620**	**17300 J**	**19500**
Chromium	mg/kg			--	**96.2**	**17.3**	**327**	**296**
Cobalt	mg/kg	70	910	--	**9.2**	**11.2**	**7.5**	**5.2**
Copper	mg/kg	9400	120000	--	**36**	**34.5**	**73.6**	**73.5**
Iron	mg/kg	160000	2100000	--	**17000**	**16300**	**16200**	**13500**
Lead	mg/kg	400	800	--	**310**	**131**	**803**	**733**
Magnesium	mg/kg			--	**4070**	**4770**	**2390**	**2140**
Manganese	mg/kg			--	**465**	**358**	**569**	**501**
Mercury	mg/kg	30	130	--	**0.609**	**0.142**	**1.8**	**2.07**
Nickel	mg/kg			--	**18.5**	**23.2**	**16.3**	**12.8**
Potassium	mg/kg			--	**1270**	**1340**	**904**	**871**
Selenium	mg/kg	1200	15000	--				
Silver	mg/kg	1200	15000	--			**5 J**	**3.3 K**
Sodium	mg/kg			--	**1990**	**1980**	**467**	**2150**
Vanadium	mg/kg			--	**21.3**	**25.4**	**14.8**	**13.3**
Zinc	mg/kg	70000	920000	--	**361**	**124**	**1200**	**1200**

Table 4
Pit - Waste Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	EPA RML Residential Soil	EPA RML Industrial Soil	Sample ID Date Sample Type	DSE-01-120-413 08/08/2012 Field Sample	DSE-01-144-413 08/08/2012 Field Sample	DSE-01-24-413 08/08/2012 Field Sample	DSE-01-48-413 08/08/2012 Field Sample
PCBs								
Aroclor-1016	mg/kg	12	110	--			**0.0654 NJ**	**0.0803 NJ**
Aroclor-1254	mg/kg	3.4	32	--		**0.0386**	**0.095**	
Aroclor-1260	mg/kg	22	74	--				
Pesticides								
4,4´-DDE	mg/kg	140	510	--	**0.0341**	**0.00171**		
Semivolatiles								
1,1'-Biphenyl	mg/kg	150	640	--	**14.7 J**		**4.89 J**	**49.9**
2-Methylnaphthalene	mg/kg	690	6600	--	**213**	**5.16 J**	**50.7 J**	**593**
Acenaphthene	mg/kg	10000	99000	--	**6.07 J**	**0.54**	**6.39 J**	**20.1**
Anthracene	mg/kg	52000	500000	--	**3.47**		**1.8**	**6.8 J**
Dibenzofuran	mg/kg	230	3100	--	**10.3 J**		**5.52 NJ**	**22.5**
Fluoranthene	mg/kg	6900	66000	--				**3.7 J**
Fluorene	mg/kg	6900	66000	--	**14.9**	**0.745 J**	**8.55 J**	**38.3**
Naphthalene	mg/kg	360	1800	--	**44.2**	**0.564 J**	**18.3**	**184**
Phenanthrene	mg/kg			--	**33.4**	**1.97**	**11.9**	**89.2**
Pyrene	mg/kg	5200	50000	--	**1.55**		**1.66**	**3.41**
Volatiles								
Acetone	mg/kg	180000	1900000	--				**2.04**
Benzene	mg/kg	110	540	--				**0.86**
Cyclohexane	mg/kg	21000	88000	--	**0.186 J**		**0.23 J**	**1.9 J**
Ethylbenzene	mg/kg	540	2700	--	**0.492**		**0.858**	**6.04**
Isopropylbenzene	mg/kg	6200	32000	--	**0.324**		**0.456**	**2.36**
meta-/para-Xylene	mg/kg			--	**2.1**		**3.9**	**20.3**
Methylcyclohexane	mg/kg			--	**1 J**		**1.64 J**	**5.69 J**
ortho-Xylene	mg/kg	2100	9000	--	**0.977**		**2.1**	**9.94**
Toluene	mg/kg	15000	140000	--	**0.349**		**0.641**	**5.94**

Table 4
Pit - Waste Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	EPA RML Residential Soil	EPA RML Industrial Soil	Sample ID Date Sample Type	DSE-01-72-413 08/08/2012 Field Sample	DSE-01-96-413 08/08/2012 Field Sample	DSE-02-120-413 08/06/2012 Field Sample	DSE-02-144-413 08/06/2012 Field Sample
General								
% Solids	%			--	**71.39**	**72.08**	**53.19**	**57.03**
Pan	%			--	**1.161**	**1.159**	**1.167**	**1.165**
SampleDry&Pan	%			--	**4.816**	**5.023**	**4.044**	**4.389**
SampleWet	%			--	**5.12**	**5.361**	**5.409**	**5.653**
Metals								
Aluminum	mg/kg	230000	3000000	--	**5890**	**5500**	**7960**	**11500**
Antimony	mg/kg	94	1200	--	**3.1**	**5.8**		
Arsenic	mg/kg	39	160	--	**40.9**	**63.5**	**43.1**	**6.9**
Barium	mg/kg	46000	570000	--	**1250**	**604**	**1620**	**1470**
Beryllium	mg/kg	470	6000	--			0.9 U	**1.3**
Cadmium	mg/kg	210	2400	--	**2.4**	**3.8**	**1.7**	
Calcium	mg/kg			--	**10800**	**12100**	**9180**	**6220**
Chromium	mg/kg			--	**137**	**73.2**	**27.1**	**12.7**
Cobalt	mg/kg	70	910	--	**8.9**	**8.1**	**7.8**	**11.7**
Copper	mg/kg	9400	120000	--	**48.8**	**57.6**	**31**	**31.7**
Iron	mg/kg	160000	2100000	--	**14300**	**14500**	**13200**	**18100**
Lead	mg/kg	400	800	--	**405**	**541**	**222**	**30.4**
Magnesium	mg/kg			--	**3210**	**3300**	**4590**	**5600**
Manganese	mg/kg			--	**355**	**489**	**379**	**210**
Mercury	mg/kg	30	130	--	**1.82**	**1.75**	**0.655**	
Nickel	mg/kg			--	**16.6**	**16.4**	**17.5**	**24.6**
Potassium	mg/kg			--	**1210**	**1020**	**1510**	**1600**
Selenium	mg/kg	1200	15000	--	1.3 U			
Silver	mg/kg	1200	15000	--	**2.1 K**	**2 K**		
Sodium	mg/kg			--	**2230**	**3090**	**2550**	**1980**
Vanadium	mg/kg			--	**16.6**	**16.7**	**24.9**	**34.7**
Zinc	mg/kg	70000	920000	--	**560**	**723**	**351**	**91.7**

Table 4
Pit - Waste Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	EPA RML Residential Soil	EPA RML Industrial Soil	Sample ID Date Sample Type	DSE-01-72-413 08/08/2012 Field Sample	DSE-01-96-413 08/08/2012 Field Sample	DSE-02-120-413 08/06/2012 Field Sample	DSE-02-144-413 08/06/2012 Field Sample
PCBs								
Aroclor-1016	mg/kg	12	110	--	**0.0864 NJ**			
Aroclor-1254	mg/kg	3.4	32	--		**0.0407 NJ**	**0.0503 NJ**	
Aroclor-1260	mg/kg	22	74	--				
Pesticides								
4,4´-DDE	mg/kg	140	510	--		**0.00203**		
Semivolatiles								
1,1'-Biphenyl	mg/kg	150	640	--	**36.1**	**22.2 J**	**16.3**	
2-Methylnaphthalene	mg/kg	690	6600	--	**523**	**310**	**165 J**	**1.39**
Acenaphthene	mg/kg	10000	99000	--	**19.1**	**5.04 J**		
Anthracene	mg/kg	52000	500000	--	**4.84 J**	**3.15 J**	**0.937 J**	
Dibenzofuran	mg/kg	230	3100	--	**17.5**	**19.1 J**	**10.2**	
Fluoranthene	mg/kg	6900	66000	--	**2.04 J**		**0.964 J**	
Fluorene	mg/kg	6900	66000	--	**30.3**	**17.2 J**	**17.2**	
Naphthalene	mg/kg	360	1800	--	**164**	**86.1**	**46.8 J**	
Phenanthrene	mg/kg			--	**77.7**	**43.7**	**26.9 J**	**0.642**
Pyrene	mg/kg	5200	50000	--	**3.21**	**1.88 J**	**0.909**	
Volatiles								
Acetone	mg/kg	180000	1900000	--	**1.4**	**0.705**		
Benzene	mg/kg	110	540	--	**0.584**	**0.146**		
Cyclohexane	mg/kg	21000	88000	--	**1.34 J**	**0.416 J**	**0.25 J**	
Ethylbenzene	mg/kg	540	2700	--	**3.97**	**1.48**	**0.677**	
Isopropylbenzene	mg/kg	6200	32000	--	**1.55**	**0.78**	**0.354**	
meta-/para-Xylene	mg/kg			--	**16.5**	**6.24**	**2.92 J**	
Methylcyclohexane	mg/kg			--	**7.78 J**	**2.88 J**	**1.1 J**	
ortho-Xylene	mg/kg	2100	9000	--	**8.2**	**2.59**	**1.47**	
Toluene	mg/kg	15000	140000	--	**3.85**	**0.828**	**0.445**	

Table 4
Pit - Waste Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	EPA RML Residential Soil	EPA RML Industrial Soil	Sample ID Date Sample Type	DSE-02-24-413 08/06/2012 Field Sample	DSE-02-48-413 08/06/2012 Field Sample	DSE-02-72-413 08/06/2012 Field Sample	DSE-02-96-413 08/06/2012 Field Sample
General								
% Solids	%			--	**74.43**	**66.51**	**73.68**	**71.51**
Pan	%			--	**1.167**	**1.178**	**1.175**	**1.17**
SampleDry&Pan	%			--	**5.656**	**4.623**	**5.338**	**5.141**
SampleWet	%			--	**6.031**	**5.18**	**5.65**	**5.553**
Metals								
Aluminum	mg/kg	230000	3000000	--	**2120**	**3770**	**2630**	**4870**
Antimony	mg/kg	94	1200	--	**6.3**	**8.7**	**4.7**	**4.5**
Arsenic	mg/kg	39	160	--	**26.7**	**41.9**	**25.1**	**43.9**
Barium	mg/kg	46000	570000	--	**570**	**528**	**740**	**617**
Beryllium	mg/kg	470	6000	--				
Cadmium	mg/kg	210	2400	--	**6.9**	**10.2**	**5.6**	**5.8**
Calcium	mg/kg			--	**14000**	**16300**	**15200**	**14000**
Chromium	mg/kg			--	**179**	**191**	**218**	**114**
Cobalt	mg/kg	70	910	--	**4**	**6.5**	**4.9**	**7**
Copper	mg/kg	9400	120000	--	**64.6**	**90.8**	**58.6**	**65.1**
Iron	mg/kg	160000	2100000	--	**11700**	**17700**	**10300**	**15300**
Lead	mg/kg	400	800	--	**669**	**1170**	**590**	**572**
Magnesium	mg/kg			--	**1470**	**2360**	**1700**	**3060**
Manganese	mg/kg			--	**502**	**726**	**432**	**511**
Mercury	mg/kg	30	130	--	**2.24**	**2.67**	**1.1**	**0.26**
Nickel	mg/kg			--	**9.7**	**13.8**	**10.1**	**15**
Potassium	mg/kg			--	**502**	**836**	**623**	**940**
Selenium	mg/kg	1200	15000	--				
Silver	mg/kg	1200	15000	--	**3 K**	**5.3 K**	**2.6 K**	**2.1 K**
Sodium	mg/kg			--	**1110**	**2320**	**1520**	**1430**
Vanadium	mg/kg			--	**10.4**	**14.7**	**10.5**	**15.9**
Zinc	mg/kg	70000	920000	--	**1340**	**2000**	**1080**	**1200**

Table 4
Pit - Waste Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	EPA RML Residential Soil	EPA RML Industrial Soil	Sample ID Date Sample Type	DSE-02-24-413 08/06/2012 Field Sample	DSE-02-48-413 08/06/2012 Field Sample	DSE-02-72-413 08/06/2012 Field Sample	DSE-02-96-413 08/06/2012 Field Sample
PCBs								
Aroclor-1016	mg/kg	12	110	--				
Aroclor-1254	mg/kg	3.4	32	--		**0.101 J**		**0.114**
Aroclor-1260	mg/kg	22	74	--				**0.0349 NJ**
Pesticides								
4,4´-DDE	mg/kg	140	510	--				
Semivolatiles								
1,1'-Biphenyl	mg/kg	150	640	--	**43.9**	**43.7**		**16.8**
2-Methylnaphthalene	mg/kg	690	6600	--	**480**	**612**	**517**	**182**
Acenaphthene	mg/kg	10000	99000	--	**12.6**		**23.1**	
Anthracene	mg/kg	52000	500000	--	**4.7 J**	**6.93**	**13**	**1.55 J**
Dibenzofuran	mg/kg	230	3100	--	**16.3**	**26**		**10.5 J**
Fluoranthene	mg/kg	6900	66000	--	**2.09 J**	**3.44**		**1.49 J**
Fluorene	mg/kg	6900	66000	--	**28.1**	**44.1**	**61.7**	**12.8**
Naphthalene	mg/kg	360	1800	--	**142**	**188**	**79.9**	**50.6**
Phenanthrene	mg/kg			--	**72.6**	**103**	**100**	**31.3**
Pyrene	mg/kg	5200	50000	--	**1.51 J**	**2.09**	**13.5**	**1.27**
Volatiles								
Acetone	mg/kg	180000	1900000	--	**2.68**	**2.02**	**1.88**	**1.33 J**
Benzene	mg/kg	110	540	--	**0.754 J**	**0.762**	**1.01**	**0.732**
Cyclohexane	mg/kg	21000	88000	--	**1.58 J**	**1.38 J**	**1.44 J**	**2.27 J**
Ethylbenzene	mg/kg	540	2700	--	**6.41 J**	**4.62**	**3.52**	**6.48**
Isopropylbenzene	mg/kg	6200	32000	--	**2.22 J**	**1.82**	**1.36**	**2.65**
meta-/para-Xylene	mg/kg			--	**16 J**	**23.3**	**15.8**	**23.9**
Methylcyclohexane	mg/kg			--	**9.86 J**	**8.04 J**	**7.41 J**	**8.13 J**
ortho-Xylene	mg/kg	2100	9000	--	**8.22 J**	**11.3**	**7.97**	**11.8**
Toluene	mg/kg	15000	140000	--	**6.93 J**	**5.09**	**4.48**	**7.45**

Table 4
Pit - Waste Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	EPA RML Residential Soil	EPA RML Industrial Soil	Sample ID Date Sample Type	DSE-03-24-413 08/09/2012 Field Sample	DSE-03-48-413 08/09/2012 Field Sample
General						
% Solids	%			--	**59.21**	**61.72**
Pan	%			--	**1.163**	**1.205**
SampleDry&Pan	%			--	**4.165**	**4.525**
SampleWet	%			--	**5.07**	**5.379**
Metals						
Aluminum	mg/kg	230000	3000000	--	**8420**	**9730**
Antimony	mg/kg	94	1200	--		
Arsenic	mg/kg	39	160	--	**18.1**	**26.6**
Barium	mg/kg	46000	570000	--	**1890**	**1390**
Beryllium	mg/kg	470	6000	--		**0.8**
Cadmium	mg/kg	210	2400	--	**1.7**	0.7 U
Calcium	mg/kg			--	**9450**	**9550**
Chromium	mg/kg			--	**98 J**	**25.9**
Cobalt	mg/kg	70	910	--	**9.4**	**12.7**
Copper	mg/kg	9400	120000	--	**41.3**	**34.8**
Iron	mg/kg	160000	2100000	--	**15900**	**20300**
Lead	mg/kg	400	800	--	**194**	**151**
Magnesium	mg/kg			--	**3790**	**5180**
Manganese	mg/kg			--	**304**	**541**
Mercury	mg/kg	30	130	--	**0.478**	**0.207**
Nickel	mg/kg			--	**17.4**	**26.7**
Potassium	mg/kg			--	**1500**	**1740**
Selenium	mg/kg	1200	15000	--	**2.8**	**5.8**
Silver	mg/kg	1200	15000	--		
Sodium	mg/kg			--	**498**	**797**
Vanadium	mg/kg			--	**24.4**	**24.2**
Zinc	mg/kg	70000	920000	--	**430 J**	**281**

Table 4
Pit - Waste Sample Analytical Results Summary
Delta Shipyards
Houma, LA

Analyte	Units	EPA RML Residential Soil	EPA RML Industrial Soil	Sample ID Date Sample Type	DSE-03-24-413 08/09/2012 Field Sample	DSE-03-48-413 08/09/2012 Field Sample
PCBs						
Aroclor-1016	mg/kg	12	110	--		
Aroclor-1254	mg/kg	3.4	32	--		**0.259**
Aroclor-1260	mg/kg	22	74	--		**0.0446 J**
Pesticides						
4,4´-DDE	mg/kg	140	510	--		
Semivolatiles						
1,1'-Biphenyl	mg/kg	150	640	--		**1.71**
2-Methylnaphthalene	mg/kg	690	6600	--	**98.4**	**21.8**
Acenaphthene	mg/kg	10000	99000	--	**3.56**	**0.993**
Anthracene	mg/kg	52000	500000	--	**2.55**	**0.455**
Dibenzofuran	mg/kg	230	3100	--		**0.913**
Fluoranthene	mg/kg	6900	66000	--		**0.52**
Fluorene	mg/kg	6900	66000	--	**11.6**	**2.63**
Naphthalene	mg/kg	360	1800	--	**10.6**	**5.19**
Phenanthrene	mg/kg			--	**23.5**	**4.93**
Pyrene	mg/kg	5200	50000	--	**2.2**	**0.701**
Volatiles						
Acetone	mg/kg	180000	1900000	--		
Benzene	mg/kg	110	540	--		
Cyclohexane	mg/kg	21000	88000	--	**0.165**	
Ethylbenzene	mg/kg	540	2700	--	**0.163**	**0.223**
Isopropylbenzene	mg/kg	6200	32000	--	**0.286**	**0.109**
meta-/para-Xylene	mg/kg			--	**0.812**	**0.891**
Methylcyclohexane	mg/kg			--	**0.955**	**0.266**
ortho-Xylene	mg/kg	2100	9000	--	**0.501**	**0.463**
Toluene	mg/kg	15000	140000	--	**0.103**	**0.153**

ATTACHMENT D

START-3 SITE LOGBOOKS

FORESTRY SUPPLIES
49342

"Rite in the Rain"®
ALL-WEATHER
JOURNAL
No. 391

Delta Shipyard
TO-0019-11-10-01
WO # 20406.012.019..
0680.01

1300099

If found, please return to:
Weston Solutions, Inc.
14160 Dallas Parkway, Suite 850
Dallas, Texas 75254 469-374-7700
Postage will be paid.

Name \

Address

Phone

Project Delta Shipyard
TO-0019-11-10-01
WO # 20406.012.019.0680.9

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook.
Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation

Cell - 225-276-0944

TODD THIBODEAUX
Environmental Scientist
Office of Environmental Assessment
Louisiana Department of Environmental Quality

Remediation Services Division
Post Office Box 4314
Baton Rouge, LA 70821-4314

(225) 219-~~2225~~ 3516
Fax: (225) 219-3239
e-mail: Todd.Thibodeaux@la.gov

13000100

01-09-12 TO-0019-11-10-01

12:45 Arrive at New Orleans.
15:00 Arrive at Terminal Rd. 30°0'3"N, 90°0'35 W. Drive to end of gravel Rd. on south end flatbed storage Crescent Crown Distributing at 29°59'59"N, 90°05'55"W on east side of Terminal Rd. ——— mg

1400 Arrive at former Recoil Corporation - 4150 Paris Rd. 29°57'37"N, 89°57'20" W. Abandoned orange bldg. with garage door bays. Only other bldgs. in area include St. Bernard Parish government bldgs., possibly maintainance facility. —
1800 Arrive at hotel in Houma, LA. ——— mg

Michelle Gen

01-10-12 TO-0019-11-10-01

10:30 Arrive at Delta Shipyard. M. Brown (START) Brenda Cook (EPA). Meet LDEQ personnel Todd Thibidaux, John Hall view pits which are currently dry. Pits look muddy with with crusty areas. Depth unknown, but est. 10-12' deep. LDEQ concerned w/ flooding + proximity to waterway. Based on a gentleman driving by, property currently owned by EBI. Believe 4th pit remediated, or dug up — that pit on private property. No vegetation currently growing on any of the three existing pits observed. LDEQ looking at treating in place, possibly solidifying. Need historical aerials, current property owners, current property boundaries. Shaun + Elisha w/ EBI on property checking to

Michelle Gen

01-10-12 TO-0019-11-10-01

see what we are doing.
Property actually owned
by Lee Dean, Elisha's
grandfather. 4th pit
not known about.
Ken Saraney w/ EBI
2 25 yrs. here probably
has historical knowledge.
Alicia Dean-Nettles
985 855 0112, 373-4275
cell numbers for current
access.
G+H Barges use waterway.
Shawn Nettles other contact.
Possible sampling in
March/April of this year
1134 Property on water
boundary to the south for sale -
Century 21 Action Realty
868-43-46663. Currently
F+M Mafco resides on.
1140 Overflow weir at
south end of last pit,
observed. Also observe hose
coming out of bottom of

Michelle Brown

01-10-12 TO-0019-11-10-01

berm on south end. Have
series of valves to control
water level within pits.
1203 Depart Delta Shipyard.
1400 Arrive at Cambridge Dr
in LaPlace, LA. Find empty
fenced property that could
have been former treatment
plant. All other properties
along Cambridge residential
or commercial. Find current
water trmt. plant where
Cambridge dead ends onto
Woodland Dr.
1500 Depart Laplace, LA
for New Orleans airport.

Michelle Brown

06 MB
08-~~03~~-12 TO-0019-11-10-01

0730 START-3 M. Brown arrives on site at Delta Shipyard. Meets START-3 representatives J. Wright, R. Sherman, E. Bay + L. Howard. Subcontractors on site for geo-probe drilling + laying down tracks to access locations.

0800 HTS tailgate meeting conducted. Logged in seperate logbook for removal tasking.

0955 Sample DSE-04 collected. Details in removal log. All sample collection details will be part of a seperate logbook.

Michael Brown

08-08-12 TO-0019-11-10-01

0730 START-3 M. Brown + Larry Howard meet EPA Brenda Cook and subcontractor S. Miguez with Quality Marine Service Inc. at public boat docks to conduct surface water sampling.

0830 Arrive at sampling location ~~HEN~~ HNC-05. The furthest downstream sample location within the Houma Navigation Canal. Lat. 29.537762, Long. -90.70495. Collect surface water sample.

0850 Collect sediment sample from location HNC-05

0930 Arrive at sample location DC-01, a background sample location in ship channel off Dickson. Lat 29.545533, Long -90.70285. Collect surface water sample.

0940 Collect sediment at location DC-01.

Michael Brown

08-08-12 TO-0019-11-10-01

10:00 Arrive at sample location HNC-04 located within the Houma Navigation Canal at Lat 29.550129, Long. -90.704244. Collect surface water sample.

10:10 Collect sediment sample from location HNC-04.

10:30 Arrive at sample location HNC-03 located within the Houma Navigation Canal ~~doing~~ upstream of HNC-04 at Lat. 29.552666, Long. -90.70714. Collect surface water sample.

10:40 Collect sediment sample from location HNC-03.

11:00 Arrive at sample location HNC-02 located within Houma Navigation Canal before confluence with Bayou La Carpe. This is a background location at Lat. 29.55591, Long. -90.707648. Collect surface

Michelle Gra

08-08-12 TO-0019-11-10-01

water sample.

11:10 Collect sediment sample at location HNC-02.

11:30 Arrive at sample location HNC-01. This location is within the Houma Navigation Canal mid-point between the Intercoastal Waterway + confluence with Bayou La Carpe. This is a background location at Lat. 29.562787, Long. -90.711756. Collect surface water sample.

11:45 Collect sediment sample at location HNC-01.

12:00 Break for lunch. Weather turns bad and thunderstorms enter the area. Wait for weather to clear to conduct further sampling on water.

14:30 Return to water to conduct further sampling.

Michelle Gra

08-08-12 TO-0019-11-10-01

Due to time, only one more sample will be collected for the day.

1505 Arrive at sample location BLC-04 within Bayou La Carpe. This location has additional volume collected at it for MS/MSD QC. Location at Lat. 29.55789, Long. -90.70390. Surface water sample collected.

15:15 Sediment sample collected from BLC-04.

15:30 Return to boat dock. Complete sampling for day. Get sample location BLC-04 to hotel for sample processing.

Michael Brown

08-09-12 TO-0019-11-10-01

07:30 START-3 M. Brown, L. Howard + EPA B. Cook arrive at Houma public boat dock to meet Quality Marine Service representative S. Miguez. Depart to begin surface water pathway sampling for the day.

08:15 Arrive at sample location MPC-01 located within a ship channel off Main Port. This is a background location at Lat. 29.55879, Long. -90.70216. Collect surface water sample.

0830 Collect sediment sample at location MPC-01.

0835 Arrive at location BLC-03 within Bayou La Carpe, Lat. 29.56079, Long. -90.70456. Collect surface water sample.

08:40 Collect sediment sample at location BLC-03.

09:10 Arrive at sample

Michael Brown

08-09-12 TO-0019-11-10-01

location BLC-02 within Bayou La Carpe upstream of confluence with Company Canal. This is a background location at Lat. ~~29.56813, Long. -90.709~~ 29.562151, Long. -90.70552. Surface water sample collected.
09:15 Sediment sample collected at location BLC-02.
09:30 Arrive at sample location BLC-01 within Bayou La Carpe mid-point between The Intercoastal Waterway and confluence with Company Canal. This is a background location at Lat. 29.56813, Long. -90.70913. Collect surface water sample.
09:40 Collect sediment sample from location BLC-01.
09:55 Arrive at sample location CC-04 located within Company Canal

Michelle Brown

08-09-12 TO-0019-11-10-01

at Lat. 29.56396, Long. -90.70451. Collect surface water sample.
10:00 Collect duplicate of surface water sample at CC-04 location.
10:05 Collect sediment sample at location CC-04
10:10 Collect duplicate sediment sample from location CC-04.
10:30 Arrive at sample location CC-03 within Company Canal. ~~at the PPE~~ Located just downstream of the PPE, at Lat. 29.56396, Long. -90.70446. Collect surface water sample.
10:35 Collect sediment sample at location CC-03.
10:50 Arrive at sample location CC-02 with Company Canal at the PPE. Lat. 29.56474, Long. -90.704517. Collect surface

Michelle Brown

08-09-12 TO-0019-11-10-01

water sample.

11:00 Collect sediment sample from location CC-02.

11:10 Arrive at sample location CC-01. This location is within Company Canal upstream of the site and is a background sample. Lat. 29.560048, Long. -90.702313. Collect Surface water sample.

11:15 Collect sediment sample from location CC-01.

11:30 Head back to boat dock. Surface water pathway sampling concluded.

12:00 Deliver samples to hotel for sample processing.

Late entry — Health + Safety tailgate meetings are noted within I seperate logbook. All boat safety procedures were followed and life vests worn.

Michael Gray

08-09-12 TO-0019-11-10-01

This logbook only covers a site visit conducted during January 2012 and surface water sampling conducted 8 and 9 August 2012. All other events related to sampling covered under a seperate logbook, related to tasking's conducted under TO-0005-12 ~~05-84~~-01.

End of log day.

Michael Gray

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ALL-WEATHER

JOURNAL

No. 391

DELTA SHIPYARD

PITS

RE ASSESSMENT

TO-0005.12-04-01

W/O #20406.012.005.0725.01

13000108

TO-0005-12-04-01

- START-3 HAS BEEN TASKED TO CONDUCT REMOVAL ASSESSMENT SAMPLING ACTIVITIES AT THE DELTA SHIPYARDS SITE IN HOUMA, TERREBONNE PARISH, LA (210 DEAN COURT, HOUMA, LA).
- SAMPLES TO INCLUDE SURFACE + SUBSURFACE ~~SOIL~~ SOIL SAMPLES, WATER SAMPLES, SEDIMENT SAMPLES + WASTE/SOIL SAMPLES.
- SEE QASP FOR SAMPLE LOCATION MAP + SAMPLING PROTOCOL.
- START TO PROVIDE FIELD LOE SUPPORT FOR HRS ASSESSMENT ACTIVITIES AS WELL, WHICH WILL BE CONDUCTED AT THE SAME TIME UNDER TDD TO-0019-11-10-01

TO-0005-12-04-01 8/5/12

1500 STARTS JEFF WRIGHT, ERIC BAY + ROBERT SHERMAN AT BATON ROUGE OFFICE TO LOAD EQUIPMENT.

1510 STARTS E. BAY + R. SHERMAN ENROUTE TO BR WAREHOUSE TO PICK UP ADDITIONAL SUPPLIES

1525 START LARRY HOWARD AT OFFICE, PACKING SAMPLE JARS INTO EMPTY COOLERS.

1610 R. SHERMAN + E. BAY BACK AT OFFICE, BEGIN LOADING REMAINING SUPPLIES.

1700 STARTS JEFF WRIGHT, R. SHERMAN, L. HOWARD + E. BAY DEPART BATON ROUGE OFFICE FOR HOUMA, LA. WILL SPEND THE NIGHT AFTER REVIEWING PLAN FOR SAMPLING ACTIVITIES.

1905 ARRIVE AT COMFORT INN + SUITES IN HOUMA, LA.

1945 STARTS J. WRIGHT, E. BAY R. SHERMAN + L. HOWARD MEET TO REVIEW HASP + TOMORROWS ACTIVITIES.

8/5/12 TO-0005-12-04-01

2030 START MARK BALHOFF IS FLYING INTO NEW ORLEANS & WILL MEET WITH MICHELLE BROWN AND THEN DRIVE TO HOUMA, LA.

TO-0005-12-04-01 8/6/12

0705 STARTS JEFF WRIGHT, ROBERT SHERMAN, MARK BALHOFF, ERIC RAY & LARRY HOWARD DEPART HOTEL FOR DELTA SHIPYARD SITE.

0730 NEWPARK SWAMP GUINS & EDI CLAY COURVILLE ARRIVE ON SITE. NEWPARK WILL PROVIDE ROAD MATS FOR GEOPROBE ACCESS. EDI WILL PROVIDE GEOPROBE. START MICHELLE BROWN ALSO ON SITE.

0740 R. SHERMAN & M. BROWN ARE MARKING DITCH SAMPLE LOCATIONS.

0750 START WRIGHT PROVIDES SITE OVERVIEW WALK WITH NEWPARK & EDI PERSONNEL

0810 START WRIGHT & NEWPARK GUINS PROVIDE DAILY SAFETY MEETING. WEATHER - SUNNY HUMID & HOT HIGH IN LOW 90'S 40% CHANCE OF THUNDERSTORMS SCOPE OF WORK - NEWPARK TO LAY OUT MAT ROAD ACROSS DRAINAGE DITCH; EDI TO

8/6/12 TO-0005-12-04-01

0810 cont. use Swant Master Geoprobe to collect subsurface soil samples. Start to process samples for shipment.

Physical Hazards - Heat Stress, Heavy Equipment, Pinch Points, Uneven Terrain.

Chemical Hazards - PAHs/Naphthalene, Lead, Cadmium & Xylene.

Attendees	Signature
Jeff Lefrancois	
Robert Spoman	
Larry Howard	
Eric Bay	
Mark Balkoff	
Michelle Brown	

0900 EDI setting up Geoprobe on DSE-04.

1025 Poor Recovery on DSE-07 will use core catcher

1100 EDI collecting additional volume for DSE 04

TO-0005-12-04-01 8/6/12

1155 Start processing samples for DSE-7

1220 Break for Lunch.

1305 Delivery samples DSE-04 & 07 to Mark Balkoff to complete COC paperwork.

1330 Starts Brown & Sherman & EPA Brenda Cook processing sample DSE-10. Sample DSE-10 33-34 (Field Rinsate has also been collected.

1415 EDI has moved to Pit 2 (DSE-02) to assess Geoprobes ability to collect sample

1500 Geoprobe was able to collect sample from middle of Pit 2 however it became stuck and had difficulty getting out. It is apparent that Geoprobe will not be able to access middle of pits. 1600 - Start

E. Bay is at Motel assisting with sample management

8/6/12 TO-0005-12-04-01

1615 EDI continued to collect subsurface samples from Pit 2. Gouge to 12' BGS. Grey clay at 11-12'.

1645 Sample locations (within three) appear to have oily contamination through = 8-10' BGS.

1730 Note - Michelle Brown is at motel to assist with sample management & packing.
Samples DSE-02-24-413, DSE-02-48-413, DSE-02-72-413, DSE-02-96-413, DSE-02-120-413, DSE-02-144-413 were collected at 1640 (24+48), 1710 (72+96) & 1725 (120+144)

1800 Start wrapping at motel, sample management continues.

1845 J. Wright & L. Howard to Fed Ex with VOA samples other sample not ready.

1900 Arrive at Fed Ex. Drop off VOA samples. Fed Ex changed airbill due to "2 of 2".

TO-0005-12-04-01 8/6/12

1935 Back at motel. Have meeting with sample management team to discuss improved communication & packing status to effectively process samples.

8/7/12 TO-0005-12-04-01

0640 STARTS J. WRIGHT, R. SHERMAN ARRIVE AT DELTA, SHIPYARD SITE. BEG. PREPARE SAMPLE PROCESS AREA.

0655 ETA BRENDA COOK & STATE M. BROWN ARRIVES ON SITE.

0705 START: L. HOWARD & E. BAY ON SITE. M. BALIKOFF REMAINS AT MOTEL TO PROCESS SAMPLES.

0730 J. WRIGHT CONDUCTS DAILY SAFETY MEETING. WEATHER MOSTLY SUNNY HUMID ~75°F HIGH IN LOW 90'S. PHYSICAL HAZARDS - HEAT STRESS, SLIP TRIP FALL, UNEVEN TERRAIN CHEMICAL HAZARDS. PAHs / HYDROCARBONS, LEAD, CHROMIUM & XYLENE

ATTENDEES	SIGNATURE
JEFF WRIGHT	
ROBERT SHERMAN	
LARRY HOWARD	
ERIC BAY	
Michelle Brown	
ERIK HADWIN	

TO-0005-12-04-01 8/7/12

0735 START ERIK HADWIN ARRIVES AT SITE; PROCEEDS TO COMFORT INN TO DROP OF PRINTER PAPER

0740 EDT PREPARE EQUIPMENT FOR TODAY'S WORK.

0805 SET-UP AT DSE-13

0845 STARTS R. SHERMAN + M. BROWN PROCESSING SAMPLES DSE-13-12-515, DSE-13-24-515 & DSE-13-48-515. SAMPLES LOCATED WEST OF PIT 3.

0900 PROCESS SAMPLES DSE-13-72-515 + DSE-13-96-515

0930 DELIVER DSE-13 SAMPLES TO MARK BALIKOFF (SAMPLE MANAGEMENT)

1000 START PROCESS/COLLECTING SAMPLE DSE-16

1030 STARTS WRIGHT PROVIDE DSE-16 SAMPLES (DSE-16-12-515, DSE-16-24-515, DSE-16-48-515) & DSE-72-515 & DSE-16-96-515) TO SAMPLE MANAGEMENT TEAM (M. BALIKOFF & E. BAY)

1045 STARTS ROBERT SHERMAN + ERIC HADWIN PROCESS SAMPLES DSE-06 SAMPLES

8/7/12 TO-0005-12-04-01

1130 START PROCESSING SAMPLE DSE-08. EDI BREAKS FOR LUNCH.

1215 START WRIGHT PROVIDES SAMPLES DSE-16 + DSE-06 TO SAMPLE MANAGEMENT TEAM

1220 START WRIGHT COLLECTS RINSATE SAMPLE (FOR SOIL AFTER DSE-08)

1300 STARTS ON LUNCH BREAK.

1320 EDI TO RESUME GEOPROBE WORK IN PIT 1

1350 DENVER SAMPLES DSE-08 TO SAMPLE MANAGEMENT TEAM. NO ADDITIONAL CLP SAMPLES WILL BE COLLECTED TODAY. NOTE: MICHELLE BROWN HAS BEEN ASSISTING WITH SAMPLE MANAGEMENT SINCE ≈1000

1400 EDI CONTINUES GEOPROBE SAMPLE COLLECTION TO DEPTH OF 12'. WILL COLLECT FOUR SAMPLES (0'-12') FROM PIT 1. ONE FROM EACH CORNER.

TO-0005-12-0401 8/7/12

1530 EDI COMPLETES SUBSURFACE SAMPLE COLLECTION FROM PIT 1

1600 START E. HADDOW + L. HOWARD CUTTING OPEN CORES TO LOG.

1648 EDI OFFSITE FOR THE DAY.

1715 BACK AT HOTEL TO ASSIST WITH SAMPLE SHIPMENT PREP. SAMPLES + COC'S LISTED IN SAMPLE COLLECTION LOG.

8/8/12 TO-0005-12-04-01

0630 STARTS JEFF WRIGHT, ERIK HADWIN LARRY HOWARD, MARK BAMHOFF & ERIC BAY MEETING AT MOTEL FOR MORNING SAFETY MEETING

WEATHER MOSTLY SUNNY HIGH ON LOW 90'S. 40% CHANCE OF THUNDERSTORMS. PHYSICAL HAZARDS - UNEVEN TERRAIN, SLIP/TRIP/FALL, HEAT STRESS

CHEMICAL HAZARDS PAHs/NAPHTHALENE LEAD, CHROMIUM & XYLENE

SCOPE OF WORK. WATER & SEDIMENT SAMPLING, SOIL & WASTE SAMPLING SAMPLE PROCESS & SAMPLE MANAGEMENT.

ATTENDEES	SIGNATURE
JEFF WRIGHT	
ERIK HADWIN	
LARRY HOWARD.	
ERIC BAY	
MARK BAMHOFF	
Michelle Brown	

TO-0005-12-04-01 8/8/12

0645 STARTS WRIGHT & HADWIN AT DELTA-SHIPYARD SITE, BEGIN PREPING SAMPLE PROCESS AREA. START MICHELLE BROWN & EPA BRENDA COOK ALSO PRESENT.

0710 START MEETS WITH BOAT OPS CONTRACTOR (CHARLIE PAYNE, JR) QUALITY MARINE, WHO WILL PROVIDE BOAT ACCESS TO WATER SAMPLE LOCATIONS.

0740 CONDUCT BOAT OPS MEETING. OBEY ALL BOAT CAPTAIN INSTRUCTION. WEAR LIFE JACKET. START SAMPLE TEAM WILL BE MICHELLE BROWN, LARRY HOWARD & EPA BRENDA COOK.

0745 STARTS E. BAY HAS BROUGHT WATER/SEDIMENT SAMPLING CONTAINERS.

0800 EDI (GEOPROBE CONTRACTOR) CLAY CONNERLLE IS SET UP AT DSE-20 (SE OF PIT 3) TO COLLECT SUBSURFACE SAMPLE

0815 START HADWIN PROCESS TO SAMPLES FOR DSE-20 LOCATIONS

13000115

8/8/12 TO-0005-12-04-01

0930 START WRIGHT DELIVERS DSE-20 SAMPLES TO MOTEL ~~FOR~~ FOR SAMPLE MANAGEMENT PROCESSING. NOTE: START SARAH HITCHCOCK IS AT MOTEL TO HELP WITH SAMPLE SHIPMENT PREP.

0955 START WRIGHT BACK AT SITE START E. HADWIN PROCESS/COLLECTING DSE-05 SAMPLES. EDI PREPARING EQUIPMENT TO ENTER AND SAMPLE PIT #3 AREA (DSE-03).

1030 EDI CONTINUE REPORTS THAT THEY ARE HAVING DIFFICULTY WITH SAMPLE RECOVERY AT STATION B (NE CORNER). ABLE TO GET CORE OF 2' TO 4' BUT AREA BETWEEN 4 TO 8 FEET IS VERY LOOSE & UNABLE TO RETAIN IN TUBE. WILL MOVE TO SOUTHEAST CORNER (STATION A).

1100 START HADWIN PROCESSING 4'-6' (DSE-05-72-515) & 6'-8' (DSE-05-96-515) SAMPLE SECTIONS.

1130 EDI CONTINUE STATES THAT SIMILAR RECOVERY PROBLEMS

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1130 CONT. AT STATION A OF PIT 3. SOME RECOVERY IN 0-4' SECTION, BUT LITTLE TO NO RECOVERY BELOW. THEY ARE ENCOUNTERING WOOD PEBBLES A ABOUT 6' BGS. THE 0'-4' SECTION IS OILY IN APPEARANCE WITH A PETROLEUM ODOR. H. READING ABOVE BACKGROUND OF MULTIRAE.

1145 EDI MOVING GEOPROBE TO NW STATION C.

1200 START WRIGHT DELIVERY SAMPLES DSE-05 TO MOTEL FOR PROCESSING

1230 WATER SAMPLE TEAM BACK AT MOTEL WITH WATER & SEDIMENT SAMPLES. COLLECTED SAMPLES FROM THE 6 MOST DOWNSTREAM LOCATIONS. WILL ATTEMPT TO COLLECT ADDITIONAL SAMPLES. START WRIGHT INFORMED M. BROWN THAT THE AMOUNT OF SAMPLES CURRENTLY WITH SAMPLE MANAGEMENT TEAM WOULD BE ALL THAT COULD BE PROCESSED TODAY

8/8/12 TO-0005-12-04-01

1230 cont - and shipped out today M. Brown said she understood but EPA Cook wants to continue collection, even if all samples can not go out.

1235 Start Wright & Hadwin break for lunch.

1300 Starts Wright & Hadwin back to site. EDI continue saying that similar recovery results occurred at Stations C & D. He said that there may be a round rock mat around the perimeter (inside) at a depth of 6 or 7 feet BGS. The pit area is too wet & sandy for Geoprobe to access areas of the pit closer to the middle. Start Wright has requested that a 12' BGS core be collected just outside the SE corner (north DSE-20) to provide core sample for logging.

TO-0005-12-04-01 8/8/12

1330 EDI decon-ing Swamp Master. Will return equipment to Baton Rouge. EDI will bring smaller unit to complete Geoprobe activities at DSE-11 & DSE-14. Will also collect approximately 4 cores along area between pits & company canal to log & identify ~~start~~ size.

1400 Start Wright order 4oz, 1-L poly, 8oz & 40m vial along with 17 coolers & 200 ziplock bags from Danny Newman. Have not received sample containers (except 4oz). Call D. Newman for status.

1405 Start Wright called R. Sherrow to request he find lab in Baton Rouge to could provide 40m vial (w HCl) & 1-L poly (w HNO3)

1415 Start Sample Management Coordinator Mark Bancroft has asked for additional help prepping samples for shipment.

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1430 STARTS WRIGHT & HADWIN AT MOTEL TO ASSIST WITH SAMPLE SHIPMENT PREP.

1800 SAMPLE SHIPMENT PREP COMPLETED

1815 STARTS BAY & HOWARD TO FEDEX WITH ALL SAMPLES (21 COOLERS).

1830 START WRIGHT TO OFFICE DEPOT & WALMART FOR SAMPLES (2x4 LABELS), COOLERS & ZIPLOCK BAGS, WATER & GATORADE.

1930 MEET WITH E. BAY, & L. HOWARD TO PURCHASE COOLERS. BUY 27 COOLERS.

NOTE - E. HADWIN COMPLETED PROCESS SAMPLE DSE-05 SAMPLE (0'-2' & 2'-4'). SAMPLES WILL BE PLACE IN COOLER W/ICE & LOCKUP SECURING WITH SHIPMENT TOMORROW.

2010 BACK AT MOTEL TO OFF LOAD COOLERS.

2030 NOTE: HEWPARK REMOVED MAT ROAD PIECES & CONSOLIDATED ON SITE.

TO-0005-12-04-01 8/9/12

0700 STARTS JEFF WRIGHT, ERIC HADWIN, ERIC BAY, LARRY HOWARD & MARK BANNOFF TO REVIEW TODAY'S WORK ACTIVITIES: SCOPE OF WORK - COMPLETE GEOPROBE CORING ACTIVITIES, COLLECT CORES FOR BORE LOGGING, COLLECT WATER & SEDIMENT SAMPLES. SAMPLE MANAGEMENT TEAM WILL BE MARK BANNOFF, ERIC BAY & SARAH HITCHCOCK, WATER/SEDIMENT SAMPLING TEAM WILL BE LARRY HOWARD, MICHELLE BROWN & EPA BRENDA COCK. SAMPLE PREPARED & COLLECTION TEAM IS ERIC HADWIN & JEFF WRIGHT. PHYSICAL HAZARDS SLIP/TRIP/FALL, BOAT OPS, HEAT STRESS. ~~CHEMICAL HAZARDS~~ BTEX/NAPHTHALENE, LEAD, CHROME & XYLENE. NOTE: AIR MONITORING WITH MULTI-RAE HAS SHOWN NO READINGS ABOVE BACKGROUND TO DATE.

TO-0005-12-04-01 8/9/12

0700 cont' Morning HAS meeting

Attendees	Signature
Jeff Wright	
Erik Hadwin	
Larry Howard	
Eric Bay	
Mark Balhoff	
Michael Brown	

0715 Starts Wright & Hadwin to site for Geoprobe core sampling

0730 Starts Wright & Hadwin mark sample location DSE-11 & DSE-14. Also mark 5 locations (BL1-BL5) which will be used to log soil cores only (No sample collection).

0810 EDI Cory Schroeder & Assistant on site with tractor Geoprobe

0830 Review site activities and sample locations with EDI.

0850 EDI set up at DSE-11.

0925 Start Wright received call from E. Hadwin. Sample from DSE-11 is visually contaminated from ≈ 3 to 6.5 ft BGS

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0925 cont'd. Therefore, DSE-11 sample ~~sample~~ collection point will be moved further east towards Company Canal, since it is an extent of contamination sampled. It (DSE-11) will now be colocated with BL-3 location. The initial DSE-11 location (adjacent to Pit 2 Berm) will now be named BL-6 and a well log survey will be conducted.

1030 Start Wright has delivered samples DSE-11-12-515, DSE-11-24-515 to Santec Management Team at Motel.

1118 Start Hadwin collecting sample DSE-11-72-515 & DSE-11-96-515

1130 EDI set up Geoprobe at DSE-14

1145 E. Hadwin collecting samples DSE-14-12-515, DSE-14-24-515 & DSE-48-515

1220 M. Brown states that

8/9/12 TO-0005-12-04-01

1220 cont - Boat Ops Water & Sediment Sampling has been completed.

1230 Raw & Lunch in Distant. Geotrace work started - 90 at 1150.

1240 Geotrace resumes at DSE-21 which is collocated with BL-1 East of DSE-05.

1300 M. Brown picks up DSE-14 Rinsate (collected at 1235) along with DSE 11-48-515 DSE-11-72-515, DSE-11-96-515, DSE-14-12-515, DSE-14-24-515, DSE-14-48-515, DSE-14-72-515, DSE-14-96-515 to take back to Sample Management Team.

1310 Starts C. Hadwin & L. Howard collecting samples from DSE-21

1330 EPA Brenda Cook at Site CP area. Review core logging locations (BL-1 thru BL-5) Also look at core from BL-6 (Former DSE-11 Location)

TO-0005-12-04-01 8/9/12

1345 EPA Cook & Start Wright in field inspecting sample locations DSE-11 & DSE-21 as well as well bore logging locations BL-1 to BL-5.

1355 EPA Cook states that DSE-18 should be collected just West of weir in drainage ditch, would like photo doc of area prior to sampling. Due to the actual locations of DSE-14, DSE-11 & DSE-~~14~~ 21, HRS samples DSE-15, DSE-12 & DSE-19 will not be collected. Will use data from DSE-14, DSE-11 & DSE-21. E. Cook also states that she does not want DSE-09 sample (not required). In addition, DSE-17 should be collected with drainage pathway between DSE-16 & DSE-18

8/7/12 TO-0005-12-04-01

1410 STARTS J. WRIGHT, E. HADWIN LDEQ T. THIBODOUX & EPA COOK BREAK FOR LUNCH.

1445 EPA COOK DEPARTS FOR THE DAY. STARTS HADWIN & WRIGHT TO SITE TO MEET WITH EDI.

1500 EDI HAS COMPLETED COLLECTING BORE LOCKING CORES FROM BL1, BL2, BL-3, BL-4 & BL-5.

1520 EDI OFFSITE, WORK COMPLETE

1535 STARTS WRIGHT & HADWIN BACK TO MOTEL TO ASSIST WITH SAMPLE SHIPMENT PREP.

1700 START TEAM PREPARING SAMPLES FOR SHIPMENT. SEE SAMPLE COLLECTION LOG

TO-0005-12-04-01 8/10/12

0755 STARTS WRIGHT, TJALHOFF, HADWIN & BAY MEET AT MOTEL FOR SITE MEETING. WEATHER MOSTLY SUNNY 77° HIGH TODAY IN MID 90's. SCOPE OF WORK COLLECT SOIL/SEDIMENT SAMPLES FROM DSE-17 & DSE 18 & DSW-01 DSW-02 ; LOW CORE BORING BL-1 THRU BL-5 & DEMOB. PHYSICAL HAZARDS SLIP/TRIP/FALL HEAT STRESS. CHEMICAL HAZARDS PAHS/HYDROCARBONS, LEAD, XYLENE. NOTE TJALHOFF & BAY TO REMAIN AT MOTEL TO PACK & PREPARE FOR SAMPLE SHIPMENT. M. BROWN TO MEET WRIGHT & HADWIN & HOWARD AT SITE TO COLLECT SAMPLES.

ATTENDEES	SIGN
JEFF WRIGHT	
ERIK HADWIN	
LARRY HOWARD	
ERIK BAY	
MATT TJALHOFF	
MICHELLE BROWN	

8/10/12 TO-0005-12-04-01

0825 STARTS WRIGHT, HADWIN & HOWARD ARRIVE AT SITE.
M. BROWN ALREADY AT SITE.

0835 M. BROWN SHOWS L. HOWARD WHERE SAMPLE LOCATIONS DSW-01 & DSW-02 ARE LOCATED. STARTS WRIGHT, BROWN & HADWIN PREPARE TO COLLECT DSE-18 & DSE-17 -

0910 E. HADWIN COLLECTING DSE-18 FROM DRAINAGE PATHWAY JUST WEST OF METAL WEIR (NEAR PPE).

0920 E. HADWIN COLLECTING DSE-17 WEST OF DSE-18. THERE IS A SECOND WEIR ALONG THE DRAINAGE DITCH & DSE-17 IS COLLECTED ON THE WEST SIDE OF IT.

0945 STARTS HADWIN, BROWN & HOWARD PROCESSING SAMPLES. J. WRIGHT IS COLLECTING GPS COORDINATES FROM ALL POINTS

TO-0005-12-04-01 8/10/12

1030 START BROWN & TRANSPORTING SAMPLES (DSE-18, DSE-17, DSW-01 & DSW-02) TO HOTEL FOR SAMPLE MANAGEMENT PROCESSING.

1045 START HADWIN & LOGGING NOTES.

1100 START WRIGHT PACKING EQUIPMENT UP.

NOTE: LDEQ TODD THIBODEAUX HAS BEEN ON SITE SINCE 0930.

1200 STARTS WRIGHT & HOWARD TO HOTEL TO CHECK OUT.

1245 BACK AT SITE TO FINISH PACKING UP. LDEQ HAS DEPARTED SITE

1320 START BROWN DEPARTS FOR N.O. AIRPORT

1331 START TEAM DEPARTS SITE FOR BATON ROUGE, LA -

13000122

SAMPLE COLLECTION LOG

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DELTA SHIPYARD
PITS

TO-0005-12-04-01
W/O # 20406.012.005.0725.01

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CONTENTS

PAGE	REFERENCE	DATE
	- SAMPLES WERE SHIPPED TO THE FOLLOWING LABS:	
	MITKEM 175 METRO CENTER BLVD. WARWICK, RI 02886 401/732-3400 (ATTN: DAWNE SMITH)	
	CHEMTECH 284 SHEFFIELD ST. MOUNTAINSIDE, NJ 07092 908/789-8900 (ATTN: SNEHAL MEHTA)	
	USEPA REGION 6 10625 FALLSTONE RD. HOUSTON, TX 77099 (ATTN MYRA PACE)	

8/6/12 TO-0005-12-0401

STATION No.	DATE/TIME		FULL SCAN	COMMENTS
DSE-04-12-515	8/6/12	0955	Yes	Soil
DSE-04-24-515		0955	Yes	
DSE-04-48-515		0955	Yes	
DSE-04-72-515		1156	Yes	
DSE-04-96-515		1156	Yes	
DSE-07-12-515		1215		
DSE-07-24-515		1215		
DSE-07-48-515		1215		
DSE-07-72-515		1225		
DSE-07-96-515		1225		
DSE-10-12-515		1313		
DSE-10-24-515		1313		
DSE-10-48-515		1313		
DSE-10-72-515		1330		
DSE-10-96-515		1330	Yes	
DSE-07-96-~~445~~ 345		~~1155~~ 1048	VOAs	TRIP BLANK
DSE-10-96-335		1330	Yes	RINSATE
DSE-02-24-413		1640		Soil
DSE-02-48-413		1640		
DSE-02-72-413		1710		
DSE-02-96-413		1710		
DSE-02-120-413		1725		
DSE-02-144-413		1725	Yes	

NOTE - COC # 6-080612-171339-0007 (VOAs only) SHIPPED TO MITECH LAB ON 8/6/12; ALL OTHER ANALYSES SHIPPED ON 8/7/12: COC 6-080612-151202-0003-0004 & TO CHEMTECH; 6-080612-151202-0001, 0002, 0005-0010 TO MITECH

TO-0005-12-04-01 8/7/12

STATION No.	DATE/TIME		COMMENTS
DSE-13-12-515	8/7/12	0845	Soil
DSE-13-24-515		0845	
DSE-13-48-515		0845	
DSE-13-72-515		0900	~~MS/MSD~~
DSE-13-96-515		0900	~~MS/MSD~~
DSE-16-12-515		0945	
DSE-16-24-515		0945	
DSE-16-48-515		0945	
DSE-16-72-515		1005	
DSE-16-96-515		1005	
DSE-06-12-515		1040	
DSE-06-24-515		1040	
DSE-06-48-515		1040	
DSE-06-72-515		1105	
DSE-06-96-515		1105	
DSE-08-12-515		1128	
DSE-08-24-515		1128	
DSE-08-48-515		1128	
DSE-08-72-515		1150	~~MS/MSD~~
DSE-08-96-515		1150	
DSE-~~08~~ 06-96-335		1230	RINSATE
~~DSE-01-24-413~~			~~8/7/12~~
~~DSE-01-48-413~~			~~8/7/12~~
DSE-01-72-413			~~8/7/12~~

8/7/12 TO-0005-12-04-01

Station No	Date/Time	Comment
~~DSE-01-96-413~~ ⊗		~~TO~~
~~DSE-01-120-413~~ ⊗		~~TO~~
~~DSE-01-144-413~~ ⊗		~~TO~~
DSE-06-96-~~345~~ 335 ⊗	8/7/12 1430	Rinsate
DSE-16-96-345	8/7/12 1048	Trip Blank

NOTE- VOAs Samples were shipped via FedEx to MITKEM Lab in Warwick RI - COCs 6-080712-113951-0012 & 6-080712-133155-0016

— SVOA, Pest & ARO Fraction shipped to MITKEM Lab in Warwick RI via FedEx COCs 6-080712-110632-0010; 6-080712-113755-0011, 6-080712-113951-0013 & 6-080712-141427-0018 & 6-080712-133154-0015

— Metal Analysis Fraction shipped to Chem-Tech Lab in Mountain Side, NJ COCs 6-080712-121207-0014 & 6-080712-133159-0017

⊗ Note - FedEx Airbill No. Listed on COCs

TO-0005-12-04-01 8/8/12

Station No	Date/Time		Comment
DSE-20-12-515	8/8/12	0830	Soil
DSE-20-24-515		0830	
DSE-20-48-515		0830	MS/MSD
DSE-20-72-515		0856	
DSE-20-96-515		0856	
DSE-20-96-525		0856	Dup
DSE-05-12-515		0940	
DSE-05-24-515		0940	
DSE-05-48-515		0940	
DSE-05-~~48~~ 24 525		0940	~~Dup~~ ⊗ Split Dup
DSE-05-72-515		1100	
DSE-05-96-515		1100	
DSE-05-96-345		1200	Trip Blank ~~Rinsate~~ ⊗
DSE-03-24-413		1815	Pit Waste
DSE-03-48-413		1815	Pit Waste
DSE-01-24-413		1524	Pit Waste
DSE-01-48-413		1524	Pit Waste
DSE-01-72-413		1547	Pit Waste
DSE-01-96-413		1547	Pit Waste
DSE-01-120-413		1605	Pit Waste
DSE-01-144-413		1605	Pit Waste

Waste Samples shipped to EPA Reg. 6 Lab via FedEx COCs 6-080812-080945-0019, 6-080812-081005-0020; ~~6-080812-105140-0021~~ ⊗

13000126

8/8/12 TO-0005-12-04-01

- SVOAs, PEST./ARO SHIPPED TO MITKEM LAB VIA FEDEX COC# 6-080812-105140-0021, ~~0022~~ & 6-080812-123328-0022
- VOAs SHIPPED TO MITKEM LAB VIA FEDEX COC# 6-080812-124818-0023
- METALS SHIPPED TO CHEMTECH LAB VIA FEDEX COC# 6-080812-125833-0024 & 6-080812-141612-0025

NOTE- FED EX AIRBILL NOS. LISTED ON COCs.

HRS ASSESSMENT SAMPLES 8/8/12

STATION NO.	DATE/TIME	MATRIX	COMMENT
HAC-05-00-112	8/8/12 0830	W	
DC-01-00-111	0930	W	
HAC-04-00-112	1000	W	
HAC-03-00-112	1030	W	
HAC-02-00-112	1100	W	
HAC-01-00-112	1130	W	
DSE-20-96-435	1200	W	RINSATE
BLC-04-00-112	1505	W	
HAC-05-03-612	0850	SED.	
DC-01-03-611	0940	SED.	
HAC-04-03-612	1010		
HAC-03-03-612	1040		
HAC-02-03-611	1110		
HAC-01-03-611	1145		
BLC-04-03-612	1515		
HAC-01-00-515	1500	SED. TRIP BLANK	
HAC-05-03-612	0850		
HAC-04-03-612	1010		
HAC-03-03-612	1040	SED.	

NOTE- WATER SAMPLES WERE SUBMITTED TO MITKEM LAB VIA FEDEX UNDER 9 COCs 6-080812-164107-0032

8/8/12 HRS Assessment Cont

6-080812-154825-0028, 6-080812-154825-0027, 6-080812-154526-0026, 6-080812-163329-0030, 6-080812-163104-0029 6-080812-164324-0033, 6-080812-165507-0035 + 6-080812-163534-0031

- Sediment Samples were shipped via Fed Ex to Mitkem Lab COCs 6-080812-164704-0034; 6-080812-171103-0036; 6-080812-171439-0037 + 6-080812-172115-0038 + 6-080812-172158-0039.

Note- Fed Ex Airbill Nos Listed on COCs.

TO-0005-12-04-01 8/9/12

Reassessment Samples

Station No.	Date	Time	Comment
DSE-11-12-515	8/9/12	10:15	All Soil Samples
DSE-11-24-515		10:15	
DSE-11-48-515		10:15	
DSE-11-72-515		1118	
DSE-11-96-515		1118	
DSE-14-12-515		1145	
DSE-14-24-515		1145	
DSE-14-48-515		1145	Dup (-525)
DSE-14-72-515		1240	
DSE-14-96-515		1240	Trip Blank (-435)
DSE-21-12-515		1305	
DSE-21-24-515		1305	
DSE-~~24~~ 21-48-515		1305	
DSE-21-72-515		1330	
DSE-21-96-515		1330	
DSE-21-96-432		1098	(Trip Blank)
DSE-14-96-445	8/9/12	1235	Rinsate Blank

- VOA Fraction shipped to Mitkem Lab via Fed Ex COCs 6-080912-161411-0058 + 6-080912-161411-0059

- SVOA Fraction shipped to Mitkem Lab via Fed Ex COCs 6-080912-131553-0051; 6-080912-132428-0053; 6-080912-141551-0054

8/9/12 TO-0005-12-04-01

Reassessment Samples Cont

-6-080912-154108-0056 & 6-080912-154441-0057

Metals were shipped to Chem Tech Lab via Fed Ex. COCs 6-080912-132305-0052 & 6-080912-165221-0060

HRS Sample Collection Log

Station No.	Date/Time	Comments
MPC-01-00-111	8/9/12 0815	Water
BLC-03-00-112	0835	
BLC-02-00-111	0910	
BLC-01-00-111	0930	
CC-04-00-112	0955	
CC-04-00-122	1005	
CC-01-00-111	1110	
CC-02-00-112	1050	
CC-03-00-112	1030	Water
CC-01-00-441	8/9/12 1400	Trip Blank

VOA Fraction shipped via Fed Ex to Mitkem Lab COCs 6-080912-143042-0055

SVOA Fraction shipped to Mitkem Lab COCs 6-080912-073767-0040, 6-080912-101823-0043, 6-080912-115337-0044

8/9/12

HRS Sample Log Cont

SVOA COCs 6-080912-121032-0045, 6-080912-125240-0046, 6-080912-125823-0047, 6-080912-131309-0050 6-080912-130558-0049 & 6-080912-130234-0048

Metal Fraction shipped via Fed Ex to EPA Region 6 Lab. COCs 6-080912-170108-0061 & 6-080912-170443-0062.

HRS Sediment Samples

Station No.	Date/Time	Comment
MPC-01-03-611	8/9/12 0830	Sediment
BLC-03-03-612	0840	
BLC-02-03-611	0915	
BLC-01-03-611	0940	
CC-04-03-612	1000	
CC-04-03-622	1010	Dup.
CC-03-03-612	1035	
CC-02-03-612	1100	
CC-01-03-611	1115	Sediment
CC-04-03-442	8/9/12 1300	Trip Blank

VOA Fraction shipped via Fed Ex to Mitkem Lab. COC# 6-080912-091521-0042.

8/9/12 HRS SAMPLES

SVOA FRACTION SHIPPED TO MITKEM LAB COCs 6-080912-131553-0051 & 6-080912-132428-0053

METAL FRACTION - SHIPPED TO EPA REGION 6 LAB VIA FED EX. COCs 6-080912-170443-0062 & 6-080912-090801-0041

NOTE - FED EX AIRBILL NOs LISTED ON COCs.

TO-0005-12-04-01

REASSESSMENT SAMPLES 8/10/12

STATION NO.	DATE/TIME	COMMENTS
DSW-01-01-513	8/10/12 0905	Soil
DSW-01-01-523	0910	DUP
DSE-18-01-514	0915	
DSE-17-01-514	0925	
DSW-02-01-513	8/10/12 0925	
DSW-01-01-454	8/10/12 1015	WATER FIELD BLANK
DSE-17-01-444	8/10/12 1100	TRIP BLANK

VOA FRACTION - SHIPPED VIA FED EX TO MITKEM LAB COC 6-081012-095444-0064

SVOA FRACTION - SHIPPED TO MITKEM LAB VIA FED EX COC "6-081012-095439-0063

METALS FRACTION - SHIPPED TO CHEM-TECH LAB VIA FED EX. COC# 6-081012-095716-0068

NOTE - FED EX AIRBILL NOs LISTED ON COCs.

ATTACHMENT E

REGION 6 LABORATORY FINAL ANALYTICAL REPORT

FOR DELTA SHIPYARD

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 6 Laboratory
Environmental Services Branch
10625 Fallstone Road, Houston, TX 77099
Phone: (281)983-2100 Fax: (281)983-2248

Final Analytical Report

Site Name ----------Delta Shipyard

Sample Collection Date(s)-- 08/06/12 - 08/09/12

Contact---------- Brenda Cook (6SF-RA)

Report Date---------- 09/24/12

Project #---------- 12SF149

Work Order(s)---------- 1208003
1208005
1208006
1208007

Analyses included in this report:

ABN CLP Routine List	Metals ESAT Mercury CLP
Metals ICP CLP	Metals ICP/MS CLP
P/P CLP Routine List	Solids, Dry Weight
VOA CLP Routine List	

Report Narrative

Volatiles:

Solids:

Due to inconsistent concentrations between analyses, the following compounds are qualified as estimated:

1208003-01 - m/p-Xylene
1208003-03 - All reported targets except Acetone
1208003-06 - Acetone

Dichlorodifluoromethane (DCDFM) fails significantly low in BS1. DCDFM and Chloroethane fail significantly low in BS2. The reporting limits (RLs) were raised in the associated samples to ensure non-detects are accurate. Absence or presence at the lower RL could not be verified. Cyclohexane and Methylcyclohexane fail high in BS1. These targets are qualified as estimated in the associated samples due to failures.

Report Narrative (cont'd)

Liquid:

Two analytes fail low in the BS but were not found in the sample.

Semi-volatiles:

There were significant matrix interferences due to a large amount of unresolved hydrocarbons present in each sample. Most analytes have qualifications.

The following samples have one or more surrogates out of QC limits; associated targets are reported from dilutions where the surrogate is acceptable or the associated results are qualified as estimated:

1208003-01 Nitrobenzene-d5 and 2,4,6-Tribromophenol fail high
1208003-03 Terphenyl-d14 fails low
1208003-04, 1208005-06, 1208005-07 and 1208006-06 Nitrobenzene-d5 fails high
1208005-03 and 1208005-05 2-Fluorobiphenyl fails high
1208005-08 Nitrobenzene-d5 and 2-Fluorobiphenyl fail high

Acenaphthene is reported as a non-detect for several samples with the RL from the dilution. This compound could not be identified in the x1 but appears to be present below the quantitation limit in the dilution (would be greater than x1 reporting limit).

The following samples have compounds reported as estimated because the associated ISTDs are outside QC limits: 1208003-01, 1208003-03, 1208003-06, 1208005-06, 1208005-07, 1208005-08.

Three analytes are qualified as estimated in sample 1208005-04 due to inconsistent concentrations found between source, MS and MSD.

Anthracene is qualified as estimated in sample 1208003-03 because it is not resolved from Phenanathrene and could not be reported from the dilution.

Dibenzofuran is qualified as estimated with a tentative identification in sample 1208005-05 due matrix interferences and failing surrogate.

2-Methylnaphthalene is qualified as estimated in sample 1208005-05 due to inconsistent concentrations found between analyses.

The dilution was used for reporting sample 1208003-05. The x1 was not usuable due to multiple QC failures and chromatography problems.

Pesticde/PCB:

Due to significant matrix interferences, some pesticide analyses had to be reported using the dilution. The x1 was not usable due to analyte suppression and retention time shifting. Interferences at the expected retention time of the target required that many RLs be raised to ensure that non-detects are accurate. Absence or presence at the lower RL could not be verified. RLs were also taken from analyses of additional cleanups where possible to achieve the lowest

possible RL.

Most Aroclors that are reported are qualified as estimated or estimated with a tentative identification due to matrix interferences. The estimations are due to inconsistent peak concentrations. The tentative identifications are due to retention time shifting that made pattern matching very difficult. Many RLs were raised due to interferences.

The surrogate TCMX fails low in samples 1208003-02 and 1208003-03 due to losses during the concentration step. The more volatile targets were not found at >1/3 the reporting limit. The surrogate DCB fails high in sample 1208003-05. There were no targets reported in the sample. This surrogate also fails high in 1208005-07. Aroclor 1016 is already qualified as estimated is this sample.

B2H0901-BLK1/BS1/MS1/MSD1: TCMX fails low. Two analytes fail low in BS1. One analyte fails low in MSD1. None were found in the associated samples.

ICP-MS:

Batch: B2H2205:

MS1/MSD1: Antimony and thallium recoveries are outside acceptance limits; the corresponding results are qualified as estimated.

Lead sample results exceed the spike added concentration by a factor of four and cannot be reliably calculated.

MS2/MSD2: Antimony recovery is outside acceptance limits; the corresponding result is qualified as estimated. The sample result for lead exceeds the spike added concentration by a factor of four or more and cannot be reliably calculated.

MS3/MSD3: Antimony recovery is outside the acceptance limits; the corresponding result is qualified as estimated. The RPD for arsenic exceeds the acceptance limit of 20%, likely due to non-homogeneous sample matrix.

Mercury:

Batch: B2H2206:

MS1/MSD1: The sample result for mercury exceeds the spike added concentration by a factor of four or more and cannot be reliably calculated.

MS2/MSD2:The RPD for mercury exceeds the acceptance limit of 20%, likely due to non-homogeneous sample matrix.

ICP:

Batch: B2H2002:

MS1/MSD1/MS2/MSD2: Aluminum recovery is outside the acceptance limits; the corresponding

Report Narrative (cont'd)

results are qualified as estimated.

Batch: B2H2004:

MS1/MSD1: Silver, calcium, and barium recoveries are outside the acceptance limits; the results are qualified and are estimated. Aluminum, chromium, iron, manganese, and zinc sample results exceed the spike added concentrations by a factor of four or more and cannot be reliably calculated.

MS2/MSD2: Chromium, manganese, and zinc recoveries are outside the acceptance limits; the corresponding results are qualified as estimated. Aluminum, barium, and iron sample results exceed the spike added concentrations by a factor of four or more and cannot be reliably calculated.

The RPD for chromium exceeds the acceptance limit of 20%, likely due to non-homogeneous sample matrix.

MS3/MSD3: Silver recovery is outside the acceptance limits; the corresponding result is qualified as estimated.

Aluminum, iron, and manganese sample concentrations exceed the spike concentrations added by a factor of four or more and cannot be reliably calculated.

SRM1: Silver recovery in this control sample is higher than the acceptance limits; the samples with reportable concentrations are qualified and may be biased high.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin Region 6 Laboratory Manager	David Neleigh Region 6 Laboratory Branch Chief

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road
Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Delta Shipyard Project Number: 12SF149

Data Management Coordinator: Christy Warren

/ /

Data Management Coordinator Signature Date

Date Transmitted: _____/_____/_____

Please have the U.S. EPA Project Manager/Officer call the Data Management Coordinator at 3-2137 for any comments or questions.

Please sign and date this form below and return it with any comments to:

Christy Warren
Data Management Coordinator
Region 6 Laboratory
6MD-HS

_____/_____/_____

Received by and Date

Comments:

The laboratory routinely disposes of samples 90 days after all analyses have been completed. If you have a need to hold these samples in custody longer than 90 days, please sign below.

_____ _____

Signature Date

Please provide a reason for holding:

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
DSE-02-120-413	1208003-01	Solid	8/6/12 17:25	08/08/12 08:50
DSE-02-144-413	1208003-02	Solid	8/6/12 17:25	08/08/12 08:50
DSE-02-24-413	1208003-03	Solid	8/6/12 16:40	08/08/12 08:50
DSE-02-48-413	1208003-04	Solid	8/6/12 16:40	08/08/12 08:50
DSE-02-72-413	1208003-05	Solid	8/6/12 17:10	08/08/12 08:50
DSE-02-96-413	1208003-06	Solid	8/6/12 17:10	08/08/12 08:50
DC-01-00-111	1208005-01	Liquid	8/8/12 9:30	08/09/12 09:15
DC-01-03-611	1208005-02	Solid	8/8/12 9:40	08/09/12 09:15
DSE-01-120-413	1208005-03	Solid	8/8/12 16:05	08/09/12 09:15
DSE-01-144-413	1208005-04	Solid	8/8/12 16:05	08/09/12 09:15
DSE-01-24-413	1208005-05	Solid	8/8/12 15:24	08/09/12 09:15
DSE-01-48-413	1208005-06	Solid	8/8/12 15:24	08/09/12 09:15
DSE-01-72-413	1208005-07	Solid	8/8/12 15:47	08/09/12 09:15
DSE-01-96-413	1208005-08	Solid	8/8/12 15:47	08/09/12 09:15
HNC-01-00-112	1208005-09	Liquid	8/8/12 11:30	08/09/12 09:15
HNC-02-00-112	1208005-10	Liquid	8/8/12 11:00	08/09/12 09:15
HNC-03-00-112	1208005-11	Liquid	8/8/12 10:30	08/09/12 09:15
HNC-03-03-612	1208005-12	Solid	8/8/12 10:40	08/09/12 09:15
HNC-04-00-112	1208005-13	Liquid	8/8/12 10:00	08/09/12 09:15
HNC-04-03-612	1208005-14	Solid	8/8/12 10:10	08/09/12 09:15
BLC-04-00-112	1208005-15	Liquid	8/8/12 15:05	08/09/12 09:15
BLC-04-03-612	1208005-16	Solid	8/8/12 15:15	08/09/12 09:15
HNC-01-03-611	1208005-17	Solid	8/8/12 11:45	08/09/12 09:15
HNC-02-03-611	1208005-18	Solid	8/8/12 11:10	08/09/12 09:15
HNC-05-00-112	1208005-19	Liquid	8/8/12 8:30	08/09/12 09:15
HNC-05-03-612	1208005-20	Solid	8/8/12 8:50	08/09/12 09:15
BLC-01-03-611	1208006-01	Solid	8/9/12 9:40	08/10/12 08:40
BLC-02-03-611	1208006-02	Solid	8/9/12 9:15	08/10/12 08:40
BLC-03-03-612	1208006-03	Solid	8/9/12 8:40	08/10/12 08:40
DSE-03-24-413	1208006-04	Solid	8/9/12 18:15	08/10/12 08:40
DSE-03-24-445	1208006-05	Liquid	8/9/12 14:30	08/10/12 08:40
DSE-03-48-413	1208006-06	Solid	8/9/12 18:15	08/10/12 08:40
MPC-01-03-611	1208006-07	Solid	8/9/12 8:30	08/10/12 08:40
BLC-02-00-111	1208006-08	Liquid	8/9/12 9:10	08/10/12 08:40
BLC-01-00-111	1208006-09	Liquid	8/9/12 9:30	08/10/12 08:40

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
CC-04-00-112	1208006-10	Liquid	8/9/12 9:55	08/10/12 08:40
CC-04-00-122	1208006-11	Liquid	8/9/12 10:05	08/10/12 08:40
CC-01-00-111	1208006-12	Liquid	8/9/12 11:10	08/10/12 08:40
CC-02-00-112	1208006-13	Liquid	8/9/12 10:50	08/10/12 08:40
CC-03-00-112	1208006-14	Liquid	8/9/12 10:30	08/10/12 08:40
MPC-01-00-111	1208007-01	Liquid	8/9/12 8:15	08/10/12 10:30
BLC-03-00-112	1208007-02	Liquid	8/9/12 8:35	08/10/12 10:30
CC-04-03-612	1208007-03	Solid	8/9/12 10:00	08/10/12 10:30
CC-04-03-622	1208007-04	Solid	8/9/12 10:10	08/10/12 10:30
CC-03-03-612	1208007-05	Solid	8/9/12 10:35	08/10/12 10:30
CC-02-03-612	1208007-06	Solid	8/9/12 11:00	08/10/12 10:30
CC-01-03-611	1208007-07	Solid	8/9/12 11:15	08/10/12 10:30

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-01 **Station ID: DSE-02-120-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.003g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	48.3		96.6	82-120	08/09/12	08/09/12
Surr: Toluene-d8	47.1		94.2	81-116	"	"
Surr: 4-Bromofluorobenzene	53.0		106	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	750	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		99.9	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		99.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		99.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		99.9	"	"	"
Carbon disulfide (75-15-0)	U		99.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		99.9	"	"	"
Acetone (67-64-1)	U		500	"	"	"
Methylene chloride (75-09-2)	U		99.9	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		99.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		99.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		99.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		99.9	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		99.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		99.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		99.9	"	"	"
Cyclohexane (110-82-7)	**250**	**J**	99.9	"	"	"
Carbon tetrachloride (56-23-5)	U		99.9	"	"	"
Benzene (71-43-2)	U		99.9	"	"	"
Trichloroethene (79-01-6)	U		99.9	"	"	"
Methylcyclohexane (108-87-2)	**1,100**	**J**	99.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		99.9	"	"	"
Bromodichloromethane (75-27-4)	U		99.9	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-01 **Station ID: DSE-02-120-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.003g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
cis-1,3-Dichloropropene (10061-01-5)	U		99.9	50	08/09/12	08/09/12
trans-1,3-Dichloropropene (10061-02-6)	U		99.9	"	"	"
1,1,2-Trichloroethane (79-00-5)	U		99.9	"	"	"
Dibromochloromethane (124-48-1)	U		99.9	"	"	"
Bromoform (75-25-2)	U		99.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**445**		99.9	"	"	"
Tetrachloroethene (127-18-4)	U		99.9	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		99.9	"	"	"
Chlorobenzene (108-90-7)	U		99.9	"	"	"
Ethylbenzene (100-41-4)	**677**		99.9	"	"	"
meta-/para-Xylene (na)	**2,920**	**J**	200	"	"	"
ortho-Xylene (95-47-6)	**1,470**		99.9	"	"	"
Styrene (100-42-5)	U		99.9	"	"	"
Isopropylbenzene (98-82-8)	**354**		99.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		99.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		99.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		99.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		99.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-01 **Station ID: DSE-02-120-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 5.269g
%Solids: 53.19

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	18,000		67.3	38-101	08/09/12	08/13/12
Surr: Phenol-d5	20,400		76.1	42-105	"	"
Surr: 2-Chlorophenol-d4	17,400		65.1	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	11,200		62.7	37-100	"	"
Surr: Nitrobenzene-d5	24,000		134 #	42-108	"	"
Surr: 2-Fluorobiphenyl	17,300		97.0	51-103	"	"
Surr: 2,4,6-Tribromophenol	31,500		118 #	55-115	"	"
Surr: Terphenyl-d14	10,200		57.4	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		7,140	10	08/09/12	08/13/12
Acenaphthylene (208-96-8)	U		714	1	"	08/13/12
Acetophenone (98-86-2)	U		1,780	"	"	"
Anthracene (120-12-7)	**937**	**J**	714	"	"	"
Atrazine (1912-24-9)	U		1,780	"	"	"
Benzaldehyde (100-52-7)	U		1,780	"	"	"
Benzoic acid (65-85-0)	U		3,570	"	"	"
Benzo (a) anthracene (56-55-3)	U		1,780	"	"	"
Benzo (a) pyrene (50-32-8)	U		1,780	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		1,780	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		1,780	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		1,780	"	"	"
Benzyl alcohol (100-51-6)	U		1,780	"	"	"
1,1'-Biphenyl (92-52-4)	**16,300**		1,780	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		1,780	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		1,780	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		1,780	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		1,780	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		1,780	"	"	"
Butyl benzyl phthalate (85-68-7)	U		1,780	"	"	"
Carbazole (86-74-8)	U		1,780	"	"	"
Caprolactam (105-60-2)	U		1,780	"	"	"
4-Chloroaniline (106-47-8)	U		1,780	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-01 **Station ID: DSE-02-120-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 5.269g
%Solids: 53.19

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		1,780	1	08/09/12	08/13/12
2-Chlorophenol (95-57-8)	U		1,780	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		1,780	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		1,780	"	"	"
Chrysene (218-01-9)	U		1,780	"	"	"
Dibenzofuran (132-64-9)	**10,200**		1,780	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		1,780	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		1,780	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		1,780	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		1,780	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		1,780	"	"	"
2,4-Dichlorophenol (120-83-2)	U		1,780	"	"	"
Diethyl phthalate (84-66-2)	U		1,780	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1,780	"	"	"
Dimethyl phthalate (131-11-3)	U		1,780	"	"	"
2,4-Dinitrophenol (51-28-5)	U		7,140	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1,780	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1,780	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		7,140	"	"	"
Di-n-butyl phthalate (84-74-2)	U		1,780	"	"	"
Di-n-octyl phthalate (117-84-0)	U		1,780	"	"	"
Fluoranthene (206-44-0)	**964**	**J**	714	"	"	"
Fluorene (86-73-7)	**17,200**		714	"	"	"
Hexachlorobenzene (118-74-1)	U		1,780	"	"	"
Hexachlorobutadiene (87-68-3)	U		1,780	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		1,780	"	"	"
Hexachloroethane (67-72-1)	U		1,780	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		1,780	"	"	"
Isophorone (78-59-1)	U		1,780	"	"	"
2-Methylnaphthalene (91-57-6)	**165,000**	**J**	7,140	10	"	08/13/12
2-Methylphenol (95-48-7)	U		1,780	1	"	08/13/12
3 &/or 4-Methylphenol (106-44-5)	U		1,780	"	"	"
Naphthalene (91-20-3)	**46,800**	**J**	7,140	10	"	08/13/12
2-Nitroaniline (88-74-4)	U		2,850	1	"	08/13/12
3-Nitroaniline (99-09-2)	U		2,850	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-01 **Station ID: DSE-02-120-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 5.269g
%Solids: 53.19

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		2,850	1	08/09/12	08/13/12
Nitrobenzene (98-95-3)	U		1,780	"	"	"
2-Nitrophenol (88-75-5)	U		1,780	"	"	"
4-Nitrophenol (100-02-7)	U		4,640	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		1,780	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		1,780	"	"	"
Pentachlorophenol (87-86-5)	U		1,780	"	"	"
Phenanthrene (85-01-8)	**26,900**	**J**	714	"	"	"
Phenol (108-95-2)	U		1,780	"	"	"
Pyrene (129-00-0)	**909**		714	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		1,780	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		1,780	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		1,780	"	"	"

BJS

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208003-01 **Station ID: DSE-02-120-413**

Batch: B2H0901
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 10.074g
%Solids: 53.19

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	26.0		55.7	41-112	08/09/12	08/17/12
Surr: Decachlorobiphenyl	51.4		110	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		9.33	5	08/09/12	08/17/12
alpha-BHC (319-84-6)	U		9.33	"	"	"
beta-BHC (319-85-7)	U		9.33	"	"	"
delta-BHC (319-86-8)	U		9.33	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		9.33	"	"	"
4,4´-DDD (72-54-8)	U		9.33	"	"	"
4,4´-DDE (72-55-9)	U		9.33	"	"	"
4,4´-DDT (50-29-3)	U		9.33	"	"	"
Dieldrin (60-57-1)	U		9.33	"	"	"
Endosulfan I (959-98-8)	U		9.33	"	"	"
Endosulfan II (33213-65-9)	U		9.33	"	"	"
Endosulfan sulfate (1031-07-8)	U		9.33	"	"	"
Endrin (72-20-8)	U		9.33	"	"	"
Endrin aldehyde (7421-93-4)	U		9.33	"	"	"
Endrin ketone (53494-70-5)	U		9.33	"	"	"
Heptachlor (76-44-8)	U		9.33	"	"	"
Heptachlor epoxide (1024-57-3)	U		9.33	"	"	"
Methoxychlor (72-43-5)	U		9.33	"	"	"
alpha-Chlordane (5103-71-9)	U		9.33	"	"	"
gamma-Chlordane (5103-74-2)	U		9.33	"	"	"
Toxaphene (8001-35-2)	U		280	"	"	"
Aroclor-1016 (12674-11-2)	U		37.3	1	"	08/22/12
Aroclor-1221 (11104-28-2)	U		74.7	"	"	"
Aroclor-1232 (11141-16-5)	U		37.3	"	"	"
Aroclor-1242 (53469-21-9)	U		37.3	"	"	"
Aroclor-1248 (12672-29-6)	U		37.3	"	"	"
Aroclor-1254 (11097-69-1)	**50.3**	**NJ**	37.3	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U		37.3	"	"	08/22/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208003-01 **Station ID: DSE-02-120-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.514g
%Solids: 53.19

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**7,960**		18.3	1	08/22/12	08/31/12
Barium (7440-39-3)	**1,620**		1.8	"	"	"
Beryllium (7440-41-7)	**0.9**		0.9	"	"	"
Cadmium (7440-43-9)	**1.7**		0.9	"	"	"
Calcium (7440-70-2)	**9,180**		27.4	"	"	"
Chromium (7440-47-3)	**27.1**		1.8	"	"	"
Cobalt (7440-48-4)	**7.8**		3.7	"	"	"
Copper (7440-50-8)	**31.0**		3.7	"	"	"
Iron (7439-89-6)	**13,200**		4.6	"	"	"
Magnesium (7439-95-4)	**4,590**		27.4	"	"	"
Manganese (7439-96-5)	**379**		0.9	"	"	"
Nickel (7440-02-2)	**17.5**		3.7	"	"	"
Potassium (7440-09-7)	**1,510**		183	"	"	"
Silver (7440-22-4)	U		1.8	"	"	"
Sodium (7440-23-5)	**2,550**		91.4	"	"	"
Vanadium (7440-62-2)	**24.9**		3.7	"	"	"
Zinc (7440-66-6)	**351**		3.7	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208003-01 **Station ID: DSE-02-120-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.514g
%Solids: 53.19

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		1.8	20	"	09/04/12
Arsenic (7440-38-2)	**43.1**		1.8	"	"	"
Lead (7439-92-1)	**222**		1.8	"	"	"
Selenium (7782-49-2)	U		1.8	"	"	"
Thallium (7440-28-0)	U		1.8	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208003-01 **Station ID: DSE-02-120-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.124g
%Solids: 53.19

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.655**		0.121	1	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-02 **Station ID: DSE-02-144-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.001g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	46.6		93.1	82-120	08/09/12	08/09/12
Surr: Toluene-d8	46.6		93.3	81-116	"	"
Surr: 4-Bromofluorobenzene	49.7		99.4	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	750	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		100	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		100	"	"	"
Trichlorofluoromethane (75-69-4)	U		100	"	"	"
1,1-Dichloroethene (75-35-4)	U		100	"	"	"
Carbon disulfide (75-15-0)	U		100	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		100	"	"	"
Acetone (67-64-1)	U		500	"	"	"
Methylene chloride (75-09-2)	U		100	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		100	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		100	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		100	"	"	"
1,1-Dichloroethane (75-34-3)	U		100	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		100	"	"	"
1,2-Dichloroethane (107-06-2)	U		100	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		100	"	"	"
Cyclohexane (110-82-7)	U		100	"	"	"
Carbon tetrachloride (56-23-5)	U		100	"	"	"
Benzene (71-43-2)	U		100	"	"	"
Trichloroethene (79-01-6)	U		100	"	"	"
Methylcyclohexane (108-87-2)	U		100	"	"	"
1,2-Dichloropropane (78-87-5)	U		100	"	"	"
Bromodichloromethane (75-27-4)	U		100	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		100	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-02 **Station ID: DSE-02-144-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.001g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		100	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		100	"	"	"
Dibromochloromethane (124-48-1)	U		100	"	"	"
Bromoform (75-25-2)	U		100	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	U		100	"	"	"
Tetrachloroethene (127-18-4)	U		100	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		100	"	"	"
Chlorobenzene (108-90-7)	U		100	"	"	"
Ethylbenzene (100-41-4)	U		100	"	"	"
meta-/para-Xylene (na)	U		200	"	"	"
ortho-Xylene (95-47-6)	U		100	"	"	"
Styrene (100-42-5)	U		100	"	"	"
Isopropylbenzene (98-82-8)	U		100	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		100	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		100	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		100	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		100	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

kws

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-02 **Station ID: DSE-02-144-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 10.2g
%Solids: 57.03

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	8,910		69.1	38-101	08/09/12	08/13/12
Surr: Phenol-d5	9,670		75.0	42-105	"	"
Surr: 2-Chlorophenol-d4	8,840		68.5	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	5,690		66.2	37-100	"	"
Surr: Nitrobenzene-d5	6,390		74.3	42-108	"	"
Surr: 2-Fluorobiphenyl	7,130		82.9	51-103	"	"
Surr: 2,4,6-Tribromophenol	12,100		93.8	55-115	"	"
Surr: Terphenyl-d14	6,060		70.5	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		344	1	08/09/12	08/13/12
Acenaphthylene (208-96-8)	U		344	"	"	"
Acetophenone (98-86-2)	U		860	"	"	"
Anthracene (120-12-7)	U		344	"	"	"
Atrazine (1912-24-9)	U		860	"	"	"
Benzaldehyde (100-52-7)	U		860	"	"	"
Benzoic acid (65-85-0)	U		1,720	"	"	"
Benzo (a) anthracene (56-55-3)	U		860	"	"	"
Benzo (a) pyrene (50-32-8)	U		860	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		860	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		860	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		860	"	"	"
Benzyl alcohol (100-51-6)	U		860	"	"	"
1,1'-Biphenyl (92-52-4)	U		860	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		860	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		860	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		860	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		860	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		860	"	"	"
Butyl benzyl phthalate (85-68-7)	U		860	"	"	"
Carbazole (86-74-8)	U		860	"	"	"
Caprolactam (105-60-2)	U		860	"	"	"
4-Chloroaniline (106-47-8)	U		860	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-02 **Station ID: DSE-02-144-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 10.2g
%Solids: 57.03

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		860	1	08/09/12	08/13/12
2-Chlorophenol (95-57-8)	U		860	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		860	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		860	"	"	"
Chrysene (218-01-9)	U		860	"	"	"
Dibenzofuran (132-64-9)	U		860	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		860	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		860	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		860	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		860	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		860	"	"	"
2,4-Dichlorophenol (120-83-2)	U		860	"	"	"
Diethyl phthalate (84-66-2)	U		860	"	"	"
2,4-Dimethylphenol (105-67-9)	U		860	"	"	"
Dimethyl phthalate (131-11-3)	U		860	"	"	"
2,4-Dinitrophenol (51-28-5)	U		3,440	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		860	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		860	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		3,440	"	"	"
Di-n-butyl phthalate (84-74-2)	U		860	"	"	"
Di-n-octyl phthalate (117-84-0)	U		860	"	"	"
Fluoranthene (206-44-0)	U		344	"	"	"
Fluorene (86-73-7)	U		344	"	"	"
Hexachlorobenzene (118-74-1)	U		860	"	"	"
Hexachlorobutadiene (87-68-3)	U		860	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		860	"	"	"
Hexachloroethane (67-72-1)	U		860	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		860	"	"	"
Isophorone (78-59-1)	U		860	"	"	"
2-Methylnaphthalene (91-57-6)	**1,390**		344	"	"	"
2-Methylphenol (95-48-7)	U		860	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		860	"	"	"
Naphthalene (91-20-3)	U		344	"	"	"
2-Nitroaniline (88-74-4)	U		1,380	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-02 **Station ID: DSE-02-144-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 10.2g
%Solids: 57.03

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
3-Nitroaniline (99-09-2)	U		1,380	1	08/09/12	08/13/12
4-Nitroaniline (100-01-6)	U		1,380	"	"	"
Nitrobenzene (98-95-3)	U		860	"	"	"
2-Nitrophenol (88-75-5)	U		860	"	"	"
4-Nitrophenol (100-02-7)	U		2,230	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		860	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		860	"	"	"
Pentachlorophenol (87-86-5)	U		860	"	"	"
Phenanthrene (85-01-8)	**642**		344	"	"	"
Phenol (108-95-2)	U		860	"	"	"
Pyrene (129-00-0)	U		344	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		860	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		860	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		860	"	"	"

BJS

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208003-02 **Station ID: DSE-02-144-413**

Batch: B2H0901
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 10.043g
%Solids: 57.03

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	13.3		30.6 #	41-112	08/09/12	08/16/12
Surr: Decachlorobiphenyl	32.8		75.2	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		1.75	1	08/09/12	08/16/12
alpha-BHC (319-84-6)	U		1.75	"	"	"
beta-BHC (319-85-7)	U		1.75	"	"	"
delta-BHC (319-86-8)	U		1.75	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		1.75	"	"	"
4,4´-DDD (72-54-8)	U		1.75	"	"	"
4,4´-DDE (72-55-9)	U		1.75	"	"	"
4,4´-DDT (50-29-3)	U		1.75	"	"	"
Dieldrin (60-57-1)	U		1.75	"	"	"
Endosulfan I (959-98-8)	U		1.75	"	"	"
Endosulfan II (33213-65-9)	U		1.75	"	"	"
Endosulfan sulfate (1031-07-8)	U		1.75	"	"	"
Endrin (72-20-8)	U		1.75	"	"	"
Endrin aldehyde (7421-93-4)	U		1.75	"	"	"
Endrin ketone (53494-70-5)	U		1.75	"	"	"
Heptachlor (76-44-8)	U		1.75	"	"	"
Heptachlor epoxide (1024-57-3)	U		1.75	"	"	"
Methoxychlor (72-43-5)	U		1.75	"	"	"
alpha-Chlordane (5103-71-9)	U		1.75	"	"	"
gamma-Chlordane (5103-74-2)	U		1.75	"	"	"
Toxaphene (8001-35-2)	U		52.4	"	"	"
Aroclor-1016 (12674-11-2)	U		34.9	"	"	08/22/12
Aroclor-1221 (11104-28-2)	U		69.8	"	"	"
Aroclor-1232 (11141-16-5)	U		34.9	"	"	"
Aroclor-1242 (53469-21-9)	U		34.9	"	"	"
Aroclor-1248 (12672-29-6)	U		34.9	"	"	"
Aroclor-1254 (11097-69-1)	U		34.9	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U		34.9	"	"	08/22/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208003-02 **Station ID: DSE-02-144-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.539g
%Solids: 57.03

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**11,500**		16.3	1	08/22/12	08/31/12
Barium (7440-39-3)	**1,470**		1.6	"	"	"
Beryllium (7440-41-7)	**1.3**		0.8	"	"	"
Cadmium (7440-43-9)	U		0.8	"	"	"
Calcium (7440-70-2)	**6,220**		24.4	"	"	"
Chromium (7440-47-3)	**12.7**		1.6	"	"	"
Cobalt (7440-48-4)	**11.7**		3.3	"	"	"
Copper (7440-50-8)	**31.7**		3.3	"	"	"
Iron (7439-89-6)	**18,100**		4.1	"	"	"
Magnesium (7439-95-4)	**5,600**		24.4	"	"	"
Manganese (7439-96-5)	**210**		0.8	"	"	"
Nickel (7440-02-2)	**24.6**		3.3	"	"	"
Potassium (7440-09-7)	**1,600**		163	"	"	"
Silver (7440-22-4)	U		1.6	"	"	"
Sodium (7440-23-5)	**1,980**		81.3	"	"	"
Vanadium (7440-62-2)	**34.7**		3.3	"	"	"
Zinc (7440-66-6)	**91.7**		3.3	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208003-02 **Station ID: DSE-02-144-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.539g
%Solids: 57.03

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		1.6	20	"	09/04/12
Arsenic (7440-38-2)	**6.9**		1.6	"	"	"
Lead (7439-92-1)	**30.4**		1.6	"	"	"
Selenium (7782-49-2)	U		1.6	"	"	"
Thallium (7440-28-0)	U		1.6	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208003-02 **Station ID: DSE-02-144-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.134g
%Solids: 57.03

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.105	1	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-03 **Station ID: DSE-02-24-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.007g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	51.9		104	82-120	08/09/12	08/09/12
Surr: Toluene-d8	49.1		98.1	81-116	"	"
Surr: 4-Bromofluorobenzene	49.6		99.3	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	749	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		99.9	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		99.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		99.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		99.9	"	"	"
Carbon disulfide (75-15-0)	U		99.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		99.9	"	"	"
Acetone (67-64-1)	**2,680**		499	"	"	"
Methylene chloride (75-09-2)	U		99.9	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		99.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		99.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		99.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		99.9	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		99.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		99.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		99.9	"	"	"
Cyclohexane (110-82-7)	**1,580**	**J**	99.9	"	"	"
Carbon tetrachloride (56-23-5)	U		99.9	"	"	"
Benzene (71-43-2)	**754**	**J**	99.9	"	"	"
Trichloroethene (79-01-6)	U		99.9	"	"	"
Methylcyclohexane (108-87-2)	**9,860**	**J**	99.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		99.9	"	"	"
Bromodichloromethane (75-27-4)	U		99.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		99.9	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-03 **Station ID: DSE-02-24-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.007g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		99.9	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		99.9	"	"	"
Dibromochloromethane (124-48-1)	U		99.9	"	"	"
Bromoform (75-25-2)	U		99.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**6,930**	**J**	99.9	"	"	"
Tetrachloroethene (127-18-4)	U		99.9	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		99.9	"	"	"
Chlorobenzene (108-90-7)	U		99.9	"	"	"
Ethylbenzene (100-41-4)	**6,410**	**J**	99.9	"	"	"
meta-/para-Xylene (na)	**16,000**	**J**	399	100	"	08/10/12
ortho-Xylene (95-47-6)	**8,220**	**J**	200	"	"	"
Styrene (100-42-5)	U		99.9	50	"	08/09/12
Isopropylbenzene (98-82-8)	**2,220**	**J**	99.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		99.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		99.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		99.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		99.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

kws

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-03 **Station ID: DSE-02-24-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 2.194g
%Solids: 74.43

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	26,200		57.0	38-101	08/09/12	08/13/12
Surr: Phenol-d5	30,900		67.2	42-105	"	"
Surr: 2-Chlorophenol-d4	24,600		53.5	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	15,700		51.4	37-100	"	"
Surr: Nitrobenzene-d5	29,100		95.0	42-108	"	"
Surr: 2-Fluorobiphenyl	26,000		84.9	51-103	"	"
Surr: 2,4,6-Tribromophenol	45,900		100	55-115	"	"
Surr: Terphenyl-d14	14,900		48.7 #	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**12,600**		12,200	10	08/09/12	08/15/12
Acenaphthylene (208-96-8)	U		1,220	1	"	08/13/12
Acetophenone (98-86-2)	U		3,060	"	"	"
Anthracene (120-12-7)	**4,700**	**J**	1,220	"	"	"
Atrazine (1912-24-9)	U		3,060	"	"	"
Benzaldehyde (100-52-7)	U		3,060	"	"	"
Benzoic acid (65-85-0)	U		6,120	"	"	"
Benzo (a) anthracene (56-55-3)	U		3,060	"	"	"
Benzo (a) pyrene (50-32-8)	U		3,060	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		3,060	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		3,060	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		3,060	"	"	"
Benzyl alcohol (100-51-6)	U		3,060	"	"	"
1,1'-Biphenyl (92-52-4)	**43,900**		30,600	10	"	08/15/12
Bis(2-chloroethoxy)methane (111-91-1)	U		3,060	1	"	08/13/12
Bis(2-chloroethyl)ether (111-44-4)	U		3,060	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		3,060	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		3,060	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		3,060	"	"	"
Butyl benzyl phthalate (85-68-7)	U		3,060	"	"	"
Carbazole (86-74-8)	U		3,060	"	"	"
Caprolactam (105-60-2)	U		3,060	"	"	"
4-Chloroaniline (106-47-8)	U		3,060	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-03 **Station ID: DSE-02-24-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 2.194g
%Solids: 74.43

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		3,060	1	08/09/12	08/13/12
2-Chlorophenol (95-57-8)	U		3,060	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		3,060	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		3,060	"	"	"
Chrysene (218-01-9)	U		3,060	"	"	"
Dibenzofuran (132-64-9)	**16,300**		12,200	10	"	08/15/12
Dibenz (a,h) anthracene (53-70-3)	U		3,060	1	"	08/13/12
1,2-Dichlorobenzene (95-50-1)	U		3,060	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		3,060	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		3,060	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		3,060	"	"	"
2,4-Dichlorophenol (120-83-2)	U		3,060	"	"	"
Diethyl phthalate (84-66-2)	U		3,060	"	"	"
2,4-Dimethylphenol (105-67-9)	U		3,060	"	"	"
Dimethyl phthalate (131-11-3)	U		3,060	"	"	"
2,4-Dinitrophenol (51-28-5)	U		12,200	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		3,060	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		3,060	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		12,200	"	"	"
Di-n-butyl phthalate (84-74-2)	U		3,060	"	"	"
Di-n-octyl phthalate (117-84-0)	U		3,060	"	"	"
Fluoranthene (206-44-0)	**2,090**	**J**	1,220	"	"	"
Fluorene (86-73-7)	**28,100**		12,200	10	"	08/15/12
Hexachlorobenzene (118-74-1)	U		3,060	1	"	08/13/12
Hexachlorobutadiene (87-68-3)	U		3,060	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		3,060	"	"	"
Hexachloroethane (67-72-1)	U		3,060	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		3,060	"	"	"
Isophorone (78-59-1)	U		3,060	"	"	"
2-Methylnaphthalene (91-57-6)	**480,000**		12,200	10	"	08/15/12
2-Methylphenol (95-48-7)	U		3,060	1	"	08/13/12
3 &/or 4-Methylphenol (106-44-5)	U		3,060	"	"	"
Naphthalene (91-20-3)	**142,000**		12,200	10	"	08/15/12
2-Nitroaniline (88-74-4)	U		4,900	1	"	08/13/12
3-Nitroaniline (99-09-2)	U		4,900	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-03 **Station ID: DSE-02-24-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 2.194g
%Solids: 74.43

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		4,900	1	08/09/12	08/13/12
Nitrobenzene (98-95-3)	U		3,060	"	"	"
2-Nitrophenol (88-75-5)	U		3,060	"	"	"
4-Nitrophenol (100-02-7)	U		7,960	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		3,060	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		3,060	"	"	"
Pentachlorophenol (87-86-5)	U		3,060	"	"	"
Phenanthrene (85-01-8)	**72,600**		12,200	10	"	08/15/12
Phenol (108-95-2)	U		3,060	1	"	08/13/12
Pyrene (129-00-0)	**1,510**	**J**	1,220	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		3,060	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		3,060	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		3,060	"	"	"

BJS

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208003-03 **Station ID: DSE-02-24-413**

Batch: B2H0901
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 10.173g
%Solids: 74.43

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	13.4		40.5 #	41-112	08/09/12	08/17/12
Surr: Decachlorobiphenyl	35.7		108	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		13.2	10	08/09/12	08/17/12
alpha-BHC (319-84-6)	U		13.2	"	"	"
beta-BHC (319-85-7)	U		13.2	"	"	"
delta-BHC (319-86-8)	U		13.2	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		13.2	"	"	"
4,4´-DDD (72-54-8)	U		13.2	"	"	"
4,4´-DDE (72-55-9)	U		13.2	"	"	"
4,4´-DDT (50-29-3)	U		13.2	"	"	"
Dieldrin (60-57-1)	U		13.2	"	"	"
Endosulfan I (959-98-8)	U		13.2	"	"	"
Endosulfan II (33213-65-9)	U		13.2	"	"	"
Endosulfan sulfate (1031-07-8)	U		13.2	"	"	"
Endrin (72-20-8)	U		13.2	"	"	"
Endrin aldehyde (7421-93-4)	U	RL	13.2	"	"	"
Endrin ketone (53494-70-5)	U		13.2	"	"	"
Heptachlor (76-44-8)	U		13.2	"	"	"
Heptachlor epoxide (1024-57-3)	U		13.2	"	"	"
Methoxychlor (72-43-5)	U	RL	33.0	"	"	"
alpha-Chlordane (5103-71-9)	U		13.2	"	"	"
gamma-Chlordane (5103-74-2)	U		13.2	"	"	"
Toxaphene (8001-35-2)	U		396	"	"	"
Aroclor-1016 (12674-11-2)	U		26.4	1	"	08/22/12
Aroclor-1221 (11104-28-2)	U		52.8	"	"	"
Aroclor-1232 (11141-16-5)	U		26.4	"	"	"
Aroclor-1242 (53469-21-9)	U		26.4	"	"	"
Aroclor-1248 (12672-29-6)	U		26.4	"	"	"
Aroclor-1254 (11097-69-1)	U	RL	33.0	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U		26.4	"	"	08/22/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208003-03 **Station ID: DSE-02-24-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.536g
%Solids: 74.43

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**2,120**		12.5	1	08/22/12	08/31/12
Barium (7440-39-3)	**570**		1.3	"	"	"
Beryllium (7440-41-7)	U		0.6	"	"	"
Cadmium (7440-43-9)	**6.9**		0.6	"	"	"
Calcium (7440-70-2)	**14,000**		18.8	"	"	"
Chromium (7440-47-3)	**179**		1.3	"	"	"
Cobalt (7440-48-4)	**4.0**		2.5	"	"	"
Copper (7440-50-8)	**64.6**		2.5	"	"	"
Iron (7439-89-6)	**11,700**		3.1	"	"	"
Magnesium (7439-95-4)	**1,470**		18.8	"	"	"
Manganese (7439-96-5)	**502**		0.6	"	"	"
Nickel (7440-02-2)	**9.7**		2.5	"	"	"
Potassium (7440-09-7)	**502**		125	"	"	"
Silver (7440-22-4)	**3.0**	**K**	1.3	"	"	"
Sodium (7440-23-5)	**1,110**		62.7	"	"	"
Vanadium (7440-62-2)	**10.4**		2.5	"	"	"
Zinc (7440-66-6)	**1,340**		2.5	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208003-03 **Station ID: DSE-02-24-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.536g
%Solids: 74.43

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**6.3**		1.3	20	"	09/04/12
Arsenic (7440-38-2)	**26.7**		1.3	"	"	"
Lead (7439-92-1)	**669**		1.3	"	"	"
Selenium (7782-49-2)	U		1.3	"	"	"
Thallium (7440-28-0)	U		1.3	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208003-03 **Station ID: DSE-02-24-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.126g
%Solids: 74.43

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**2.24**		0.171	2	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-04 **Station ID: DSE-02-48-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.007g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	53.6		107	82-120	08/09/12	08/09/12
Surr: Toluene-d8	49.9		99.7	81-116	"	"
Surr: 4-Bromofluorobenzene	49.0		97.9	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	749	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		99.9	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		99.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		99.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		99.9	"	"	"
Carbon disulfide (75-15-0)	U		99.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		99.9	"	"	"
Acetone (67-64-1)	**2,020**		499	"	"	"
Methylene chloride (75-09-2)	U		99.9	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		99.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		99.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		99.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		99.9	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		99.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		99.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		99.9	"	"	"
Cyclohexane (110-82-7)	**1,380**	**J**	99.9	"	"	"
Carbon tetrachloride (56-23-5)	U		99.9	"	"	"
Benzene (71-43-2)	**762**		99.9	"	"	"
Trichloroethene (79-01-6)	U		99.9	"	"	"
Methylcyclohexane (108-87-2)	**8,040**	**J**	99.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		99.9	"	"	"
Bromodichloromethane (75-27-4)	U		99.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		99.9	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-04 **Station ID: DSE-02-48-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.007g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		99.9	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		99.9	"	"	"
Dibromochloromethane (124-48-1)	U		99.9	"	"	"
Bromoform (75-25-2)	U		99.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**5,090**		99.9	"	"	"
Tetrachloroethene (127-18-4)	U		99.9	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		99.9	"	"	"
Chlorobenzene (108-90-7)	U		99.9	"	"	"
Ethylbenzene (100-41-4)	**4,620**		99.9	"	"	"
meta-/para-Xylene (na)	**23,300**		399	100	"	08/10/12
ortho-Xylene (95-47-6)	**11,300**		200	"	"	"
Styrene (100-42-5)	U		99.9	50	"	08/09/12
Isopropylbenzene (98-82-8)	**1,820**		99.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		99.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		99.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		99.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		99.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

kws

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-04 **Station ID: DSE-02-48-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 2.257g
%Solids: 66.51

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	38,700		77.5	38-101	08/09/12	08/13/12
Surr: Phenol-d5	39,800		79.7	42-105	"	"
Surr: 2-Chlorophenol-d4	31,600		63.3	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	22,200		66.6	37-100	"	"
Surr: Nitrobenzene-d5	37,700		113 #	42-108	"	"
Surr: 2-Fluorobiphenyl	31,700		95.1	51-103	"	"
Surr: 2,4,6-Tribromophenol	54,200		109	55-115	"	"
Surr: Terphenyl-d14	19,400		58.4	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		26,600	20	08/09/12	08/15/12
Acenaphthylene (208-96-8)	U		1,330	1	"	08/13/12
Acetophenone (98-86-2)	U		3,330	"	"	"
Anthracene (120-12-7)	**6,930**		1,330	"	"	"
Atrazine (1912-24-9)	U		3,330	"	"	"
Benzaldehyde (100-52-7)	U		3,330	"	"	"
Benzoic acid (65-85-0)	U		6,660	"	"	"
Benzo (a) anthracene (56-55-3)	U		3,330	"	"	"
Benzo (a) pyrene (50-32-8)	U		3,330	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		3,330	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		3,330	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		3,330	"	"	"
Benzyl alcohol (100-51-6)	U		3,330	"	"	"
1,1'-Biphenyl (92-52-4)	**43,700**		3,330	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		3,330	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		3,330	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		3,330	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		3,330	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		3,330	"	"	"
Butyl benzyl phthalate (85-68-7)	U		3,330	"	"	"
Carbazole (86-74-8)	U		3,330	"	"	"
Caprolactam (105-60-2)	U		3,330	"	"	"
4-Chloroaniline (106-47-8)	U		3,330	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-04 **Station ID: DSE-02-48-413**

Batch: B2H0902 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 2.257g Sample Qualifiers:
%Solids: 66.51

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		3,330	1	08/09/12	08/13/12
2-Chlorophenol (95-57-8)	U		3,330	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		3,330	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		3,330	"	"	"
Chrysene (218-01-9)	U		3,330	"	"	"
Dibenzofuran (132-64-9)	**26,000**		3,330	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		3,330	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		3,330	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		3,330	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		3,330	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		3,330	"	"	"
2,4-Dichlorophenol (120-83-2)	U		3,330	"	"	"
Diethyl phthalate (84-66-2)	U		3,330	"	"	"
2,4-Dimethylphenol (105-67-9)	U		3,330	"	"	"
Dimethyl phthalate (131-11-3)	U		3,330	"	"	"
2,4-Dinitrophenol (51-28-5)	U		13,300	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		3,330	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		3,330	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		13,300	"	"	"
Di-n-butyl phthalate (84-74-2)	U		3,330	"	"	"
Di-n-octyl phthalate (117-84-0)	U		3,330	"	"	"
Fluoranthene (206-44-0)	**3,440**		1,330	"	"	"
Fluorene (86-73-7)	**44,100**		1,330	"	"	"
Hexachlorobenzene (118-74-1)	U		3,330	"	"	"
Hexachlorobutadiene (87-68-3)	U		3,330	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		3,330	"	"	"
Hexachloroethane (67-72-1)	U		3,330	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		3,330	"	"	"
Isophorone (78-59-1)	U		3,330	"	"	"
2-Methylnaphthalene (91-57-6)	**612,000**		26,600	20	"	08/15/12
2-Methylphenol (95-48-7)	U		3,330	1	"	08/13/12
3 &/or 4-Methylphenol (106-44-5)	U		3,330	"	"	"
Naphthalene (91-20-3)	**188,000**		26,600	20	"	08/15/12
2-Nitroaniline (88-74-4)	U		5,330	1	"	08/13/12
3-Nitroaniline (99-09-2)	U		5,330	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-04 **Station ID: DSE-02-48-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 2.257g
%Solids: 66.51

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		5,330	1	08/09/12	08/13/12
Nitrobenzene (98-95-3)	U		3,330	"	"	"
2-Nitrophenol (88-75-5)	U		3,330	"	"	"
4-Nitrophenol (100-02-7)	U		8,660	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		3,330	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		3,330	"	"	"
Pentachlorophenol (87-86-5)	U		3,330	"	"	"
Phenanthrene (85-01-8)	**103,000**		26,600	20	"	08/15/12
Phenol (108-95-2)	U		3,330	1	"	08/13/12
Pyrene (129-00-0)	**2,090**		1,330	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		3,330	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		3,330	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		3,330	"	"	"

BJS

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208003-04 **Station ID: DSE-02-48-413**

Batch: B2H0901
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 10.2g
%Solids: 66.51

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	16.9		45.9	41-112	08/09/12	08/17/12
Surr: Decachlorobiphenyl	38.8		105	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		14.7	10	08/09/12	08/17/12
alpha-BHC (319-84-6)	U		14.7	"	"	"
beta-BHC (319-85-7)	U		14.7	"	"	"
delta-BHC (319-86-8)	U		14.7	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		14.7	"	"	"
4,4´-DDD (72-54-8)	U		14.7	"	"	"
4,4´-DDE (72-55-9)	U		14.7	"	"	"
4,4´-DDT (50-29-3)	U		14.7	"	"	"
Dieldrin (60-57-1)	U		14.7	"	"	"
Endosulfan I (959-98-8)	U		14.7	"	"	"
Endosulfan II (33213-65-9)	U		14.7	"	"	"
Endosulfan sulfate (1031-07-8)	U		14.7	"	"	"
Endrin (72-20-8)	U		14.7	"	"	"
Endrin aldehyde (7421-93-4)	U		14.7	"	"	"
Endrin ketone (53494-70-5)	U		14.7	"	"	"
Heptachlor (76-44-8)	U		14.7	"	"	"
Heptachlor epoxide (1024-57-3)	U		14.7	"	"	"
Methoxychlor (72-43-5)	U	RL	36.9	"	"	"
alpha-Chlordane (5103-71-9)	U		14.7	"	"	"
gamma-Chlordane (5103-74-2)	U		14.7	"	"	"
Toxaphene (8001-35-2)	U		442	"	"	"
Aroclor-1016 (12674-11-2)	U	RL	73.7	1	"	08/22/12
Aroclor-1221 (11104-28-2)	U	RL	147	"	"	"
Aroclor-1232 (11141-16-5)	U	RL	73.7	"	"	"
Aroclor-1242 (53469-21-9)	U	RL	73.7	"	"	"
Aroclor-1248 (12672-29-6)	U	RL	73.7	"	"	"
Aroclor-1254 (11097-69-1)	**101**	**J**	29.5	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U	RL	36.9	"	"	08/22/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208003-04 **Station ID: DSE-02-48-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.528g
%Solids: 66.51

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**3,770**		14.2	1	08/22/12	08/31/12
Barium (7440-39-3)	**528**		1.4	"	"	"
Beryllium (7440-41-7)	U		0.7	"	"	"
Cadmium (7440-43-9)	**10.2**		0.7	"	"	"
Calcium (7440-70-2)	**16,300**		21.4	"	"	"
Chromium (7440-47-3)	**191**		1.4	"	"	"
Cobalt (7440-48-4)	**6.5**		2.8	"	"	"
Copper (7440-50-8)	**90.8**		2.8	"	"	"
Iron (7439-89-6)	**17,700**		3.6	"	"	"
Magnesium (7439-95-4)	**2,360**		21.4	"	"	"
Manganese (7439-96-5)	**726**		0.7	"	"	"
Nickel (7440-02-2)	**13.8**		2.8	"	"	"
Potassium (7440-09-7)	**836**		142	"	"	"
Silver (7440-22-4)	**5.3**	**K**	1.4	"	"	"
Sodium (7440-23-5)	**2,320**		71.2	"	"	"
Vanadium (7440-62-2)	**14.7**		2.8	"	"	"
Zinc (7440-66-6)	**2,000**		2.8	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208003-04 **Station ID: DSE-02-48-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.528g
%Solids: 66.51

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**8.7**		1.4	20	"	09/04/12
Arsenic (7440-38-2)	**41.9**		1.4	"	"	"
Lead (7439-92-1)	**1,170**		1.4	"	"	"
Selenium (7782-49-2)	U		1.4	"	"	"
Thallium (7440-28-0)	U		1.4	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208003-04 **Station ID: DSE-02-48-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.137g
%Solids: 66.51

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**2.67**		0.176	2	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-05 **Station ID: DSE-02-72-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.004g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	52.0		104	82-120	08/09/12	08/09/12
Surr: Toluene-d8	48.6		97.1	81-116	"	"
Surr: 4-Bromofluorobenzene	50.4		101	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	749	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		99.9	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		99.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		99.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		99.9	"	"	"
Carbon disulfide (75-15-0)	U		99.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		99.9	"	"	"
Acetone (67-64-1)	**1,880**		500	"	"	"
Methylene chloride (75-09-2)	U		99.9	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		99.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		99.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		99.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		99.9	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		99.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		99.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		99.9	"	"	"
Cyclohexane (110-82-7)	**1,440**	**J**	99.9	"	"	"
Carbon tetrachloride (56-23-5)	U		99.9	"	"	"
Benzene (71-43-2)	**1,010**		99.9	"	"	"
Trichloroethene (79-01-6)	U		99.9	"	"	"
Methylcyclohexane (108-87-2)	**7,410**	**J**	99.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		99.9	"	"	"
Bromodichloromethane (75-27-4)	U		99.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		99.9	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-05 **Station ID: DSE-02-72-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.004g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		99.9	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		99.9	"	"	"
Dibromochloromethane (124-48-1)	U		99.9	"	"	"
Bromoform (75-25-2)	U		99.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**4,480**		99.9	"	"	"
Tetrachloroethene (127-18-4)	U		99.9	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		99.9	"	"	"
Chlorobenzene (108-90-7)	U		99.9	"	"	"
Ethylbenzene (100-41-4)	**3,520**		99.9	"	"	"
meta-/para-Xylene (na)	**15,800**		200	"	"	"
ortho-Xylene (95-47-6)	**7,970**		99.9	"	"	"
Styrene (100-42-5)	U		99.9	"	"	"
Isopropylbenzene (98-82-8)	**1,360**		99.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		99.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		99.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		99.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		99.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

kws

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-05 **Station ID: DSE-02-72-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 2.09g
%Solids: 73.68

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	36,700		75.3	38-101	08/09/12	08/15/12
Surr: Phenol-d5	41,000		84.3	42-105	"	"
Surr: 2-Chlorophenol-d4	35,400		72.7	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	21,200		65.2	37-100	"	"
Surr: Nitrobenzene-d5	27,500		84.6	42-108	"	"
Surr: 2-Fluorobiphenyl	30,800		95.0	51-103	"	"
Surr: 2,4,6-Tribromophenol	38,900		79.9	55-115	"	"
Surr: Terphenyl-d14	26,600		82.0	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**23,100**		13,000	10	08/09/12	08/15/12
Acenaphthylene (208-96-8)	U		13,000	"	"	"
Acetophenone (98-86-2)	U		32,500	"	"	"
Anthracene (120-12-7)	**13,000**		13,000	"	"	"
Atrazine (1912-24-9)	U		32,500	"	"	"
Benzaldehyde (100-52-7)	U		32,500	"	"	"
Benzoic acid (65-85-0)	U		64,900	"	"	"
Benzo (a) anthracene (56-55-3)	U		32,500	"	"	"
Benzo (a) pyrene (50-32-8)	U		32,500	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		32,500	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		32,500	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		32,500	"	"	"
Benzyl alcohol (100-51-6)	U		32,500	"	"	"
1,1'-Biphenyl (92-52-4)	U		32,500	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		32,500	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		32,500	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		32,500	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		32,500	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		32,500	"	"	"
Butyl benzyl phthalate (85-68-7)	U		32,500	"	"	"
Carbazole (86-74-8)	U		32,500	"	"	"
Caprolactam (105-60-2)	U		32,500	"	"	"
4-Chloroaniline (106-47-8)	U		32,500	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-05 **Station ID: DSE-02-72-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 2.09g
%Solids: 73.68

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		32,500	10	08/09/12	08/15/12
2-Chlorophenol (95-57-8)	U		32,500	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		32,500	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		32,500	"	"	"
Chrysene (218-01-9)	U		32,500	"	"	"
Dibenzofuran (132-64-9)	U		32,500	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		32,500	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		32,500	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		32,500	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		32,500	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		32,500	"	"	"
2,4-Dichlorophenol (120-83-2)	U		32,500	"	"	"
Diethyl phthalate (84-66-2)	U		32,500	"	"	"
2,4-Dimethylphenol (105-67-9)	U		32,500	"	"	"
Dimethyl phthalate (131-11-3)	U		32,500	"	"	"
2,4-Dinitrophenol (51-28-5)	U		130,000	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		32,500	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		32,500	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		130,000	"	"	"
Di-n-butyl phthalate (84-74-2)	U		32,500	"	"	"
Di-n-octyl phthalate (117-84-0)	U		32,500	"	"	"
Fluoranthene (206-44-0)	U		13,000	"	"	"
Fluorene (86-73-7)	**61,700**		13,000	"	"	"
Hexachlorobenzene (118-74-1)	U		32,500	"	"	"
Hexachlorobutadiene (87-68-3)	U		32,500	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		32,500	"	"	"
Hexachloroethane (67-72-1)	U		32,500	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		32,500	"	"	"
Isophorone (78-59-1)	U		32,500	"	"	"
2-Methylnaphthalene (91-57-6)	**517,000**		13,000	"	"	"
2-Methylphenol (95-48-7)	U		32,500	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		32,500	"	"	"
Naphthalene (91-20-3)	**79,900**		13,000	"	"	"
2-Nitroaniline (88-74-4)	U		52,000	"	"	"
3-Nitroaniline (99-09-2)	U		52,000	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-05 **Station ID: DSE-02-72-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 2.09g
%Solids: 73.68

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		52,000	10	08/09/12	08/15/12
Nitrobenzene (98-95-3)	U		32,500	"	"	"
2-Nitrophenol (88-75-5)	U		32,500	"	"	"
4-Nitrophenol (100-02-7)	U		84,400	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		32,500	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		32,500	"	"	"
Pentachlorophenol (87-86-5)	U		32,500	"	"	"
Phenanthrene (85-01-8)	**100,000**		13,000	"	"	"
Phenol (108-95-2)	U		32,500	"	"	"
Pyrene (129-00-0)	**13,500**		13,000	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		32,500	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		32,500	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		32,500	"	"	"

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208003-05 **Station ID: DSE-02-72-413**

Batch: B2H0901
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 10.061g
%Solids: 73.68

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	14.5		43.1	41-112	08/09/12	08/17/12
Surr: Decachlorobiphenyl	42.7		126 #	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		13.5	10	08/09/12	08/17/12
alpha-BHC (319-84-6)	U		13.5	"	"	"
beta-BHC (319-85-7)	U		13.5	"	"	"
delta-BHC (319-86-8)	U		13.5	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		13.5	"	"	"
4,4´-DDD (72-54-8)	U		13.5	"	"	"
4,4´-DDE (72-55-9)	U		13.5	"	"	"
4,4´-DDT (50-29-3)	U		13.5	"	"	"
Dieldrin (60-57-1)	U		13.5	"	"	"
Endosulfan I (959-98-8)	U		13.5	"	"	"
Endosulfan II (33213-65-9)	U		13.5	"	"	"
Endosulfan sulfate (1031-07-8)	U		13.5	"	"	"
Endrin (72-20-8)	U		13.5	"	"	"
Endrin aldehyde (7421-93-4)	U	RL	27.0	"	"	"
Endrin ketone (53494-70-5)	U		13.5	"	"	"
Heptachlor (76-44-8)	U		13.5	"	"	"
Heptachlor epoxide (1024-57-3)	U		13.5	"	"	"
Methoxychlor (72-43-5)	U	RL	80.9	"	"	"
alpha-Chlordane (5103-71-9)	U		13.5	"	"	"
gamma-Chlordane (5103-74-2)	U		13.5	"	"	"
Toxaphene (8001-35-2)	U		405	"	"	"
Aroclor-1016 (12674-11-2)	U	RL	67.4	1	"	08/22/12
Aroclor-1221 (11104-28-2)	U	RL	135	"	"	"
Aroclor-1232 (11141-16-5)	U	RL	67.4	"	"	"
Aroclor-1242 (53469-21-9)	U	RL	67.4	"	"	"
Aroclor-1248 (12672-29-6)	U	RL	67.4	"	"	"
Aroclor-1254 (11097-69-1)	U	RL	33.7	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U	RL	33.7	"	"	08/22/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208003-05 **Station ID: DSE-02-72-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.53g
%Solids: 73.68

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**2,630**		12.8	1	08/22/12	08/31/12
Barium (7440-39-3)	**740**		1.3	"	"	"
Beryllium (7440-41-7)	U		0.6	"	"	"
Cadmium (7440-43-9)	**5.6**		0.6	"	"	"
Calcium (7440-70-2)	**15,200**		19.2	"	"	"
Chromium (7440-47-3)	**218**		1.3	"	"	"
Cobalt (7440-48-4)	**4.9**		2.6	"	"	"
Copper (7440-50-8)	**58.6**		2.6	"	"	"
Iron (7439-89-6)	**10,300**		3.2	"	"	"
Magnesium (7439-95-4)	**1,700**		19.2	"	"	"
Manganese (7439-96-5)	**432**		0.6	"	"	"
Nickel (7440-02-2)	**10.1**		2.6	"	"	"
Potassium (7440-09-7)	**623**		128	"	"	"
Silver (7440-22-4)	**2.6**	**K**	1.3	"	"	"
Sodium (7440-23-5)	**1,520**		64.0	"	"	"
Vanadium (7440-62-2)	**10.5**		2.6	"	"	"
Zinc (7440-66-6)	**1,080**		2.6	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208003-05 **Station ID: DSE-02-72-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.53g
%Solids: 73.68

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**4.7**		1.3	20	"	09/04/12
Arsenic (7440-38-2)	**25.1**		1.3	"	"	"
Lead (7439-92-1)	**590**		1.3	"	"	"
Selenium (7782-49-2)	U		1.3	"	"	"
Thallium (7440-28-0)	U		1.3	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208003-05 **Station ID: DSE-02-72-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.15g
%Solids: 73.68

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**1.10**		0.072	1	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-06 **Station ID: DSE-02-96-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.001g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	52.4		105	82-120	08/09/12	08/09/12
Surr: Toluene-d8	51.1		102	81-116	"	"
Surr: 4-Bromofluorobenzene	48.6		97.3	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	750	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		100	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		100	"	"	"
Trichlorofluoromethane (75-69-4)	U		100	"	"	"
1,1-Dichloroethene (75-35-4)	U		100	"	"	"
Carbon disulfide (75-15-0)	U		100	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		100	"	"	"
Acetone (67-64-1)	**1,330**	**J**	500	"	"	"
Methylene chloride (75-09-2)	U		100	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		100	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		100	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		100	"	"	"
1,1-Dichloroethane (75-34-3)	U		100	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		100	"	"	"
1,2-Dichloroethane (107-06-2)	U		100	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		100	"	"	"
Cyclohexane (110-82-7)	**2,270**	**J**	100	"	"	"
Carbon tetrachloride (56-23-5)	U		100	"	"	"
Benzene (71-43-2)	**732**		100	"	"	"
Trichloroethene (79-01-6)	U		100	"	"	"
Methylcyclohexane (108-87-2)	**8,130**	**J**	200	100	"	08/10/12
1,2-Dichloropropane (78-87-5)	U		100	50	"	08/09/12
Bromodichloromethane (75-27-4)	U		100	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		100	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-06 **Station ID: DSE-02-96-413**

Batch: B2H0905 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 5.001g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		100	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		100	"	"	"
Dibromochloromethane (124-48-1)	U		100	"	"	"
Bromoform (75-25-2)	U		100	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**7,450**		100	"	"	"
Tetrachloroethene (127-18-4)	U		100	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		100	"	"	"
Chlorobenzene (108-90-7)	U		100	"	"	"
Ethylbenzene (100-41-4)	**6,480**		100	"	"	"
meta-/para-Xylene (na)	**23,900**		400	100	"	08/10/12
ortho-Xylene (95-47-6)	**11,800**		200	"	"	"
Styrene (100-42-5)	U		100	50	"	08/09/12
Isopropylbenzene (98-82-8)	**2,650**		100	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		100	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		100	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		100	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		100	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

kws

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-06 **Station ID: DSE-02-96-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 5.274g
%Solids: 71.51

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	13,500		68.0	38-101	08/09/12	08/17/12
Surr: Phenol-d5	10,300		52.0	42-105	"	"
Surr: 2-Chlorophenol-d4	9,460		47.6	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	5,660		42.7	37-100	"	"
Surr: Nitrobenzene-d5	12,600		94.9	42-108	"	"
Surr: 2-Fluorobiphenyl	13,000		98.2	51-103	"	"
Surr: 2,4,6-Tribromophenol	16,900		84.8	55-115	"	"
Surr: Terphenyl-d14	8,520		64.3	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		10,600	20	08/09/12	08/15/12
Acenaphthylene (208-96-8)	U		530	1	"	08/17/12
Acetophenone (98-86-2)	U		1,330	"	"	"
Anthracene (120-12-7)	**1,550**	**J**	530	"	"	"
Atrazine (1912-24-9)	U		1,330	"	"	"
Benzaldehyde (100-52-7)	U		1,330	"	"	"
Benzoic acid (65-85-0)	U		2,650	"	"	"
Benzo (a) anthracene (56-55-3)	U		1,330	"	"	"
Benzo (a) pyrene (50-32-8)	U		1,330	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		1,330	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		1,330	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		1,330	"	"	"
Benzyl alcohol (100-51-6)	U		1,330	"	"	"
1,1'-Biphenyl (92-52-4)	**16,800**		15,900	20	"	08/15/12
Bis(2-chloroethoxy)methane (111-91-1)	U		1,330	1	"	08/17/12
Bis(2-chloroethyl)ether (111-44-4)	U		1,330	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		1,330	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		1,330	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		1,330	"	"	"
Butyl benzyl phthalate (85-68-7)	U		1,330	"	"	"
Carbazole (86-74-8)	U		1,330	"	"	"
Caprolactam (105-60-2)	U		1,330	"	"	"
4-Chloroaniline (106-47-8)	U		1,330	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-06 **Station ID: DSE-02-96-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 5.274g
%Solids: 71.51

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		1,330	1	08/09/12	08/17/12
2-Chlorophenol (95-57-8)	U		1,330	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		1,330	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		1,330	"	"	"
Chrysene (218-01-9)	U		1,330	"	"	"
Dibenzofuran (132-64-9)	**10,500**	**J**	1,330	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		1,330	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		1,330	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		1,330	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		1,330	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		1,330	"	"	"
2,4-Dichlorophenol (120-83-2)	U		1,330	"	"	"
Diethyl phthalate (84-66-2)	U		1,330	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1,330	"	"	"
Dimethyl phthalate (131-11-3)	U		1,330	"	"	"
2,4-Dinitrophenol (51-28-5)	U		5,300	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1,330	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1,330	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		5,300	"	"	"
Di-n-butyl phthalate (84-74-2)	U		1,330	"	"	"
Di-n-octyl phthalate (117-84-0)	U		1,330	"	"	"
Fluoranthene (206-44-0)	**1,490**	**J**	530	"	"	"
Fluorene (86-73-7)	**12,800**		10,600	20	"	08/15/12
Hexachlorobenzene (118-74-1)	U		1,330	1	"	08/17/12
Hexachlorobutadiene (87-68-3)	U		1,330	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		1,330	"	"	"
Hexachloroethane (67-72-1)	U		1,330	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		1,330	"	"	"
Isophorone (78-59-1)	U		1,330	"	"	"
2-Methylnaphthalene (91-57-6)	**182,000**		10,600	20	"	08/15/12
2-Methylphenol (95-48-7)	U		1,330	1	"	08/17/12
3 &/or 4-Methylphenol (106-44-5)	U		1,330	"	"	"
Naphthalene (91-20-3)	**50,600**		10,600	20	"	08/15/12
2-Nitroaniline (88-74-4)	U		2,120	1	"	08/17/12
3-Nitroaniline (99-09-2)	U		2,120	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208003-06 **Station ID: DSE-02-96-413**

Batch: B2H0902
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 5.274g
%Solids: 71.51

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		2,120	1	08/09/12	08/17/12
Nitrobenzene (98-95-3)	U		1,330	"	"	"
2-Nitrophenol (88-75-5)	U		1,330	"	"	"
4-Nitrophenol (100-02-7)	U		3,450	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		1,330	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		1,330	"	"	"
Pentachlorophenol (87-86-5)	U		1,330	"	"	"
Phenanthrene (85-01-8)	**31,300**		10,600	20	"	08/15/12
Phenol (108-95-2)	U		1,330	1	"	08/17/12
Pyrene (129-00-0)	**1,270**		530	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		1,330	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		1,330	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		1,330	"	"	"

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208003-06 **Station ID: DSE-02-96-413**

Batch: B2H0901
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 10.358g
%Solids: 71.51

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	16.6		49.2	41-112	08/09/12	08/17/12
Surr: Decachlorobiphenyl	40.9		121	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		13.5	10	08/09/12	08/17/12
alpha-BHC (319-84-6)	U		13.5	"	"	"
beta-BHC (319-85-7)	U		13.5	"	"	"
delta-BHC (319-86-8)	U		13.5	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		13.5	"	"	"
4,4´-DDD (72-54-8)	U		13.5	"	"	"
4,4´-DDE (72-55-9)	U		13.5	"	"	"
4,4´-DDT (50-29-3)	U		13.5	"	"	"
Dieldrin (60-57-1)	U		13.5	"	"	"
Endosulfan I (959-98-8)	U		13.5	"	"	"
Endosulfan II (33213-65-9)	U		13.5	"	"	"
Endosulfan sulfate (1031-07-8)	U		13.5	"	"	"
Endrin (72-20-8)	U		13.5	"	"	"
Endrin aldehyde (7421-93-4)	U		13.5	"	"	"
Endrin ketone (53494-70-5)	U		13.5	"	"	"
Heptachlor (76-44-8)	U		13.5	"	"	"
Heptachlor epoxide (1024-57-3)	U		13.5	"	"	"
Methoxychlor (72-43-5)	U		13.5	"	"	"
alpha-Chlordane (5103-71-9)	U		13.5	"	"	"
gamma-Chlordane (5103-74-2)	U		13.5	"	"	"
Toxaphene (8001-35-2)	U		405	"	"	"
Aroclor-1016 (12674-11-2)	U	RL	33.8	1	"	08/22/12
Aroclor-1221 (11104-28-2)	U	RL	67.5	"	"	"
Aroclor-1232 (11141-16-5)	U	RL	33.8	"	"	"
Aroclor-1242 (53469-21-9)	U	RL	33.8	"	"	"
Aroclor-1248 (12672-29-6)	U	RL	33.8	"	"	"
Aroclor-1254 (11097-69-1)	**114**		27.0	"	"	08/23/12
Aroclor-1260 (11096-82-5)	**34.9**	**NJ**	33.8	"	"	08/22/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208003-06 **Station ID: DSE-02-96-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.528g
%Solids: 71.51

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**4,870**		13.2	1	08/22/12	08/31/12
Barium (7440-39-3)	**617**		1.3	"	"	"
Beryllium (7440-41-7)	U		0.7	"	"	"
Cadmium (7440-43-9)	**5.8**		0.7	"	"	"
Calcium (7440-70-2)	**14,000**		19.9	"	"	"
Chromium (7440-47-3)	**114**		1.3	"	"	"
Cobalt (7440-48-4)	**7.0**		2.6	"	"	"
Copper (7440-50-8)	**65.1**		2.6	"	"	"
Iron (7439-89-6)	**15,300**		3.3	"	"	"
Magnesium (7439-95-4)	**3,060**		19.9	"	"	"
Manganese (7439-96-5)	**511**		0.7	"	"	"
Nickel (7440-02-2)	**15.0**		2.6	"	"	"
Potassium (7440-09-7)	**940**		132	"	"	"
Silver (7440-22-4)	**2.1**	**K**	1.3	"	"	"
Sodium (7440-23-5)	**1,430**		66.2	"	"	"
Vanadium (7440-62-2)	**15.9**		2.6	"	"	"
Zinc (7440-66-6)	**1,200**		2.6	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208003-06 **Station ID: DSE-02-96-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/06/12
Sample Wt: 0.528g
%Solids: 71.51

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**4.5**		1.3	20	"	09/04/12
Arsenic (7440-38-2)	**43.9**		1.3	"	"	"
Lead (7439-92-1)	**572**		1.3	"	"	"
Selenium (7782-49-2)	U		1.3	"	"	"
Thallium (7440-28-0)	U		1.3	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208003-06 **Station ID: DSE-02-96-413**

Batch: B2H2206 Date Collected: 08/06/12
Sample Type: Solid Sample Wt: 0.125g Sample Qualifiers:
%Solids: 71.51

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.260**		0.089	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-01 **Station ID: DC-01-00-111**

Batch: B2H2002 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**198**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**95.4**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**23,200**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**425**		25.0	"	"	"
Magnesium (7439-95-4)	**9,800**		150	"	"	"
Manganese (7439-96-5)	**139**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**3,390**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**30,900**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	**27.3**		20.0	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-01 **Station ID: DC-01-00-111**

Batch: B2H2003 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.2**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-01 **Station ID: DC-01-00-111**

Batch: B2H2404 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-02 **Station ID: DC-01-03-611**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.532g
%Solids: 49.46

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**7,620**		19.0	1	08/22/12	08/31/12
Barium (7440-39-3)	**1,900**		1.9	"	"	"
Beryllium (7440-41-7)	U		1.0	"	"	"
Cadmium (7440-43-9)	U		1.0	"	"	"
Calcium (7440-70-2)	**8,120**		28.5	"	"	"
Chromium (7440-47-3)	**11.1**		1.9	"	"	"
Cobalt (7440-48-4)	**11.4**		3.8	"	"	"
Copper (7440-50-8)	**27.0**		3.8	"	"	"
Iron (7439-89-6)	**16,100**		4.8	"	"	"
Magnesium (7439-95-4)	**5,600**		28.5	"	"	"
Manganese (7439-96-5)	**627**		1.0	"	"	"
Nickel (7440-02-2)	**20.3**		3.8	"	"	"
Potassium (7440-09-7)	**1,360**		190	"	"	"
Silver (7440-22-4)	U		1.9	"	"	"
Sodium (7440-23-5)	**608**		95.0	"	"	"
Vanadium (7440-62-2)	**20.7**		3.8	"	"	"
Zinc (7440-66-6)	**138**		3.8	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-02 **Station ID: DC-01-03-611**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.532g
%Solids: 49.46

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		1.9	20	"	09/04/12
Arsenic (7440-38-2)	**7.6**		1.9	"	"	"
Lead (7439-92-1)	**22.4**		1.9	"	"	"
Selenium (7782-49-2)	U		1.9	"	"	"
Thallium (7440-28-0)	U		1.9	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-02 **Station ID: DC-01-03-611**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.163g
%Solids: 49.46

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.099	1	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-03 **Station ID: DSE-01-120-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 5g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	53.7		107	82-120	08/09/12	08/09/12
Surr: Toluene-d8	47.7		95.5	81-116	"	"
Surr: 4-Bromofluorobenzene	51.6		103	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	750	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		100	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		100	"	"	"
Trichlorofluoromethane (75-69-4)	U		100	"	"	"
1,1-Dichloroethene (75-35-4)	U		100	"	"	"
Carbon disulfide (75-15-0)	U		100	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		100	"	"	"
Acetone (67-64-1)	U		500	"	"	"
Methylene chloride (75-09-2)	U		100	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		100	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		100	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		100	"	"	"
1,1-Dichloroethane (75-34-3)	U		100	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		100	"	"	"
1,2-Dichloroethane (107-06-2)	U		100	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		100	"	"	"
Cyclohexane (110-82-7)	**186**	**J**	100	"	"	"
Carbon tetrachloride (56-23-5)	U		100	"	"	"
Benzene (71-43-2)	U		100	"	"	"
Trichloroethene (79-01-6)	U		100	"	"	"
Methylcyclohexane (108-87-2)	**1,000**	**J**	100	"	"	"
1,2-Dichloropropane (78-87-5)	U		100	"	"	"
Bromodichloromethane (75-27-4)	U		100	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		100	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-03 **Station ID: DSE-01-120-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 5g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		100	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		100	"	"	"
Dibromochloromethane (124-48-1)	U		100	"	"	"
Bromoform (75-25-2)	U		100	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**349**		100	"	"	"
Tetrachloroethene (127-18-4)	U		100	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		100	"	"	"
Chlorobenzene (108-90-7)	U		100	"	"	"
Ethylbenzene (100-41-4)	**492**		100	"	"	"
meta-/para-Xylene (na)	**2,100**		200	"	"	"
ortho-Xylene (95-47-6)	**977**		100	"	"	"
Styrene (100-42-5)	U		100	"	"	"
Isopropylbenzene (98-82-8)	**324**		100	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		100	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		100	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		100	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		100	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

kws

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-03 **Station ID: DSE-01-120-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.105g
%Solids: 66.17

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	53,600		99.5	38-101	08/10/12	08/17/12
Surr: Phenol-d5	38,400		71.2	42-105	"	"
Surr: 2-Chlorophenol-d4	36,700		68.2	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	27,600		76.8	37-100	"	"
Surr: Nitrobenzene-d5	37,200		104	42-108	"	"
Surr: 2-Fluorobiphenyl	40,000		111 #	51-103	"	"
Surr: 2,4,6-Tribromophenol	49,000		90.9	55-115	"	"
Surr: Terphenyl-d14	25,400		70.7	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**6,070**	**J**	1,440	1	08/10/12	08/17/12
Acenaphthylene (208-96-8)	U		1,440	"	"	"
Acetophenone (98-86-2)	U		3,590	"	"	"
Anthracene (120-12-7)	**3,470**		1,440	"	"	"
Atrazine (1912-24-9)	U		3,590	"	"	"
Benzaldehyde (100-52-7)	U		3,590	"	"	"
Benzoic acid (65-85-0)	U		7,180	"	"	"
Benzo (a) anthracene (56-55-3)	U		3,590	"	"	"
Benzo (a) pyrene (50-32-8)	U		3,590	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		3,590	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		3,590	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		3,590	"	"	"
Benzyl alcohol (100-51-6)	U		3,590	"	"	"
1,1'-Biphenyl (92-52-4)	**14,700**	**J**	3,590	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		3,590	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		3,590	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		3,590	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		3,590	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		3,590	"	"	"
Butyl benzyl phthalate (85-68-7)	U		3,590	"	"	"
Carbazole (86-74-8)	U		3,590	"	"	"
Caprolactam (105-60-2)	U		3,590	"	"	"
4-Chloroaniline (106-47-8)	U		3,590	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-03 **Station ID: DSE-01-120-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.105g
%Solids: 66.17

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		3,590	1	08/10/12	08/17/12
2-Chlorophenol (95-57-8)	U		3,590	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		3,590	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		3,590	"	"	"
Chrysene (218-01-9)	U		3,590	"	"	"
Dibenzofuran (132-64-9)	**10,300**	**J**	3,590	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		3,590	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		3,590	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		3,590	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		3,590	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		3,590	"	"	"
2,4-Dichlorophenol (120-83-2)	U		3,590	"	"	"
Diethyl phthalate (84-66-2)	U		3,590	"	"	"
2,4-Dimethylphenol (105-67-9)	U		3,590	"	"	"
Dimethyl phthalate (131-11-3)	U		3,590	"	"	"
2,4-Dinitrophenol (51-28-5)	U		14,400	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		3,590	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		3,590	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		14,400	"	"	"
Di-n-butyl phthalate (84-74-2)	U		3,590	"	"	"
Di-n-octyl phthalate (117-84-0)	U		3,590	"	"	"
Fluoranthene (206-44-0)	U		1,440	"	"	"
Fluorene (86-73-7)	**14,900**		14,400	10	"	08/15/12
Hexachlorobenzene (118-74-1)	U		3,590	1	"	08/17/12
Hexachlorobutadiene (87-68-3)	U		3,590	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		3,590	"	"	"
Hexachloroethane (67-72-1)	U		3,590	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		3,590	"	"	"
Isophorone (78-59-1)	U		3,590	"	"	"
2-Methylnaphthalene (91-57-6)	**213,000**		14,400	10	"	08/15/12
2-Methylphenol (95-48-7)	U		3,590	1	"	08/17/12
3 &/or 4-Methylphenol (106-44-5)	U		3,590	"	"	"
Naphthalene (91-20-3)	**44,200**		1,440	"	"	"
2-Nitroaniline (88-74-4)	U		5,740	"	"	"
3-Nitroaniline (99-09-2)	U		5,740	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-03 **Station ID: DSE-01-120-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.105g
%Solids: 66.17

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		5,740	1	08/10/12	08/17/12
Nitrobenzene (98-95-3)	U		3,590	"	"	"
2-Nitrophenol (88-75-5)	U		3,590	"	"	"
4-Nitrophenol (100-02-7)	U		9,330	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		3,590	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		3,590	"	"	"
Pentachlorophenol (87-86-5)	U		3,590	"	"	"
Phenanthrene (85-01-8)	**33,400**		1,440	"	"	"
Phenol (108-95-2)	U		3,590	"	"	"
Pyrene (129-00-0)	**1,550**		1,440	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		3,590	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		3,590	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		3,590	"	"	"

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208005-03 **Station ID: DSE-01-120-413**

Batch: B2H1001
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 5.251g
%Solids: 66.17

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	39.5		54.8	41-112	08/10/12	08/23/12
Surr: Decachlorobiphenyl	65.1		90.5	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		2.88	1	08/10/12	08/16/12
alpha-BHC (319-84-6)	U		2.88	"	"	08/23/12
beta-BHC (319-85-7)	U		2.88	"	"	"
delta-BHC (319-86-8)	U		2.88	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		2.88	"	"	"
4,4´-DDD (72-54-8)	U		2.88	"	"	"
4,4´-DDE (72-55-9)	**34.1**		2.88	"	"	"
4,4´-DDT (50-29-3)	U	RL	5.76	"	"	"
Dieldrin (60-57-1)	U		2.88	"	"	08/16/12
Endosulfan I (959-98-8)	U		2.88	"	"	"
Endosulfan II (33213-65-9)	U		2.88	"	"	"
Endosulfan sulfate (1031-07-8)	U		2.88	"	"	"
Endrin (72-20-8)	U		2.88	"	"	"
Endrin aldehyde (7421-93-4)	U	RL	13.0	"	"	"
Endrin ketone (53494-70-5)	U		2.88	"	"	"
Heptachlor (76-44-8)	U	RL	4.32	"	"	08/23/12
Heptachlor epoxide (1024-57-3)	U		2.88	"	"	08/16/12
Methoxychlor (72-43-5)	U	RL	7.20	"	"	"
alpha-Chlordane (5103-71-9)	U		2.88	"	"	08/23/12
gamma-Chlordane (5103-74-2)	U		2.88	"	"	"
Toxaphene (8001-35-2)	U		86.3	"	"	08/22/12
Aroclor-1016 (12674-11-2)	U		57.6	"	"	"
Aroclor-1221 (11104-28-2)	U		115	"	"	"
Aroclor-1232 (11141-16-5)	U		57.6	"	"	"
Aroclor-1242 (53469-21-9)	U		57.6	"	"	"
Aroclor-1248 (12672-29-6)	U		57.6	"	"	"
Aroclor-1254 (11097-69-1)	U		57.6	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U		57.6	"	"	08/22/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-03 **Station ID: DSE-01-120-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.537g
%Solids: 66.17

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**7,310**		14.1	1	08/22/12	08/31/12
Barium (7440-39-3)	**1,060**		1.4	"	"	"
Beryllium (7440-41-7)	U		0.7	"	"	"
Cadmium (7440-43-9)	**1.5**		0.7	"	"	"
Calcium (7440-70-2)	**14,300**		21.1	"	"	"
Chromium (7440-47-3)	**96.2**		1.4	"	"	"
Cobalt (7440-48-4)	**9.2**		2.8	"	"	"
Copper (7440-50-8)	**36.0**		2.8	"	"	"
Iron (7439-89-6)	**17,000**		3.5	"	"	"
Magnesium (7439-95-4)	**4,070**		21.1	"	"	"
Manganese (7439-96-5)	**465**		0.7	"	"	"
Nickel (7440-02-2)	**18.5**		2.8	"	"	"
Potassium (7440-09-7)	**1,270**		141	"	"	"
Silver (7440-22-4)	U		1.4	"	"	"
Sodium (7440-23-5)	**1,990**		70.4	"	"	"
Vanadium (7440-62-2)	**21.3**		2.8	"	"	"
Zinc (7440-66-6)	**361**		2.8	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-03 **Station ID: DSE-01-120-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.537g
%Solids: 66.17

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**1.9**		1.4	20	"	09/04/12
Arsenic (7440-38-2)	**26.3**		1.4	"	"	"
Lead (7439-92-1)	**310**		1.4	"	"	"
Selenium (7782-49-2)	U		1.4	"	"	"
Thallium (7440-28-0)	U		1.4	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-03 **Station ID: DSE-01-120-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.149g
%Solids: 66.17

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.609**		0.081	1	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-04 **Station ID: DSE-01-144-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 5.006g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	48.5		97.0	82-120	08/09/12	08/09/12
Surr: Toluene-d8	47.2		94.5	81-116	"	"
Surr: 4-Bromofluorobenzene	50.4		101	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	749	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		99.9	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		99.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		99.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		99.9	"	"	"
Carbon disulfide (75-15-0)	U		99.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		99.9	"	"	"
Acetone (67-64-1)	U		499	"	"	"
Methylene chloride (75-09-2)	U		99.9	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		99.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		99.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		99.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		99.9	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		99.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		99.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		99.9	"	"	"
Cyclohexane (110-82-7)	U		99.9	"	"	"
Carbon tetrachloride (56-23-5)	U		99.9	"	"	"
Benzene (71-43-2)	U		99.9	"	"	"
Trichloroethene (79-01-6)	U		99.9	"	"	"
Methylcyclohexane (108-87-2)	U		99.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		99.9	"	"	"
Bromodichloromethane (75-27-4)	U		99.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		99.9	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-04 **Station ID: DSE-01-144-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 5.006g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		99.9	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		99.9	"	"	"
Dibromochloromethane (124-48-1)	U		99.9	"	"	"
Bromoform (75-25-2)	U		99.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	U		99.9	"	"	"
Tetrachloroethene (127-18-4)	U		99.9	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		99.9	"	"	"
Chlorobenzene (108-90-7)	U		99.9	"	"	"
Ethylbenzene (100-41-4)	U		99.9	"	"	"
meta-/para-Xylene (na)	U		200	"	"	"
ortho-Xylene (95-47-6)	U		99.9	"	"	"
Styrene (100-42-5)	U		99.9	"	"	"
Isopropylbenzene (98-82-8)	U		99.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		99.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		99.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		99.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		99.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-04 **Station ID: DSE-01-144-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 10.138g
%Solids: 59.83

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	5,400		43.7	38-101	08/10/12	08/13/12
Surr: Phenol-d5	6,650		53.8	42-105	"	"
Surr: 2-Chlorophenol-d4	5,550		44.9	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	3,430		41.6	37-100	"	"
Surr: Nitrobenzene-d5	4,270		51.8	42-108	"	"
Surr: 2-Fluorobiphenyl	6,390		77.5	51-103	"	"
Surr: 2,4,6-Tribromophenol	12,400		100	55-115	"	"
Surr: Terphenyl-d14	5,960		72.3	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**540**		330	1	08/10/12	08/13/12
Acenaphthylene (208-96-8)	U		330	"	"	"
Acetophenone (98-86-2)	U		824	"	"	"
Anthracene (120-12-7)	U		330	"	"	"
Atrazine (1912-24-9)	U		824	"	"	"
Benzaldehyde (100-52-7)	U		824	"	"	"
Benzoic acid (65-85-0)	U		1,650	"	"	"
Benzo (a) anthracene (56-55-3)	U		824	"	"	"
Benzo (a) pyrene (50-32-8)	U		824	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		824	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		824	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		824	"	"	"
Benzyl alcohol (100-51-6)	U		824	"	"	"
1,1'-Biphenyl (92-52-4)	U		824	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		824	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		824	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		824	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		824	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		824	"	"	"
Butyl benzyl phthalate (85-68-7)	U		824	"	"	"
Carbazole (86-74-8)	U		824	"	"	"
Caprolactam (105-60-2)	U		824	"	"	"
4-Chloroaniline (106-47-8)	U		824	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-04 **Station ID: DSE-01-144-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 10.138g
%Solids: 59.83

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		824	1	08/10/12	08/13/12
2-Chlorophenol (95-57-8)	U		824	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		824	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		824	"	"	"
Chrysene (218-01-9)	U		824	"	"	"
Dibenzofuran (132-64-9)	U		824	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		824	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		824	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		824	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		824	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		824	"	"	"
2,4-Dichlorophenol (120-83-2)	U		824	"	"	"
Diethyl phthalate (84-66-2)	U		824	"	"	"
2,4-Dimethylphenol (105-67-9)	U		824	"	"	"
Dimethyl phthalate (131-11-3)	U		824	"	"	"
2,4-Dinitrophenol (51-28-5)	U		3,300	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		824	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		824	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		3,300	"	"	"
Di-n-butyl phthalate (84-74-2)	U		824	"	"	"
Di-n-octyl phthalate (117-84-0)	U		824	"	"	"
Fluoranthene (206-44-0)	U		330	"	"	"
Fluorene (86-73-7)	**745**	**J**	330	"	"	"
Hexachlorobenzene (118-74-1)	U		824	"	"	"
Hexachlorobutadiene (87-68-3)	U		824	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		824	"	"	"
Hexachloroethane (67-72-1)	U		824	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		824	"	"	"
Isophorone (78-59-1)	U		824	"	"	"
2-Methylnaphthalene (91-57-6)	**5,160**	**J**	330	"	"	"
2-Methylphenol (95-48-7)	U		824	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		824	"	"	"
Naphthalene (91-20-3)	**564**	**J**	330	"	"	"
2-Nitroaniline (88-74-4)	U		1,320	"	"	"
3-Nitroaniline (99-09-2)	U		1,320	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-04 **Station ID: DSE-01-144-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 10.138g
%Solids: 59.83

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		1,320	1	08/10/12	08/13/12
Nitrobenzene (98-95-3)	U		824	"	"	"
2-Nitrophenol (88-75-5)	U		824	"	"	"
4-Nitrophenol (100-02-7)	U		2,140	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		824	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		824	"	"	"
Pentachlorophenol (87-86-5)	U		824	"	"	"
Phenanthrene (85-01-8)	**1,970**		330	"	"	"
Phenol (108-95-2)	U		824	"	"	"
Pyrene (129-00-0)	U		330	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		824	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		824	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		824	"	"	"

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208005-04 **Station ID: DSE-01-144-413**

Batch: B2H1001
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 10.295g
%Solids: 59.83

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	25.1		61.9	41-112	08/10/12	08/23/12
Surr: Decachlorobiphenyl	34.6		85.1	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		1.62	1	08/10/12	08/16/12
alpha-BHC (319-84-6)	U		1.62	"	"	08/23/12
beta-BHC (319-85-7)	U		1.62	"	"	"
delta-BHC (319-86-8)	U		1.62	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		1.62	"	"	"
4,4´-DDD (72-54-8)	U		1.62	"	"	"
4,4´-DDE (72-55-9)	**1.71**		1.62	"	"	"
4,4´-DDT (50-29-3)	U		1.62	"	"	"
Dieldrin (60-57-1)	U		1.62	"	"	08/16/12
Endosulfan I (959-98-8)	U		1.62	"	"	"
Endosulfan II (33213-65-9)	U		1.62	"	"	"
Endosulfan sulfate (1031-07-8)	U		1.62	"	"	"
Endrin (72-20-8)	U		1.62	"	"	"
Endrin aldehyde (7421-93-4)	U	RL	4.87	"	"	"
Endrin ketone (53494-70-5)	U		1.62	"	"	"
Heptachlor (76-44-8)	U		1.62	"	"	08/23/12
Heptachlor epoxide (1024-57-3)	U		1.62	"	"	08/16/12
Methoxychlor (72-43-5)	U	RL	4.06	"	"	"
alpha-Chlordane (5103-71-9)	U		1.62	"	"	08/23/12
gamma-Chlordane (5103-74-2)	U		1.62	"	"	"
Toxaphene (8001-35-2)	U		48.7	"	"	"
Aroclor-1016 (12674-11-2)	U		32.5	"	"	"
Aroclor-1221 (11104-28-2)	U		64.9	"	"	"
Aroclor-1232 (11141-16-5)	U		32.5	"	"	"
Aroclor-1242 (53469-21-9)	U		32.5	"	"	"
Aroclor-1248 (12672-29-6)	U		32.5	"	"	"
Aroclor-1254 (11097-69-1)	**38.6**		32.5	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U		32.5	"	"	08/23/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-04 **Station ID: DSE-01-144-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.541g
%Solids: 59.83

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**8,510**		15.4	1	08/22/12	08/31/12
Barium (7440-39-3)	**1,410**		1.5	"	"	"
Beryllium (7440-41-7)	**0.9**		0.8	"	"	"
Cadmium (7440-43-9)	U		0.8	"	"	"
Calcium (7440-70-2)	**7,620**		23.2	"	"	"
Chromium (7440-47-3)	**17.3**		1.5	"	"	"
Cobalt (7440-48-4)	**11.2**		3.1	"	"	"
Copper (7440-50-8)	**34.5**		3.1	"	"	"
Iron (7439-89-6)	**16,300**		3.9	"	"	"
Magnesium (7439-95-4)	**4,770**		23.2	"	"	"
Manganese (7439-96-5)	**358**		0.8	"	"	"
Nickel (7440-02-2)	**23.2**		3.1	"	"	"
Potassium (7440-09-7)	**1,340**		154	"	"	"
Silver (7440-22-4)	U		1.5	"	"	"
Sodium (7440-23-5)	**1,980**		77.2	"	"	"
Vanadium (7440-62-2)	**25.4**		3.1	"	"	"
Zinc (7440-66-6)	**124**		3.1	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-04 **Station ID: DSE-01-144-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.541g
%Solids: 59.83

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**1.8**		1.5	20	"	09/04/12
Arsenic (7440-38-2)	**37.3**		1.5	"	"	"
Lead (7439-92-1)	**131**		1.5	"	"	"
Selenium (7782-49-2)	U		1.5	"	"	"
Thallium (7440-28-0)	U		1.5	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-04 **Station ID: DSE-01-144-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.128g
%Solids: 59.83

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.142**		0.104	1	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-05 **Station ID: DSE-01-24-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 5.007g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	51.3		103	82-120	08/09/12	08/09/12
Surr: Toluene-d8	47.9		95.8	81-116	"	"
Surr: 4-Bromofluorobenzene	50.4		101	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	749	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		99.9	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		99.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		99.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		99.9	"	"	"
Carbon disulfide (75-15-0)	U		99.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		99.9	"	"	"
Acetone (67-64-1)	U		499	"	"	"
Methylene chloride (75-09-2)	U		99.9	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		99.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		99.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		99.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		99.9	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		99.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		99.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		99.9	"	"	"
Cyclohexane (110-82-7)	**230**	**J**	99.9	"	"	"
Carbon tetrachloride (56-23-5)	U		99.9	"	"	"
Benzene (71-43-2)	U		99.9	"	"	"
Trichloroethene (79-01-6)	U		99.9	"	"	"
Methylcyclohexane (108-87-2)	**1,640**	**J**	99.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		99.9	"	"	"
Bromodichloromethane (75-27-4)	U		99.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		99.9	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-05 **Station ID: DSE-01-24-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 5.007g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		99.9	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		99.9	"	"	"
Dibromochloromethane (124-48-1)	U		99.9	"	"	"
Bromoform (75-25-2)	U		99.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**641**		99.9	"	"	"
Tetrachloroethene (127-18-4)	U		99.9	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		99.9	"	"	"
Chlorobenzene (108-90-7)	U		99.9	"	"	"
Ethylbenzene (100-41-4)	**858**		99.9	"	"	"
meta-/para-Xylene (na)	**3,900**		200	"	"	"
ortho-Xylene (95-47-6)	**2,100**		99.9	"	"	"
Styrene (100-42-5)	U		99.9	"	"	"
Isopropylbenzene (98-82-8)	**456**		99.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		99.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		99.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		99.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		99.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

kws

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-05 **Station ID: DSE-01-24-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.429g
%Solids: 72.03

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	36,600		85.4	38-101	08/10/12	08/17/12
Surr: Phenol-d5	26,400		61.6	42-105	"	"
Surr: 2-Chlorophenol-d4	26,000		60.7	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	20,400		71.5	37-100	"	"
Surr: Nitrobenzene-d5	25,900		90.5	42-108	"	"
Surr: 2-Fluorobiphenyl	30,500		107 #	51-103	"	"
Surr: 2,4,6-Tribromophenol	45,900		107	55-115	"	"
Surr: Terphenyl-d14	20,000		70.1	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**6,390**	**J**	1,140	1	08/10/12	08/17/12
Acenaphthylene (208-96-8)	U		1,140	"	"	"
Acetophenone (98-86-2)	U		2,860	"	"	"
Anthracene (120-12-7)	**1,800**		1,140	"	"	"
Atrazine (1912-24-9)	U		2,860	"	"	"
Benzaldehyde (100-52-7)	U		2,860	"	"	"
Benzoic acid (65-85-0)	U		5,720	"	"	"
Benzo (a) anthracene (56-55-3)	U		2,860	"	"	"
Benzo (a) pyrene (50-32-8)	U		2,860	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		2,860	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		2,860	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		2,860	"	"	"
Benzyl alcohol (100-51-6)	U		2,860	"	"	"
1,1'-Biphenyl (92-52-4)	**4,890**	**J**	2,860	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		2,860	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		2,860	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		2,860	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		2,860	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		2,860	"	"	"
Butyl benzyl phthalate (85-68-7)	U		2,860	"	"	"
Carbazole (86-74-8)	U		2,860	"	"	"
Caprolactam (105-60-2)	U		2,860	"	"	"
4-Chloroaniline (106-47-8)	U		2,860	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-05 **Station ID: DSE-01-24-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.429g
%Solids: 72.03

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		2,860	1	08/10/12	08/17/12
2-Chlorophenol (95-57-8)	U		2,860	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		2,860	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		2,860	"	"	"
Chrysene (218-01-9)	U		2,860	"	"	"
Dibenzofuran (132-64-9)	**5,520**	**NJ**	2,860	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		2,860	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2,860	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2,860	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2,860	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		2,860	"	"	"
2,4-Dichlorophenol (120-83-2)	U		2,860	"	"	"
Diethyl phthalate (84-66-2)	U		2,860	"	"	"
2,4-Dimethylphenol (105-67-9)	U		2,860	"	"	"
Dimethyl phthalate (131-11-3)	U		2,860	"	"	"
2,4-Dinitrophenol (51-28-5)	U		11,400	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		2,860	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		2,860	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		11,400	"	"	"
Di-n-butyl phthalate (84-74-2)	U		2,860	"	"	"
Di-n-octyl phthalate (117-84-0)	U		2,860	"	"	"
Fluoranthene (206-44-0)	U		1,140	"	"	"
Fluorene (86-73-7)	**8,550**	**J**	1,140	"	"	"
Hexachlorobenzene (118-74-1)	U		2,860	"	"	"
Hexachlorobutadiene (87-68-3)	U		2,860	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		2,860	"	"	"
Hexachloroethane (67-72-1)	U		2,860	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		2,860	"	"	"
Isophorone (78-59-1)	U		2,860	"	"	"
2-Methylnaphthalene (91-57-6)	**50,700**	**J**	1,140	"	"	"
2-Methylphenol (95-48-7)	U		2,860	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		2,860	"	"	"
Naphthalene (91-20-3)	**18,300**		1,140	"	"	"
2-Nitroaniline (88-74-4)	U		4,570	"	"	"
3-Nitroaniline (99-09-2)	U		4,570	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-05 **Station ID: DSE-01-24-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.429g
%Solids: 72.03

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		4,570	1	08/10/12	08/17/12
Nitrobenzene (98-95-3)	U		2,860	"	"	"
2-Nitrophenol (88-75-5)	U		2,860	"	"	"
4-Nitrophenol (100-02-7)	U		7,430	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		2,860	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		2,860	"	"	"
Pentachlorophenol (87-86-5)	U		2,860	"	"	"
Phenanthrene (85-01-8)	**11,900**		1,140	"	"	"
Phenol (108-95-2)	U		2,860	"	"	"
Pyrene (129-00-0)	**1,660**		1,140	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		2,860	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		2,860	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		2,860	"	"	"

BJS

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208005-05 **Station ID: DSE-01-24-413**

Batch: B2H1001
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 5.23g
%Solids: 72.03

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	35.5		53.6	41-112	08/10/12	08/23/12
Surr: Decachlorobiphenyl	65.2		98.2	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		2.65	1	08/10/12	08/16/12
alpha-BHC (319-84-6)	U		2.65	"	"	08/23/12
beta-BHC (319-85-7)	U		2.65	"	"	"
delta-BHC (319-86-8)	U		2.65	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		2.65	"	"	"
4,4´-DDD (72-54-8)	U		2.65	"	"	"
4,4´-DDE (72-55-9)	U		2.65	"	"	"
4,4´-DDT (50-29-3)	U	RL	6.64	"	"	"
Dieldrin (60-57-1)	U	RL	3.98	"	"	08/16/12
Endosulfan I (959-98-8)	U	RL	3.98	"	"	"
Endosulfan II (33213-65-9)	U	RL	6.64	"	"	"
Endosulfan sulfate (1031-07-8)	U	RL	5.31	"	"	"
Endrin (72-20-8)	U	RL	7.96	"	"	"
Endrin aldehyde (7421-93-4)	U	RL	11.9	"	"	"
Endrin ketone (53494-70-5)	U	RL	6.64	"	"	"
Heptachlor (76-44-8)	U		2.65	"	"	08/23/12
Heptachlor epoxide (1024-57-3)	U	RL	5.31	"	"	08/16/12
Methoxychlor (72-43-5)	U	RL	39.8	"	"	"
alpha-Chlordane (5103-71-9)	U		2.65	"	"	08/23/12
gamma-Chlordane (5103-74-2)	U		2.65	"	"	"
Toxaphene (8001-35-2)	U		79.6	"	"	"
Aroclor-1016 (12674-11-2)	**65.4**	**NJ**	53.1	"	"	"
Aroclor-1221 (11104-28-2)	U		106	"	"	"
Aroclor-1232 (11141-16-5)	U		53.1	"	"	"
Aroclor-1242 (53469-21-9)	U		53.1	"	"	"
Aroclor-1248 (12672-29-6)	U		53.1	"	"	"
Aroclor-1254 (11097-69-1)	**95.0**		53.1	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U		53.1	"	"	08/23/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-05 **Station ID: DSE-01-24-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.524g
%Solids: 72.03

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**4,030**		13.2	1	08/22/12	08/31/12
Barium (7440-39-3)	**683**	**J**	1.3	"	"	"
Beryllium (7440-41-7)	U		0.7	"	"	"
Cadmium (7440-43-9)	**5.8**		0.7	"	"	"
Calcium (7440-70-2)	**17,300**	**J**	19.9	"	"	"
Chromium (7440-47-3)	**327**		1.3	"	"	"
Cobalt (7440-48-4)	**7.5**		2.6	"	"	"
Copper (7440-50-8)	**73.6**		2.6	"	"	"
Iron (7439-89-6)	**16,200**		3.3	"	"	"
Magnesium (7439-95-4)	**2,390**		19.9	"	"	"
Manganese (7439-96-5)	**569**		0.7	"	"	"
Nickel (7440-02-2)	**16.3**		2.6	"	"	"
Potassium (7440-09-7)	**904**		132	"	"	"
Silver (7440-22-4)	**5.0**	**J**	1.3	"	"	"
Sodium (7440-23-5)	**467**		66.2	"	"	"
Vanadium (7440-62-2)	**14.8**		2.6	"	"	"
Zinc (7440-66-6)	**1,200**		2.6	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-05 **Station ID: DSE-01-24-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.524g
%Solids: 72.03

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**4.8**	**J**	1.3	20	"	09/04/12
Arsenic (7440-38-2)	**28.6**		1.3	"	"	"
Lead (7439-92-1)	**803**		1.3	"	"	"
Selenium (7782-49-2)	U		1.3	"	"	"
Thallium (7440-28-0)	U	J	1.3	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-05 **Station ID: DSE-01-24-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.145g
%Solids: 72.03

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**1.80**		0.077	1	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-06 **Station ID: DSE-01-48-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 5.003g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	52.9		106	82-120	08/09/12	08/09/12
Surr: Toluene-d8	49.5		99.0	81-116	"	"
Surr: 4-Bromofluorobenzene	47.7		95.5	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	750	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		99.9	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		99.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		99.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		99.9	"	"	"
Carbon disulfide (75-15-0)	U		99.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		99.9	"	"	"
Acetone (67-64-1)	**2,040**		500	"	"	"
Methylene chloride (75-09-2)	U		99.9	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		99.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		99.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		99.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		99.9	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		99.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		99.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		99.9	"	"	"
Cyclohexane (110-82-7)	**1,900**	**J**	99.9	"	"	"
Carbon tetrachloride (56-23-5)	U		99.9	"	"	"
Benzene (71-43-2)	**860**		99.9	"	"	"
Trichloroethene (79-01-6)	U		99.9	"	"	"
Methylcyclohexane (108-87-2)	**5,690**	**J**	200	100	"	08/10/12
1,2-Dichloropropane (78-87-5)	U		99.9	50	"	08/09/12
Bromodichloromethane (75-27-4)	U		99.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		99.9	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-06 **Station ID: DSE-01-48-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 5.003g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		99.9	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		99.9	"	"	"
Dibromochloromethane (124-48-1)	U		99.9	"	"	"
Bromoform (75-25-2)	U		99.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**5,940**		99.9	"	"	"
Tetrachloroethene (127-18-4)	U		99.9	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		99.9	"	"	"
Chlorobenzene (108-90-7)	U		99.9	"	"	"
Ethylbenzene (100-41-4)	**6,040**		99.9	"	"	"
meta-/para-Xylene (na)	**20,300**		400	100	"	08/10/12
ortho-Xylene (95-47-6)	**9,940**		200	"	"	"
Styrene (100-42-5)	U		99.9	50	"	08/09/12
Isopropylbenzene (98-82-8)	**2,360**		99.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		99.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		99.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		99.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		99.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-06 **Station ID: DSE-01-48-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.125g
%Solids: 71.72

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	20,100		40.8	38-101	08/10/12	08/13/12
Surr: Phenol-d5	26,600		54.0	42-105	"	"
Surr: 2-Chlorophenol-d4	26,900		54.6	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	17,500		53.3	37-100	"	"
Surr: Nitrobenzene-d5	36,300		111 #	42-108	"	"
Surr: 2-Fluorobiphenyl	29,800		90.8	51-103	"	"
Surr: 2,4,6-Tribromophenol	48,500		98.5	55-115	"	"
Surr: Terphenyl-d14	25,000		76.2	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**20,100**		13,100	10	08/10/12	08/15/12
Acenaphthylene (208-96-8)	U		1,310	1	"	08/13/12
Acetophenone (98-86-2)	U		3,280	"	"	"
Anthracene (120-12-7)	**6,800**	**J**	1,310	"	"	"
Atrazine (1912-24-9)	U		3,280	"	"	"
Benzaldehyde (100-52-7)	U		3,280	"	"	"
Benzoic acid (65-85-0)	U		6,560	"	"	"
Benzo (a) anthracene (56-55-3)	U		3,280	"	"	"
Benzo (a) pyrene (50-32-8)	U		3,280	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		3,280	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		3,280	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		3,280	"	"	"
Benzyl alcohol (100-51-6)	U		3,280	"	"	"
1,1'-Biphenyl (92-52-4)	**49,900**		32,800	10	"	08/15/12
Bis(2-chloroethoxy)methane (111-91-1)	U		3,280	1	"	08/13/12
Bis(2-chloroethyl)ether (111-44-4)	U		3,280	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		3,280	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		3,280	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		3,280	"	"	"
Butyl benzyl phthalate (85-68-7)	U		3,280	"	"	"
Carbazole (86-74-8)	U		3,280	"	"	"
Caprolactam (105-60-2)	U		3,280	"	"	"
4-Chloroaniline (106-47-8)	U		3,280	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-06 **Station ID: DSE-01-48-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.125g
%Solids: 71.72

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		3,280	1	08/10/12	08/13/12
2-Chlorophenol (95-57-8)	U		3,280	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		3,280	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		3,280	"	"	"
Chrysene (218-01-9)	U		3,280	"	"	"
Dibenzofuran (132-64-9)	**22,500**		19,700	10	"	08/15/12
Dibenz (a,h) anthracene (53-70-3)	U		3,280	1	"	08/13/12
1,2-Dichlorobenzene (95-50-1)	U		3,280	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		3,280	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		3,280	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		3,280	"	"	"
2,4-Dichlorophenol (120-83-2)	U		3,280	"	"	"
Diethyl phthalate (84-66-2)	U		3,280	"	"	"
2,4-Dimethylphenol (105-67-9)	U		3,280	"	"	"
Dimethyl phthalate (131-11-3)	U		3,280	"	"	"
2,4-Dinitrophenol (51-28-5)	U		13,100	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		3,280	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		3,280	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		13,100	"	"	"
Di-n-butyl phthalate (84-74-2)	U		3,280	"	"	"
Di-n-octyl phthalate (117-84-0)	U		3,280	"	"	"
Fluoranthene (206-44-0)	**3,700**	**J**	1,310	"	"	"
Fluorene (86-73-7)	**38,300**		13,100	10	"	08/15/12
Hexachlorobenzene (118-74-1)	U		3,280	1	"	08/13/12
Hexachlorobutadiene (87-68-3)	U		3,280	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		3,280	"	"	"
Hexachloroethane (67-72-1)	U		3,280	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		3,280	"	"	"
Isophorone (78-59-1)	U		3,280	"	"	"
2-Methylnaphthalene (91-57-6)	**593,000**		13,100	10	"	08/15/12
2-Methylphenol (95-48-7)	U		3,280	1	"	08/13/12
3 &/or 4-Methylphenol (106-44-5)	U		3,280	"	"	"
Naphthalene (91-20-3)	**184,000**		13,100	10	"	08/15/12
2-Nitroaniline (88-74-4)	U		5,250	1	"	08/13/12
3-Nitroaniline (99-09-2)	U		5,250	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-06 **Station ID: DSE-01-48-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.125g
%Solids: 71.72

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		5,250	1	08/10/12	08/13/12
Nitrobenzene (98-95-3)	U		3,280	"	"	"
2-Nitrophenol (88-75-5)	U		3,280	"	"	"
4-Nitrophenol (100-02-7)	U		8,530	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		3,280	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		3,280	"	"	"
Pentachlorophenol (87-86-5)	U		3,280	"	"	"
Phenanthrene (85-01-8)	**89,200**		13,100	10	"	08/15/12
Phenol (108-95-2)	U		3,280	1	"	08/13/12
Pyrene (129-00-0)	**3,410**		1,310	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		3,280	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		3,280	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		3,280	"	"	"

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208005-06 **Station ID: DSE-01-48-413**

Batch: B2H1001
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 5.287g
%Solids: 71.72

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	30.9		46.9	41-112	08/10/12	08/17/12
Surr: Decachlorobiphenyl	72.2		110	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		26.4	10	08/10/12	08/17/12
alpha-BHC (319-84-6)	U		26.4	"	"	"
beta-BHC (319-85-7)	U		26.4	"	"	"
delta-BHC (319-86-8)	U		26.4	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		26.4	"	"	"
4,4´-DDD (72-54-8)	U		26.4	"	"	"
4,4´-DDE (72-55-9)	U		26.4	"	"	"
4,4´-DDT (50-29-3)	U		26.4	"	"	"
Dieldrin (60-57-1)	U		26.4	"	"	"
Endosulfan I (959-98-8)	U		26.4	"	"	"
Endosulfan II (33213-65-9)	U		26.4	"	"	"
Endosulfan sulfate (1031-07-8)	U		26.4	"	"	"
Endrin (72-20-8)	U		26.4	"	"	"
Endrin aldehyde (7421-93-4)	U		26.4	"	"	"
Endrin ketone (53494-70-5)	U		26.4	"	"	"
Heptachlor (76-44-8)	U		26.4	"	"	"
Heptachlor epoxide (1024-57-3)	U		26.4	"	"	"
Methoxychlor (72-43-5)	U	RL	39.6	"	"	"
alpha-Chlordane (5103-71-9)	U		26.4	"	"	"
gamma-Chlordane (5103-74-2)	U		26.4	"	"	"
Toxaphene (8001-35-2)	U		791	"	"	"
Aroclor-1016 (12674-11-2)	**80.3**	**NJ**	52.7	1	"	08/23/12
Aroclor-1221 (11104-28-2)	U		105	"	"	"
Aroclor-1232 (11141-16-5)	U		52.7	"	"	"
Aroclor-1242 (53469-21-9)	U		52.7	"	"	"
Aroclor-1248 (12672-29-6)	U		52.7	"	"	"
Aroclor-1254 (11097-69-1)	U		52.7	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U		52.7	"	"	08/23/12

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-06 **Station ID: DSE-01-48-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.534g
%Solids: 71.72

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**3,520**		13.1	1	08/22/12	08/31/12
Barium (7440-39-3)	**635**		1.3	"	"	"
Beryllium (7440-41-7)	U		0.7	"	"	"
Cadmium (7440-43-9)	**6.0**		0.7	"	"	"
Calcium (7440-70-2)	**19,500**		19.6	"	"	"
Chromium (7440-47-3)	**296**		1.3	"	"	"
Cobalt (7440-48-4)	**5.2**		2.6	"	"	"
Copper (7440-50-8)	**73.5**		2.6	"	"	"
Iron (7439-89-6)	**13,500**		3.3	"	"	"
Magnesium (7439-95-4)	**2,140**		19.6	"	"	"
Manganese (7439-96-5)	**501**		0.7	"	"	"
Nickel (7440-02-2)	**12.8**		2.6	"	"	"
Potassium (7440-09-7)	**871**		131	"	"	"
Silver (7440-22-4)	**3.3**	**K**	1.3	"	"	"
Sodium (7440-23-5)	**2,150**		65.3	"	"	"
Vanadium (7440-62-2)	**13.3**		2.6	"	"	"
Zinc (7440-66-6)	**1,200**		2.6	"	"	"

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-06 **Station ID: DSE-01-48-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.534g
%Solids: 71.72

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**6.5**		1.3	20	"	09/04/12
Arsenic (7440-38-2)	**26.9**		1.3	"	"	"
Lead (7439-92-1)	**733**		1.3	"	"	"
Selenium (7782-49-2)	U		1.3	"	"	"
Thallium (7440-28-0)	U		1.3	"	"	"

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-06 **Station ID: DSE-01-48-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.143g
%Solids: 71.72

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**2.07**		0.156	2	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-07 **Station ID: DSE-01-72-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 4.998g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	51.0		102	82-120	08/09/12	08/09/12
Surr: Toluene-d8	48.2		96.3	81-116	"	"
Surr: 4-Bromofluorobenzene	46.7		93.3	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	750	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		100	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		100	"	"	"
Trichlorofluoromethane (75-69-4)	U		100	"	"	"
1,1-Dichloroethene (75-35-4)	U		100	"	"	"
Carbon disulfide (75-15-0)	U		100	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		100	"	"	"
Acetone (67-64-1)	**1,400**		500	"	"	"
Methylene chloride (75-09-2)	U		100	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		100	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		100	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		100	"	"	"
1,1-Dichloroethane (75-34-3)	U		100	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		100	"	"	"
1,2-Dichloroethane (107-06-2)	U		100	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		100	"	"	"
Cyclohexane (110-82-7)	**1,340**	**J**	100	"	"	"
Carbon tetrachloride (56-23-5)	U		100	"	"	"
Benzene (71-43-2)	**584**		100	"	"	"
Trichloroethene (79-01-6)	U		100	"	"	"
Methylcyclohexane (108-87-2)	**7,780**	**J**	100	"	"	"
1,2-Dichloropropane (78-87-5)	U		100	"	"	"
Bromodichloromethane (75-27-4)	U		100	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		100	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-07 **Station ID: DSE-01-72-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 4.998g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		100	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		100	"	"	"
Dibromochloromethane (124-48-1)	U		100	"	"	"
Bromoform (75-25-2)	U		100	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**3,850**		100	"	"	"
Tetrachloroethene (127-18-4)	U		100	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		100	"	"	"
Chlorobenzene (108-90-7)	U		100	"	"	"
Ethylbenzene (100-41-4)	**3,970**		100	"	"	"
meta-/para-Xylene (na)	**16,500**		200	"	"	"
ortho-Xylene (95-47-6)	**8,200**		100	"	"	"
Styrene (100-42-5)	U		100	"	"	"
Isopropylbenzene (98-82-8)	**1,550**		100	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		100	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		100	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		100	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		100	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-07 **Station ID: DSE-01-72-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.075g
%Solids: 71.39

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	27,600		54.6	38-101	08/10/12	08/13/12
Surr: Phenol-d5	37,000		73.0	42-105	"	"
Surr: 2-Chlorophenol-d4	30,000		59.2	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	20,100		59.6	37-100	"	"
Surr: Nitrobenzene-d5	37,700		112 #	42-108	"	"
Surr: 2-Fluorobiphenyl	27,300		81.0	51-103	"	"
Surr: 2,4,6-Tribromophenol	55,900		110	55-115	"	"
Surr: Terphenyl-d14	33,100		98.2	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**19,100**		13,500	10	08/10/12	08/15/12
Acenaphthylene (208-96-8)	U		1,350	1	"	08/13/12
Acetophenone (98-86-2)	U		3,380	"	"	"
Anthracene (120-12-7)	**4,840**	**J**	1,350	"	"	"
Atrazine (1912-24-9)	U		3,380	"	"	"
Benzaldehyde (100-52-7)	U		3,380	"	"	"
Benzoic acid (65-85-0)	U		6,750	"	"	"
Benzo (a) anthracene (56-55-3)	U		3,380	"	"	"
Benzo (a) pyrene (50-32-8)	U		3,380	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		3,380	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		3,380	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		3,380	"	"	"
Benzyl alcohol (100-51-6)	U		3,380	"	"	"
1,1'-Biphenyl (92-52-4)	**36,100**		33,800	10	"	08/15/12
Bis(2-chloroethoxy)methane (111-91-1)	U		3,380	1	"	08/13/12
Bis(2-chloroethyl)ether (111-44-4)	U		3,380	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		3,380	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		3,380	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		3,380	"	"	"
Butyl benzyl phthalate (85-68-7)	U		3,380	"	"	"
Carbazole (86-74-8)	U		3,380	"	"	"
Caprolactam (105-60-2)	U		3,380	"	"	"
4-Chloroaniline (106-47-8)	U		3,380	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-07 **Station ID: DSE-01-72-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.075g
%Solids: 71.39

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		3,380	1	08/10/12	08/13/12
2-Chlorophenol (95-57-8)	U		3,380	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		3,380	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		3,380	"	"	"
Chrysene (218-01-9)	U		3,380	"	"	"
Dibenzofuran (132-64-9)	**17,500**		13,500	10	"	08/15/12
Dibenz (a,h) anthracene (53-70-3)	U		3,380	1	"	08/13/12
1,2-Dichlorobenzene (95-50-1)	U		3,380	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		3,380	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		3,380	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		3,380	"	"	"
2,4-Dichlorophenol (120-83-2)	U		3,380	"	"	"
Diethyl phthalate (84-66-2)	U		3,380	"	"	"
2,4-Dimethylphenol (105-67-9)	U		3,380	"	"	"
Dimethyl phthalate (131-11-3)	U		3,380	"	"	"
2,4-Dinitrophenol (51-28-5)	U		13,500	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		3,380	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		3,380	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		13,500	"	"	"
Di-n-butyl phthalate (84-74-2)	U		3,380	"	"	"
Di-n-octyl phthalate (117-84-0)	U		3,380	"	"	"
Fluoranthene (206-44-0)	**2,040**	**J**	1,350	"	"	"
Fluorene (86-73-7)	**30,300**		13,500	10	"	08/15/12
Hexachlorobenzene (118-74-1)	U		3,380	1	"	08/13/12
Hexachlorobutadiene (87-68-3)	U		3,380	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		3,380	"	"	"
Hexachloroethane (67-72-1)	U		3,380	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		3,380	"	"	"
Isophorone (78-59-1)	U		3,380	"	"	"
2-Methylnaphthalene (91-57-6)	**523,000**		13,500	10	"	08/15/12
2-Methylphenol (95-48-7)	U		3,380	1	"	08/13/12
3 &/or 4-Methylphenol (106-44-5)	U		3,380	"	"	"
Naphthalene (91-20-3)	**164,000**		13,500	10	"	08/15/12
2-Nitroaniline (88-74-4)	U		5,400	1	"	08/13/12
3-Nitroaniline (99-09-2)	U		5,400	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-07 **Station ID: DSE-01-72-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.075g
%Solids: 71.39

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		5,400	1	08/10/12	08/13/12
Nitrobenzene (98-95-3)	U		3,380	"	"	"
2-Nitrophenol (88-75-5)	U		3,380	"	"	"
4-Nitrophenol (100-02-7)	U		8,780	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		3,380	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		3,380	"	"	"
Pentachlorophenol (87-86-5)	U		3,380	"	"	"
Phenanthrene (85-01-8)	**77,700**		13,500	10	"	08/15/12
Phenol (108-95-2)	U		3,380	1	"	08/13/12
Pyrene (129-00-0)	**3,210**		1,350	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		3,380	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		3,380	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		3,380	"	"	"

bjs

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208005-07 **Station ID: DSE-01-72-413**

Batch: B2H1001
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 5.08g
%Solids: 71.39

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	38.6		56.0	41-112	08/10/12	08/17/12
Surr: Decachlorobiphenyl	85.7		124 #	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		27.6	10	08/10/12	08/17/12
alpha-BHC (319-84-6)	U		27.6	"	"	"
beta-BHC (319-85-7)	U		27.6	"	"	"
delta-BHC (319-86-8)	U		27.6	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		27.6	"	"	"
4,4´-DDD (72-54-8)	U		27.6	"	"	"
4,4´-DDE (72-55-9)	U		27.6	"	"	"
4,4´-DDT (50-29-3)	U		27.6	"	"	"
Dieldrin (60-57-1)	U		27.6	"	"	"
Endosulfan I (959-98-8)	U		27.6	"	"	"
Endosulfan II (33213-65-9)	U		27.6	"	"	"
Endosulfan sulfate (1031-07-8)	U		27.6	"	"	"
Endrin (72-20-8)	U		27.6	"	"	"
Endrin aldehyde (7421-93-4)	U		27.6	"	"	"
Endrin ketone (53494-70-5)	U		27.6	"	"	"
Heptachlor (76-44-8)	U		27.6	"	"	"
Heptachlor epoxide (1024-57-3)	U		27.6	"	"	"
Methoxychlor (72-43-5)	U	RL	41.4	"	"	"
alpha-Chlordane (5103-71-9)	U		27.6	"	"	"
gamma-Chlordane (5103-74-2)	U		27.6	"	"	"
Toxaphene (8001-35-2)	U		827	"	"	"
Aroclor-1016 (12674-11-2)	**86.4**	**NJ**	55.2	1	"	08/23/12
Aroclor-1221 (11104-28-2)	U		110	"	"	"
Aroclor-1232 (11141-16-5)	U		55.2	"	"	"
Aroclor-1242 (53469-21-9)	U		55.2	"	"	"
Aroclor-1248 (12672-29-6)	U		55.2	"	"	"
Aroclor-1254 (11097-69-1)	U		55.2	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U		55.2	"	"	08/23/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-07 **Station ID: DSE-01-72-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.536g
%Solids: 71.39

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**5,890**		13.1	1	08/22/12	08/31/12
Barium (7440-39-3)	**1,250**		1.3	"	"	"
Beryllium (7440-41-7)	U		0.7	"	"	"
Cadmium (7440-43-9)	**2.4**		0.7	"	"	"
Calcium (7440-70-2)	**10,800**		19.6	"	"	"
Chromium (7440-47-3)	**137**		1.3	"	"	"
Cobalt (7440-48-4)	**8.9**		2.6	"	"	"
Copper (7440-50-8)	**48.8**		2.6	"	"	"
Iron (7439-89-6)	**14,300**		3.3	"	"	"
Magnesium (7439-95-4)	**3,210**		19.6	"	"	"
Manganese (7439-96-5)	**355**		0.7	"	"	"
Nickel (7440-02-2)	**16.6**		2.6	"	"	"
Potassium (7440-09-7)	**1,210**		131	"	"	"
Silver (7440-22-4)	**2.1**	**K**	1.3	"	"	"
Sodium (7440-23-5)	**2,230**		65.3	"	"	"
Vanadium (7440-62-2)	**16.6**		2.6	"	"	"
Zinc (7440-66-6)	**560**		2.6	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-07 **Station ID: DSE-01-72-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.536g
%Solids: 71.39

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**3.1**		1.3	20	"	09/04/12
Arsenic (7440-38-2)	**40.9**		1.3	"	"	"
Lead (7439-92-1)	**405**		1.3	"	"	"
Selenium (7782-49-2)	**1.3**		1.3	"	"	"
Thallium (7440-28-0)	U		1.3	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-07 **Station ID: DSE-01-72-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.143g
%Solids: 71.39

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**1.82**		0.078	1	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-08 **Station ID: DSE-01-96-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 5g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	51.1		102	82-120	08/09/12	08/09/12
Surr: Toluene-d8	47.5		95.0	81-116	"	"
Surr: 4-Bromofluorobenzene	51.6		103	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	750	50	08/09/12	08/09/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		100	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		100	"	"	"
Trichlorofluoromethane (75-69-4)	U		100	"	"	"
1,1-Dichloroethene (75-35-4)	U		100	"	"	"
Carbon disulfide (75-15-0)	U		100	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		100	"	"	"
Acetone (67-64-1)	**705**		500	"	"	"
Methylene chloride (75-09-2)	U		100	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		100	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		100	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		100	"	"	"
1,1-Dichloroethane (75-34-3)	U		100	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		100	"	"	"
1,2-Dichloroethane (107-06-2)	U		100	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		100	"	"	"
Cyclohexane (110-82-7)	**416**	**J**	100	"	"	"
Carbon tetrachloride (56-23-5)	U		100	"	"	"
Benzene (71-43-2)	**146**		100	"	"	"
Trichloroethene (79-01-6)	U		100	"	"	"
Methylcyclohexane (108-87-2)	**2,880**	**J**	100	"	"	"
1,2-Dichloropropane (78-87-5)	U		100	"	"	"
Bromodichloromethane (75-27-4)	U		100	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		100	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-08 **Station ID: DSE-01-96-413**

Batch: B2H0905 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 5g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		100	50	08/09/12	08/09/12
1,1,2-Trichloroethane (79-00-5)	U		100	"	"	"
Dibromochloromethane (124-48-1)	U		100	"	"	"
Bromoform (75-25-2)	U		100	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**828**		100	"	"	"
Tetrachloroethene (127-18-4)	U		100	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		100	"	"	"
Chlorobenzene (108-90-7)	U		100	"	"	"
Ethylbenzene (100-41-4)	**1,480**		100	"	"	"
meta-/para-Xylene (na)	**6,240**		200	"	"	"
ortho-Xylene (95-47-6)	**2,590**		100	"	"	"
Styrene (100-42-5)	U		100	"	"	"
Isopropylbenzene (98-82-8)	**780**		100	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		100	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		100	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		100	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		100	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

kws

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-08 **Station ID: DSE-01-96-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.113g
%Solids: 72.08

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	31,900		64.9	38-101	08/10/12	08/17/12
Surr: Phenol-d5	45,500		92.3	42-105	"	"
Surr: 2-Chlorophenol-d4	31,700		64.3	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	20,800		63.3	37-100	"	"
Surr: Nitrobenzene-d5	37,000		113 #	42-108	"	"
Surr: 2-Fluorobiphenyl	35,900		109 #	51-103	"	"
Surr: 2,4,6-Tribromophenol	43,600		88.5	55-115	"	"
Surr: Terphenyl-d14	28,100		85.5	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**5,040**	**J**	1,310	1	08/10/12	08/17/12
Acenaphthylene (208-96-8)	U		1,310	"	"	"
Acetophenone (98-86-2)	U		3,280	"	"	"
Anthracene (120-12-7)	**3,150**	**J**	1,310	"	"	"
Atrazine (1912-24-9)	U		3,280	"	"	"
Benzaldehyde (100-52-7)	U		3,280	"	"	"
Benzoic acid (65-85-0)	U		6,570	"	"	"
Benzo (a) anthracene (56-55-3)	U		3,280	"	"	"
Benzo (a) pyrene (50-32-8)	U		3,280	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		3,280	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		3,280	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		3,280	"	"	"
Benzyl alcohol (100-51-6)	U		3,280	"	"	"
1,1'-Biphenyl (92-52-4)	**22,200**	**J**	19,700	10	"	08/15/12
Bis(2-chloroethoxy)methane (111-91-1)	U		3,280	1	"	08/17/12
Bis(2-chloroethyl)ether (111-44-4)	U		3,280	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		3,280	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		3,280	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		3,280	"	"	"
Butyl benzyl phthalate (85-68-7)	U		3,280	"	"	"
Carbazole (86-74-8)	U		3,280	"	"	"
Caprolactam (105-60-2)	U		3,280	"	"	"
4-Chloroaniline (106-47-8)	U		3,280	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-08 **Station ID: DSE-01-96-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.113g
%Solids: 72.08

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		3,280	1	08/10/12	08/17/12
2-Chlorophenol (95-57-8)	U		3,280	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		3,280	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		3,280	"	"	"
Chrysene (218-01-9)	U		3,280	"	"	"
Dibenzofuran (132-64-9)	**19,100**	**J**	3,280	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		3,280	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		3,280	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		3,280	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		3,280	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		3,280	"	"	"
2,4-Dichlorophenol (120-83-2)	U		3,280	"	"	"
Diethyl phthalate (84-66-2)	U		3,280	"	"	"
2,4-Dimethylphenol (105-67-9)	U		3,280	"	"	"
Dimethyl phthalate (131-11-3)	U		3,280	"	"	"
2,4-Dinitrophenol (51-28-5)	U		13,100	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		3,280	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		3,280	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		13,100	"	"	"
Di-n-butyl phthalate (84-74-2)	U		3,280	"	"	"
Di-n-octyl phthalate (117-84-0)	U		3,280	"	"	"
Fluoranthene (206-44-0)	U		1,310	"	"	"
Fluorene (86-73-7)	**17,200**	**J**	13,100	10	"	08/15/12
Hexachlorobenzene (118-74-1)	U		3,280	1	"	08/17/12
Hexachlorobutadiene (87-68-3)	U		3,280	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		3,280	"	"	"
Hexachloroethane (67-72-1)	U		3,280	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		3,280	"	"	"
Isophorone (78-59-1)	U		3,280	"	"	"
2-Methylnaphthalene (91-57-6)	**310,000**		13,100	10	"	08/15/12
2-Methylphenol (95-48-7)	U		3,280	1	"	08/17/12
3 &/or 4-Methylphenol (106-44-5)	U		3,280	"	"	"
Naphthalene (91-20-3)	**86,100**		13,100	10	"	08/15/12
2-Nitroaniline (88-74-4)	U		5,250	1	"	08/17/12
3-Nitroaniline (99-09-2)	U		5,250	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208005-08 **Station ID: DSE-01-96-413**

Batch: B2H1002
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 2.113g
%Solids: 72.08

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		5,250	1	08/10/12	08/17/12
Nitrobenzene (98-95-3)	U		3,280	"	"	"
2-Nitrophenol (88-75-5)	U		3,280	"	"	"
4-Nitrophenol (100-02-7)	U		8,540	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		3,280	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		3,280	"	"	"
Pentachlorophenol (87-86-5)	U		3,280	"	"	"
Phenanthrene (85-01-8)	**43,700**		13,100	10	"	08/15/12
Phenol (108-95-2)	U		3,280	1	"	08/17/12
Pyrene (129-00-0)	**1,880**	**J**	1,310	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		3,280	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		3,280	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		3,280	"	"	"

BJS

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208005-08 **Station ID: DSE-01-96-413**

Batch: B2H1001
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 10.183g
%Solids: 72.08

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	16.8		49.3	41-112	08/10/12	08/17/12
Surr: Decachlorobiphenyl	39.3		115	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		13.6	10	08/10/12	08/17/12
alpha-BHC (319-84-6)	U		13.6	"	"	"
beta-BHC (319-85-7)	U		13.6	"	"	"
delta-BHC (319-86-8)	U		13.6	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		13.6	"	"	"
4,4´-DDD (72-54-8)	U		13.6	"	"	"
4,4´-DDE (72-55-9)	**2.03**		1.36	1	"	08/23/12
4,4´-DDT (50-29-3)	U		13.6	10	"	08/17/12
Dieldrin (60-57-1)	U		13.6	"	"	"
Endosulfan I (959-98-8)	U		13.6	"	"	"
Endosulfan II (33213-65-9)	U		13.6	"	"	"
Endosulfan sulfate (1031-07-8)	U		13.6	"	"	"
Endrin (72-20-8)	U		13.6	"	"	"
Endrin aldehyde (7421-93-4)	U		13.6	"	"	"
Endrin ketone (53494-70-5)	U		13.6	"	"	"
Heptachlor (76-44-8)	U		13.6	"	"	"
Heptachlor epoxide (1024-57-3)	U		13.6	"	"	"
Methoxychlor (72-43-5)	U	RL	20.4	"	"	"
alpha-Chlordane (5103-71-9)	U		13.6	"	"	"
gamma-Chlordane (5103-74-2)	U		13.6	"	"	"
Toxaphene (8001-35-2)	U	RL	136	1	"	08/23/12
Aroclor-1016 (12674-11-2)	U	RL	34.1	"	"	"
Aroclor-1221 (11104-28-2)	U	RL	68.1	"	"	"
Aroclor-1232 (11141-16-5)	U	RL	34.1	"	"	"
Aroclor-1242 (53469-21-9)	U	RL	34.1	"	"	"
Aroclor-1248 (12672-29-6)	U	RL	34.1	"	"	"
Aroclor-1254 (11097-69-1)	**40.7**	**NJ**	27.2	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U		27.2	"	"	08/23/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-08 **Station ID: DSE-01-96-413**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.514g
%Solids: 72.08

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**5,500**		13.5	1	08/22/12	08/31/12
Barium (7440-39-3)	**604**		1.3	"	"	"
Beryllium (7440-41-7)	U		0.7	"	"	"
Cadmium (7440-43-9)	**3.8**		0.7	"	"	"
Calcium (7440-70-2)	**12,100**		20.2	"	"	"
Chromium (7440-47-3)	**73.2**		1.3	"	"	"
Cobalt (7440-48-4)	**8.1**		2.7	"	"	"
Copper (7440-50-8)	**57.6**		2.7	"	"	"
Iron (7439-89-6)	**14,500**		3.4	"	"	"
Magnesium (7439-95-4)	**3,300**		20.2	"	"	"
Manganese (7439-96-5)	**489**		0.7	"	"	"
Nickel (7440-02-2)	**16.4**		2.7	"	"	"
Potassium (7440-09-7)	**1,020**		135	"	"	"
Silver (7440-22-4)	**2.0**	**K**	1.3	"	"	"
Sodium (7440-23-5)	**3,090**		67.5	"	"	"
Vanadium (7440-62-2)	**16.7**		2.7	"	"	"
Zinc (7440-66-6)	**723**		2.7	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-08 **Station ID: DSE-01-96-413**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.524g
%Solids: 72.08

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**5.8**		1.3	20	"	09/04/12
Arsenic (7440-38-2)	**63.5**		1.3	"	"	"
Lead (7439-92-1)	**541**		1.3	"	"	"
Selenium (7782-49-2)	U		1.3	"	"	"
Thallium (7440-28-0)	U		1.3	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-08 **Station ID: DSE-01-96-413**

Batch: B2H2206 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.136g Sample Qualifiers:
%Solids: 72.08

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**1.75**		0.082	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-09 **Station ID: HNC-01-00-112**

Batch: B2H2002 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**261**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**74.7**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**23,500**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**517**		25.0	"	"	"
Magnesium (7439-95-4)	**9,980**		150	"	"	"
Manganese (7439-96-5)	**237**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**4,090**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**31,500**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-09 **Station ID: HNC-01-00-112**

Batch: B2H2003 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.8**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-09 **Station ID: HNC-01-00-112**

Batch: B2H2404 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-10 **Station ID: HNC-02-00-112**

Batch: B2H2002 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**330**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**76.9**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**24,600**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**592**		25.0	"	"	"
Magnesium (7439-95-4)	**12,600**		150	"	"	"
Manganese (7439-96-5)	**198**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**4,640**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**53,600**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-10 **Station ID: HNC-02-00-112**

Batch: B2H2003 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**3.3**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-10 **Station ID: HNC-02-00-112**

Batch: B2H2404 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-11 **Station ID: HNC-03-00-112**

Batch: B2H2002 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**277**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**78.0**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**24,300**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**509**		25.0	"	"	"
Magnesium (7439-95-4)	**12,200**		150	"	"	"
Manganese (7439-96-5)	**198**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**4,420**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**49,700**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-11 **Station ID: HNC-03-00-112**

Batch: B2H2003 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.9**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-11 **Station ID: HNC-03-00-112**

Batch: B2H2404 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-12 **Station ID: HNC-03-03-612**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.551g
%Solids: 45.19

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**7,230**		20.1	1	08/22/12	08/31/12
Barium (7440-39-3)	**959**		2.0	"	"	"
Beryllium (7440-41-7)	U		1.0	"	"	"
Cadmium (7440-43-9)	U		1.0	"	"	"
Calcium (7440-70-2)	**14,500**		30.1	"	"	"
Chromium (7440-47-3)	**8.7**		2.0	"	"	"
Cobalt (7440-48-4)	**10.1**		4.0	"	"	"
Copper (7440-50-8)	**18.5**		4.0	"	"	"
Iron (7439-89-6)	**17,800**		5.0	"	"	"
Magnesium (7439-95-4)	**4,500**		30.1	"	"	"
Manganese (7439-96-5)	**736**		1.0	"	"	"
Nickel (7440-02-2)	**19.6**		4.0	"	"	"
Potassium (7440-09-7)	**1,380**		201	"	"	"
Silver (7440-22-4)	U		2.0	"	"	"
Sodium (7440-23-5)	**799**		100	"	"	"
Vanadium (7440-62-2)	**20.9**		4.0	"	"	"
Zinc (7440-66-6)	**88.7**		4.0	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-12 **Station ID: HNC-03-03-612**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.551g
%Solids: 45.19

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	20	"	09/04/12
Arsenic (7440-38-2)	**9.0**		2.0	"	"	"
Lead (7439-92-1)	**18.2**		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-12 **Station ID: HNC-03-03-612**

Batch: B2H2206 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.146g Sample Qualifiers:
%Solids: 45.19

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.121	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-13 **Station ID: HNC-04-00-112**

Batch: B2H2002 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**229**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**72.5**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**24,700**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**410**		25.0	"	"	"
Magnesium (7439-95-4)	**14,800**		150	"	"	"
Manganese (7439-96-5)	**172**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**5,000**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**73,100**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-13 **Station ID: HNC-04-00-112**

Batch: B2H2003 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.4**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	**2.2**		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-13 **Station ID: HNC-04-00-112**

Batch: B2H2404 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-14 **Station ID: HNC-04-03-612**

Batch: B2H2204 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.529g Sample Qualifiers:
%Solids: 42.84

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**8,670**		22.1	1	08/22/12	08/31/12
Barium (7440-39-3)	**1,560**		2.2	"	"	"
Beryllium (7440-41-7)	U		1.1	"	"	"
Cadmium (7440-43-9)	U		1.1	"	"	"
Calcium (7440-70-2)	**6,480**		33.1	"	"	"
Chromium (7440-47-3)	**11.9**		2.2	"	"	"
Cobalt (7440-48-4)	**11.8**		4.4	"	"	"
Copper (7440-50-8)	**22.0**		4.4	"	"	"
Iron (7439-89-6)	**17,500**		5.5	"	"	"
Magnesium (7439-95-4)	**5,260**		33.1	"	"	"
Manganese (7439-96-5)	**668**		1.1	"	"	"
Nickel (7440-02-2)	**22.6**		4.4	"	"	"
Potassium (7440-09-7)	**1,550**		221	"	"	"
Silver (7440-22-4)	U		2.2	"	"	"
Sodium (7440-23-5)	**843**		110	"	"	"
Vanadium (7440-62-2)	**24.1**		4.4	"	"	"
Zinc (7440-66-6)	**96.2**		4.4	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-14 **Station ID: HNC-04-03-612**

Batch: B2H2205 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.529g Sample Qualifiers:
%Solids: 42.84

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.2	20	"	09/04/12
Arsenic (7440-38-2)	**8.2**		2.2	"	"	"
Lead (7439-92-1)	**22.9**		2.2	"	"	"
Selenium (7782-49-2)	U		2.2	"	"	"
Thallium (7440-28-0)	U		2.2	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-14 **Station ID: HNC-04-03-612**

Batch: B2H2206 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.132g Sample Qualifiers:
%Solids: 42.84

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.141	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-15 **Station ID: BLC-04-00-112**

Batch: B2H2002 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**325**	**J**	100	1	08/20/12	08/29/12
Barium (7440-39-3)	**72.6**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**23,300**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**559**		25.0	"	"	"
Magnesium (7439-95-4)	**10,200**		150	"	"	"
Manganese (7439-96-5)	**139**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**3,550**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**33,600**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-15 **Station ID: BLC-04-00-112**

Batch: B2H2003 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.4**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-15 **Station ID: BLC-04-00-112**

Batch: B2H2404 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-16 **Station ID: BLC-04-03-612**

Batch: B2H2204 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.528g Sample Qualifiers:
%Solids: 39.61

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**10,000**		23.9	1	08/22/12	08/31/12
Barium (7440-39-3)	**2,780**		2.4	"	"	"
Beryllium (7440-41-7)	U		1.2	"	"	"
Cadmium (7440-43-9)	U		1.2	"	"	"
Calcium (7440-70-2)	**6,610**		35.9	"	"	"
Chromium (7440-47-3)	**14.0**		2.4	"	"	"
Cobalt (7440-48-4)	**14.1**		4.8	"	"	"
Copper (7440-50-8)	**29.0**		4.8	"	"	"
Iron (7439-89-6)	**20,000**		6.0	"	"	"
Magnesium (7439-95-4)	**5,710**		35.9	"	"	"
Manganese (7439-96-5)	**669**		1.2	"	"	"
Nickel (7440-02-2)	**24.1**		4.8	"	"	"
Potassium (7440-09-7)	**1,860**		239	"	"	"
Silver (7440-22-4)	U		2.4	"	"	"
Sodium (7440-23-5)	**916**		120	"	"	"
Vanadium (7440-62-2)	**25.4**		4.8	"	"	"
Zinc (7440-66-6)	**162**		4.8	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-16 **Station ID: BLC-04-03-612**

Batch: B2H2205 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.528g Sample Qualifiers:
%Solids: 39.61

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.4	20	"	09/04/12
Arsenic (7440-38-2)	**8.7**		2.4	"	"	"
Lead (7439-92-1)	**31.9**		2.4	"	"	"
Selenium (7782-49-2)	U		2.4	"	"	"
Thallium (7440-28-0)	U		2.4	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-16 **Station ID: BLC-04-03-612**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.153g
%Solids: 39.61

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.132	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-17 **Station ID: HNC-01-03-611**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.534g
%Solids: 42.69

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**7,750**		21.9	1	08/22/12	08/31/12
Barium (7440-39-3)	**623**		2.2	"	"	"
Beryllium (7440-41-7)	U		1.1	"	"	"
Cadmium (7440-43-9)	U		1.1	"	"	"
Calcium (7440-70-2)	**27,700**		32.9	"	"	"
Chromium (7440-47-3)	**9.6**		2.2	"	"	"
Cobalt (7440-48-4)	**9.1**		4.4	"	"	"
Copper (7440-50-8)	**22.9**		4.4	"	"	"
Iron (7439-89-6)	**16,400**		5.5	"	"	"
Magnesium (7439-95-4)	**4,180**		32.9	"	"	"
Manganese (7439-96-5)	**930**		1.1	"	"	"
Nickel (7440-02-2)	**18.8**		4.4	"	"	"
Potassium (7440-09-7)	**1,290**		219	"	"	"
Silver (7440-22-4)	U		2.2	"	"	"
Sodium (7440-23-5)	**605**		110	"	"	"
Vanadium (7440-62-2)	**19.1**		4.4	"	"	"
Zinc (7440-66-6)	**76.4**		4.4	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-17 **Station ID: HNC-01-03-611**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.534g
%Solids: 42.69

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.2	20	08/22/12	09/04/12
Arsenic (7440-38-2)	**6.9**		2.2	"	"	"
Lead (7439-92-1)	**24.5**		2.2	"	"	"
Selenium (7782-49-2)	U		2.2	"	"	"
Thallium (7440-28-0)	U		2.2	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-17 **Station ID: HNC-01-03-611**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.134g
%Solids: 42.69

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.140	1	08/22/12	08/23/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-18 **Station ID: HNC-02-03-611**

Batch: B2H2204 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.527g Sample Qualifiers:
%Solids: 57.84

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**11,100**		16.4	1	08/22/12	08/31/12
Barium (7440-39-3)	**209**		1.6	"	"	"
Beryllium (7440-41-7)	**1.1**		0.8	"	"	"
Cadmium (7440-43-9)	U		0.8	"	"	"
Calcium (7440-70-2)	**7,110**		24.6	"	"	"
Chromium (7440-47-3)	**11.8**		1.6	"	"	"
Cobalt (7440-48-4)	**7.4**		3.3	"	"	"
Copper (7440-50-8)	**29.0**		3.3	"	"	"
Iron (7439-89-6)	**14,900**		4.1	"	"	"
Magnesium (7439-95-4)	**5,710**		24.6	"	"	"
Manganese (7439-96-5)	**223**		0.8	"	"	"
Nickel (7440-02-2)	**19.2**		3.3	"	"	"
Potassium (7440-09-7)	**1,980**		164	"	"	"
Silver (7440-22-4)	U		1.6	"	"	"
Sodium (7440-23-5)	**430**		82.0	"	"	"
Vanadium (7440-62-2)	**29.8**		3.3	"	"	"
Zinc (7440-66-6)	**85.2**		3.3	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-18 **Station ID: HNC-02-03-611**

Batch: B2H2205 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.527g Sample Qualifiers:
%Solids: 57.84

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		1.6	20	"	09/04/12
Arsenic (7440-38-2)	**4.7**		1.6	"	"	"
Lead (7439-92-1)	**18.7**		1.6	"	"	"
Selenium (7782-49-2)	U		1.6	"	"	"
Thallium (7440-28-0)	U		1.6	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-18 **Station ID: HNC-02-03-611**

Batch: B2H2206 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.14g Sample Qualifiers:
%Solids: 57.84

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.099	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-19 **Station ID: HNC-05-00-112**

Batch: B2H2002 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**299**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**74.9**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**25,900**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**524**		25.0	"	"	"
Magnesium (7439-95-4)	**17,800**		150	"	"	"
Manganese (7439-96-5)	**184**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**5,980**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**98,000**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-19 **Station ID: HNC-05-00-112**

Batch: B2H2003 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**3.8**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	**2.4**		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-19 **Station ID: HNC-05-00-112**

Batch: B2H2404 Date Collected: 08/08/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208005-20 **Station ID: HNC-05-03-612**

Batch: B2H2204 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.537g Sample Qualifiers:
%Solids: 59.58

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**10,900**		15.6	1	08/22/12	08/31/12
Barium (7440-39-3)	**238**		1.6	"	"	"
Beryllium (7440-41-7)	**1.1**		0.8	"	"	"
Cadmium (7440-43-9)	U		0.8	"	"	"
Calcium (7440-70-2)	**5,090**		23.4	"	"	"
Chromium (7440-47-3)	**13.0**		1.6	"	"	"
Cobalt (7440-48-4)	**12.0**		3.1	"	"	"
Copper (7440-50-8)	**26.0**		3.1	"	"	"
Iron (7439-89-6)	**20,500**		3.9	"	"	"
Magnesium (7439-95-4)	**5,470**		23.4	"	"	"
Manganese (7439-96-5)	**359**		0.8	"	"	"
Nickel (7440-02-2)	**29.9**		3.1	"	"	"
Potassium (7440-09-7)	**1,660**		156	"	"	"
Silver (7440-22-4)	U		1.6	"	"	"
Sodium (7440-23-5)	**765**		78.1	"	"	"
Vanadium (7440-62-2)	**36.2**		3.1	"	"	"
Zinc (7440-66-6)	**75.1**		3.1	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208005-20 **Station ID: HNC-05-03-612**

Batch: B2H2205 Date Collected: 08/08/12
Sample Type: Solid Sample Wt: 0.537g Sample Qualifiers:
%Solids: 59.58

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		1.6	20	"	09/04/12
Arsenic (7440-38-2)	**4.7**		1.6	"	"	"
Lead (7439-92-1)	**19.3**		1.6	"	"	"
Selenium (7782-49-2)	U		1.6	"	"	"
Thallium (7440-28-0)	U		1.6	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208005-20 **Station ID: HNC-05-03-612**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/08/12
Sample Wt: 0.126g
%Solids: 59.58

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.107	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-01 **Station ID: BLC-01-03-611**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.545g
%Solids: 63.30

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**7,730**		14.5	1	08/22/12	09/04/12
Barium (7440-39-3)	**1,830**		1.4	"	"	"
Beryllium (7440-41-7)	**0.7**		0.7	"	"	"
Cadmium (7440-43-9)	U		0.7	"	"	"
Calcium (7440-70-2)	**27,700**		21.7	"	"	"
Chromium (7440-47-3)	**11.4**		1.4	"	"	"
Cobalt (7440-48-4)	**10.2**		2.9	"	"	"
Copper (7440-50-8)	**30.6**		2.9	"	"	"
Iron (7439-89-6)	**16,800**		3.6	"	"	"
Magnesium (7439-95-4)	**4,140**		21.7	"	"	"
Manganese (7439-96-5)	**491**		0.7	"	"	"
Nickel (7440-02-2)	**18.8**		2.9	"	"	"
Potassium (7440-09-7)	**1,350**		145	"	"	"
Silver (7440-22-4)	U		1.4	"	"	"
Sodium (7440-23-5)	**398**		72.5	"	"	"
Vanadium (7440-62-2)	**20.5**		2.9	"	"	"
Zinc (7440-66-6)	**167**		2.9	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-01 **Station ID: BLC-01-03-611**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.545g
%Solids: 63.30

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		1.4	20	08/22/12	09/04/12
Arsenic (7440-38-2)	**7.4**		1.4	"	"	"
Lead (7439-92-1)	**43.2**		1.4	"	"	"
Selenium (7782-49-2)	U		1.4	"	"	"
Thallium (7440-28-0)	U		1.4	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-01 **Station ID: BLC-01-03-611**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.141g
%Solids: 63.30

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.165**		0.090	1	08/22/12	08/23/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-02 **Station ID: BLC-02-03-611**

Batch: B2H2204 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 0.537g Sample Qualifiers:
%Solids: 49.91

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**8,570**		18.7	1	08/22/12	09/04/12
Barium (7440-39-3)	**2,050**		1.9	"	"	"
Beryllium (7440-41-7)	U		0.9	"	"	"
Cadmium (7440-43-9)	U		0.9	"	"	"
Calcium (7440-70-2)	**5,850**		28.0	"	"	"
Chromium (7440-47-3)	**8.7**		1.9	"	"	"
Cobalt (7440-48-4)	**12.5**		3.7	"	"	"
Copper (7440-50-8)	**19.4**		3.7	"	"	"
Iron (7439-89-6)	**23,600**		4.7	"	"	"
Magnesium (7439-95-4)	**4,620**		28.0	"	"	"
Manganese (7439-96-5)	**759**		0.9	"	"	"
Nickel (7440-02-2)	**20.9**		3.7	"	"	"
Potassium (7440-09-7)	**1,540**		187	"	"	"
Silver (7440-22-4)	U		1.9	"	"	"
Sodium (7440-23-5)	**669**		93.3	"	"	"
Vanadium (7440-62-2)	**23.6**		3.7	"	"	"
Zinc (7440-66-6)	**132**		3.7	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-02 **Station ID: BLC-02-03-611**

Batch: B2H2205 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 0.537g Sample Qualifiers:
%Solids: 49.91

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		1.9	20	"	09/04/12
Arsenic (7440-38-2)	**10.5**		1.9	"	"	"
Lead (7439-92-1)	**21.0**		1.9	"	"	"
Selenium (7782-49-2)	U		1.9	"	"	"
Thallium (7440-28-0)	U		1.9	"	"	"

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-02 **Station ID: BLC-02-03-611**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.131g
%Solids: 49.91

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.122	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-03 **Station ID: BLC-03-03-612**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.532g
%Solids: 41.70

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**8,130**		22.5	1	08/22/12	09/04/12
Barium (7440-39-3)	**2,770**		2.3	"	"	"
Beryllium (7440-41-7)	U		1.1	"	"	"
Cadmium (7440-43-9)	U		1.1	"	"	"
Calcium (7440-70-2)	**6,350**		33.8	"	"	"
Chromium (7440-47-3)	**12.0**		2.3	"	"	"
Cobalt (7440-48-4)	**12.9**		4.5	"	"	"
Copper (7440-50-8)	**27.8**		4.5	"	"	"
Iron (7439-89-6)	**17,400**		5.6	"	"	"
Magnesium (7439-95-4)	**4,740**		33.8	"	"	"
Manganese (7439-96-5)	**610**		1.1	"	"	"
Nickel (7440-02-2)	**20.8**		4.5	"	"	"
Potassium (7440-09-7)	**1,550**		225	"	"	"
Silver (7440-22-4)	U		2.3	"	"	"
Sodium (7440-23-5)	**872**		113	"	"	"
Vanadium (7440-62-2)	**20.9**		4.5	"	"	"
Zinc (7440-66-6)	**179**		4.5	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-03 **Station ID: BLC-03-03-612**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.532g
%Solids: 41.70

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.3	20	08/22/12	09/04/12
Arsenic (7440-38-2)	**7.5**		2.3	"	"	"
Lead (7439-92-1)	**49.6**		2.3	"	"	"
Selenium (7782-49-2)	U		2.3	"	"	"
Thallium (7440-28-0)	U		2.3	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-03 **Station ID: BLC-03-03-612**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.154g
%Solids: 41.70

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.125	1	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-04 **Station ID: DSE-03-24-413**

Batch: B2H0905 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 4.999g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	50.4		101	82-120	08/10/12	08/10/12
Surr: Toluene-d8	49.3		98.6	81-116	"	"
Surr: 4-Bromofluorobenzene	52.4		105	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	1,500	50	08/10/12	08/10/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		100	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U	RL	200	"	"	"
Trichlorofluoromethane (75-69-4)	U		100	"	"	"
1,1-Dichloroethene (75-35-4)	U		100	"	"	"
Carbon disulfide (75-15-0)	U		100	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		100	"	"	"
Acetone (67-64-1)	U		500	"	"	"
Methylene chloride (75-09-2)	U		100	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		100	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		100	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		100	"	"	"
1,1-Dichloroethane (75-34-3)	U		100	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		100	"	"	"
1,2-Dichloroethane (107-06-2)	U		100	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		100	"	"	"
Cyclohexane (110-82-7)	**165**		100	"	"	"
Carbon tetrachloride (56-23-5)	U		100	"	"	"
Benzene (71-43-2)	U		100	"	"	"
Trichloroethene (79-01-6)	U		100	"	"	"
Methylcyclohexane (108-87-2)	**955**		100	"	"	"
1,2-Dichloropropane (78-87-5)	U		100	"	"	"
Bromodichloromethane (75-27-4)	U		100	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		100	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-04 **Station ID: DSE-03-24-413**

Batch: B2H0905 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 4.999g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		100	50	08/10/12	08/10/12
1,1,2-Trichloroethane (79-00-5)	U		100	"	"	"
Dibromochloromethane (124-48-1)	U		100	"	"	"
Bromoform (75-25-2)	U		100	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**103**		100	"	"	"
Tetrachloroethene (127-18-4)	U		100	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		100	"	"	"
Chlorobenzene (108-90-7)	U		100	"	"	"
Ethylbenzene (100-41-4)	**163**		100	"	"	"
meta-/para-Xylene (na)	**812**		200	"	"	"
ortho-Xylene (95-47-6)	**501**		100	"	"	"
Styrene (100-42-5)	U		100	"	"	"
Isopropylbenzene (98-82-8)	**286**		100	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		100	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		100	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		100	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		100	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

kws

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-04 **Station ID: DSE-03-24-413**

Batch: B2H1403
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 2.25g
%Solids: 59.21

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	42,800		76.0	38-101	08/15/12	08/15/12
Surr: Phenol-d5	47,100		83.7	42-105	"	"
Surr: 2-Chlorophenol-d4	39,700		70.4	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	23,000		61.3	37-100	"	"
Surr: Nitrobenzene-d5	31,000		82.6	42-108	"	"
Surr: 2-Fluorobiphenyl	35,500		94.5	51-103	"	"
Surr: 2,4,6-Tribromophenol	57,500		102	55-115	"	"
Surr: Terphenyl-d14	29,300		78.0	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**3,560**		1,500	1	08/15/12	08/15/12
Acenaphthylene (208-96-8)	U		1,500	"	"	"
Acetophenone (98-86-2)	U		3,750	"	"	"
Anthracene (120-12-7)	**2,550**		1,500	"	"	"
Atrazine (1912-24-9)	U		3,750	"	"	"
Benzaldehyde (100-52-7)	U		3,750	"	"	"
Benzoic acid (65-85-0)	U		7,510	"	"	"
Benzo (a) anthracene (56-55-3)	U		3,750	"	"	"
Benzo (a) pyrene (50-32-8)	U		3,750	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		3,750	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		3,750	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		3,750	"	"	"
Benzyl alcohol (100-51-6)	U		3,750	"	"	"
1,1'-Biphenyl (92-52-4)	U		3,750	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		3,750	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		3,750	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		3,750	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		3,750	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		3,750	"	"	"
Butyl benzyl phthalate (85-68-7)	U		3,750	"	"	"
Carbazole (86-74-8)	U		3,750	"	"	"
Caprolactam (105-60-2)	U		3,750	"	"	"
4-Chloroaniline (106-47-8)	U		3,750	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-04 **Station ID: DSE-03-24-413**

Batch: B2H1403
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 2.25g
%Solids: 59.21

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		3,750	1	08/15/12	08/15/12
2-Chlorophenol (95-57-8)	U		3,750	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		3,750	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		3,750	"	"	"
Chrysene (218-01-9)	U		3,750	"	"	"
Dibenzofuran (132-64-9)	U		3,750	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		3,750	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		3,750	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		3,750	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		3,750	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		3,750	"	"	"
2,4-Dichlorophenol (120-83-2)	U		3,750	"	"	"
Diethyl phthalate (84-66-2)	U		3,750	"	"	"
2,4-Dimethylphenol (105-67-9)	U		3,750	"	"	"
Dimethyl phthalate (131-11-3)	U		3,750	"	"	"
2,4-Dinitrophenol (51-28-5)	U		15,000	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		3,750	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		3,750	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		15,000	"	"	"
Di-n-butyl phthalate (84-74-2)	U		3,750	"	"	"
Di-n-octyl phthalate (117-84-0)	U		3,750	"	"	"
Fluoranthene (206-44-0)	U		1,500	"	"	"
Fluorene (86-73-7)	**11,600**		1,500	"	"	"
Hexachlorobenzene (118-74-1)	U		3,750	"	"	"
Hexachlorobutadiene (87-68-3)	U		3,750	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		3,750	"	"	"
Hexachloroethane (67-72-1)	U		3,750	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		3,750	"	"	"
Isophorone (78-59-1)	U		3,750	"	"	"
2-Methylnaphthalene (91-57-6)	**98,400**		15,000	10	"	08/15/12
2-Methylphenol (95-48-7)	U		3,750	1	"	08/15/12
3 &/or 4-Methylphenol (106-44-5)	U		3,750	"	"	"
Naphthalene (91-20-3)	**10,600**		1,500	"	"	"
2-Nitroaniline (88-74-4)	U		6,000	"	"	"
3-Nitroaniline (99-09-2)	U		6,000	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-04 **Station ID: DSE-03-24-413**

Batch: B2H1403
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 2.25g
%Solids: 59.21

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		6,000	1	08/15/12	08/15/12
Nitrobenzene (98-95-3)	U		3,750	"	"	"
2-Nitrophenol (88-75-5)	U		3,750	"	"	"
4-Nitrophenol (100-02-7)	U		9,760	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		3,750	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		3,750	"	"	"
Pentachlorophenol (87-86-5)	U		3,750	"	"	"
Phenanthrene (85-01-8)	**23,500**		1,500	"	"	"
Phenol (108-95-2)	U		3,750	"	"	"
Pyrene (129-00-0)	**2,200**		1,500	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		3,750	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		3,750	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		3,750	"	"	"

BJS

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208006-04 **Station ID: DSE-03-24-413**

Batch: B2H1404
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 5.352g
%Solids: 59.21

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	39.5		50.1	41-112	08/15/12	08/23/12
Surr: Decachlorobiphenyl	66.1		83.7	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U	RL	9.47	1	08/15/12	08/16/12
alpha-BHC (319-84-6)	U		3.16	"	"	08/23/12
beta-BHC (319-85-7)	U		3.16	"	"	"
delta-BHC (319-86-8)	U	RL	9.47	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		3.16	"	"	"
4,4´-DDD (72-54-8)	U		3.16	"	"	"
4,4´-DDE (72-55-9)	U		3.16	"	"	"
4,4´-DDT (50-29-3)	U	RL	4.73	"	"	"
Dieldrin (60-57-1)	U		3.16	"	"	08/16/12
Endosulfan I (959-98-8)	U		3.16	"	"	"
Endosulfan II (33213-65-9)	U	RL	4.73	"	"	"
Endosulfan sulfate (1031-07-8)	U	RL	14.2	"	"	"
Endrin (72-20-8)	U	RL	6.31	"	"	"
Endrin aldehyde (7421-93-4)	U	RL	15.8	"	"	"
Endrin ketone (53494-70-5)	U	RL	7.89	"	"	"
Heptachlor (76-44-8)	U		3.16	"	"	08/23/12
Heptachlor epoxide (1024-57-3)	U	RL	4.73	"	"	08/16/12
Methoxychlor (72-43-5)	U	RL	74.2	"	"	"
alpha-Chlordane (5103-71-9)	U	RL	6.31	"	"	08/23/12
gamma-Chlordane (5103-74-2)	U		3.16	"	"	"
Toxaphene (8001-35-2)	U	RL	789	"	"	"
Aroclor-1016 (12674-11-2)	U	RL	158	"	"	08/23/12
Aroclor-1221 (11104-28-2)	U	RL	316	"	"	"
Aroclor-1232 (11141-16-5)	U	RL	158	"	"	"
Aroclor-1242 (53469-21-9)	U	RL	158	"	"	"
Aroclor-1248 (12672-29-6)	U	RL	158	"	"	"
Aroclor-1254 (11097-69-1)	U	RL	158	"	"	08/23/12
Aroclor-1260 (11096-82-5)	U	RL	78.9	"	"	08/23/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-04 **Station ID: DSE-03-24-413**

Batch: B2H2204 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 0.55g Sample Qualifiers:
%Solids: 59.21

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**8,420**		15.4	1	08/22/12	09/04/12
Barium (7440-39-3)	**1,890**		1.5	"	"	"
Beryllium (7440-41-7)	U		0.8	"	"	"
Cadmium (7440-43-9)	**1.7**		0.8	"	"	"
Calcium (7440-70-2)	**9,450**		23.0	"	"	"
Chromium (7440-47-3)	**98.0**	**J**	1.5	"	"	"
Cobalt (7440-48-4)	**9.4**		3.1	"	"	"
Copper (7440-50-8)	**41.3**		3.1	"	"	"
Iron (7439-89-6)	**15,900**		3.8	"	"	"
Magnesium (7439-95-4)	**3,790**		23.0	"	"	"
Manganese (7439-96-5)	**304**		0.8	"	"	"
Nickel (7440-02-2)	**17.4**		3.1	"	"	"
Potassium (7440-09-7)	**1,500**		154	"	"	"
Silver (7440-22-4)	U		1.5	"	"	"
Sodium (7440-23-5)	**498**		76.8	"	"	"
Vanadium (7440-62-2)	**24.4**		3.1	"	"	"
Zinc (7440-66-6)	**430**	**J**	3.1	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-04 **Station ID: DSE-03-24-413**

Batch: B2H2205 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 0.55g Sample Qualifiers:
%Solids: 59.21

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U	J	1.5	20	"	09/04/12
Arsenic (7440-38-2)	**18.1**		1.5	"	"	"
Lead (7439-92-1)	**194**		1.5	"	"	"
Selenium (7782-49-2)	**2.8**		1.5	"	"	"
Thallium (7440-28-0)	U		1.5	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-04 **Station ID: DSE-03-24-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.161g
%Solids: 59.21

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.478**		0.084	1	08/22/12	08/23/12

sm

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-05 **Station ID: DSE-03-24-445**

Batch: B2H1401 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 5ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	49.3		98.5	81-124	08/14/12	08/14/12
Surr: Toluene-d8	50.1		100	86-115	"	"
Surr: 4-Bromofluorobenzene	49.0		97.9	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	08/14/12	08/14/12
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-05 **Station ID: DSE-03-24-445**

Batch: B2H1401 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 5ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	1	08/14/12	08/14/12
1,1,2-Trichloroethane (79-00-5)	U		2.0	"	"	"
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

kws

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-06 **Station ID: DSE-03-48-413**

Batch: B2H0905 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 5.005g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	53.9		108	82-120	08/10/12	08/10/12
Surr: Toluene-d8	50.2		100	81-116	"	"
Surr: 4-Bromofluorobenzene	52.3		105	80-116	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	RL	1,500	50	08/10/12	08/10/12
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		99.9	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U	RL	200	"	"	"
Trichlorofluoromethane (75-69-4)	U		99.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		99.9	"	"	"
Carbon disulfide (75-15-0)	U		99.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		99.9	"	"	"
Acetone (67-64-1)	U		500	"	"	"
Methylene chloride (75-09-2)	U		99.9	"	"	"
Methyl acetate (79-20-9)	U		250	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		99.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		99.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		99.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		99.9	"	"	"
2-Butanone (78-93-3)	U		250	"	"	"
Chloroform (67-66-3)	U		99.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		99.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		99.9	"	"	"
Cyclohexane (110-82-7)	U		99.9	"	"	"
Carbon tetrachloride (56-23-5)	U		99.9	"	"	"
Benzene (71-43-2)	U		99.9	"	"	"
Trichloroethene (79-01-6)	U		99.9	"	"	"
Methylcyclohexane (108-87-2)	**266**		99.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		99.9	"	"	"
Bromodichloromethane (75-27-4)	U		99.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		99.9	"	"	"

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Volatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-06 **Station ID: DSE-03-48-413**

Batch: B2H0905 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 5.005g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
trans-1,3-Dichloropropene (10061-02-6)	U		99.9	50	08/10/12	08/10/12
1,1,2-Trichloroethane (79-00-5)	U		99.9	"	"	"
Dibromochloromethane (124-48-1)	U		99.9	"	"	"
Bromoform (75-25-2)	U		99.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		250	"	"	"
Toluene (108-88-3)	**153**		99.9	"	"	"
Tetrachloroethene (127-18-4)	U		99.9	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		99.9	"	"	"
Chlorobenzene (108-90-7)	U		99.9	"	"	"
Ethylbenzene (100-41-4)	**223**		99.9	"	"	"
meta-/para-Xylene (na)	**891**		200	"	"	"
ortho-Xylene (95-47-6)	**463**		99.9	"	"	"
Styrene (100-42-5)	U		99.9	"	"	"
Isopropylbenzene (98-82-8)	**109**		99.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		99.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		99.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		99.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		99.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

kws

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-06 **Station ID: DSE-03-48-413**

Batch: B2H1403
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 10.281g
%Solids: 61.72

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	9,980		84.4	38-101	08/15/12	08/15/12
Surr: Phenol-d5	10,700		90.4	42-105	"	"
Surr: 2-Chlorophenol-d4	9,110		77.1	40-100	"	"
Surr: 1,2-Dichlorobenzene-d4	5,240		66.6	37-100	"	"
Surr: Nitrobenzene-d5	10,000		127 #	42-108	"	"
Surr: 2-Fluorobiphenyl	6,930		87.9	51-103	"	"
Surr: 2,4,6-Tribromophenol	10,500		88.6	55-115	"	"
Surr: Terphenyl-d14	6,280		79.7	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**993**		315	1	08/15/12	08/15/12
Acenaphthylene (208-96-8)	U		315	"	"	"
Acetophenone (98-86-2)	U		788	"	"	"
Anthracene (120-12-7)	**455**		315	"	"	"
Atrazine (1912-24-9)	U		788	"	"	"
Benzaldehyde (100-52-7)	U		788	"	"	"
Benzoic acid (65-85-0)	U		1,580	"	"	"
Benzo (a) anthracene (56-55-3)	U		788	"	"	"
Benzo (a) pyrene (50-32-8)	U		788	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		788	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		788	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		788	"	"	"
Benzyl alcohol (100-51-6)	U		788	"	"	"
1,1'-Biphenyl (92-52-4)	**1,710**		788	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		788	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		788	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		788	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		788	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		788	"	"	"
Butyl benzyl phthalate (85-68-7)	U		788	"	"	"
Carbazole (86-74-8)	U		788	"	"	"
Caprolactam (105-60-2)	U		788	"	"	"
4-Chloroaniline (106-47-8)	U		788	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-06 **Station ID: DSE-03-48-413**

Batch: B2H1403 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 10.281g Sample Qualifiers:
%Solids: 61.72

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chloronaphthalene (91-58-7)	U		788	1	08/15/12	08/15/12
2-Chlorophenol (95-57-8)	U		788	"	"	"
4-Chlorophenyl phenyl ether (7005-72-3)	U		788	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		788	"	"	"
Chrysene (218-01-9)	U		788	"	"	"
Dibenzofuran (132-64-9)	**913**		788	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		788	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		788	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		788	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		788	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		788	"	"	"
2,4-Dichlorophenol (120-83-2)	U		788	"	"	"
Diethyl phthalate (84-66-2)	U		788	"	"	"
2,4-Dimethylphenol (105-67-9)	U		788	"	"	"
Dimethyl phthalate (131-11-3)	U		788	"	"	"
2,4-Dinitrophenol (51-28-5)	U		3,150	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		788	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		788	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		3,150	"	"	"
Di-n-butyl phthalate (84-74-2)	U		788	"	"	"
Di-n-octyl phthalate (117-84-0)	U		788	"	"	"
Fluoranthene (206-44-0)	**520**		315	"	"	"
Fluorene (86-73-7)	**2,630**		315	"	"	"
Hexachlorobenzene (118-74-1)	U		788	"	"	"
Hexachlorobutadiene (87-68-3)	U		788	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		788	"	"	"
Hexachloroethane (67-72-1)	U		788	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		788	"	"	"
Isophorone (78-59-1)	U		788	"	"	"
2-Methylnaphthalene (91-57-6)	**21,800**		3,150	10	"	08/15/12
2-Methylphenol (95-48-7)	U		788	1	"	08/15/12
3 &/or 4-Methylphenol (106-44-5)	U		788	"	"	"
Naphthalene (91-20-3)	**5,190**		3,150	10	"	08/15/12
2-Nitroaniline (88-74-4)	U		1,260	1	"	08/15/12
3-Nitroaniline (99-09-2)	U		1,260	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208006-06 **Station ID: DSE-03-48-413**

Batch: B2H1403
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 10.281g
%Solids: 61.72

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
4-Nitroaniline (100-01-6)	U		1,260	1	08/15/12	08/15/12
Nitrobenzene (98-95-3)	U		788	"	"	"
2-Nitrophenol (88-75-5)	U		788	"	"	"
4-Nitrophenol (100-02-7)	U		2,050	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		788	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		788	"	"	"
Pentachlorophenol (87-86-5)	U		788	"	"	"
Phenanthrene (85-01-8)	**4,930**		315	"	"	"
Phenol (108-95-2)	U		788	"	"	"
Pyrene (129-00-0)	**701**		315	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		788	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		788	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		788	"	"	"

BJS

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Pesticide/PCB by OLM04.2 - GC/ECD

Lab ID: 1208006-06 **Station ID: DSE-03-48-413**

Batch: B2H1404
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 10.071g
%Solids: 61.72

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: Tetrachloro-meta-xylene	26.1		65.0	41-112	08/15/12	08/23/12
Surr: Decachlorobiphenyl	33.8		84.1	49-122	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aldrin (309-00-2)	U		1.61	1	08/15/12	08/16/12
alpha-BHC (319-84-6)	U		1.61	"	"	08/23/12
beta-BHC (319-85-7)	U		1.61	"	"	"
delta-BHC (319-86-8)	U		1.61	"	"	"
gamma-BHC (Lindane) (58-89-9)	U		1.61	"	"	"
4,4´-DDD (72-54-8)	U		1.61	"	"	"
4,4´-DDE (72-55-9)	U		1.61	"	"	"
4,4´-DDT (50-29-3)	U	RL	4.83	"	"	"
Dieldrin (60-57-1)	U		1.61	"	"	08/16/12
Endosulfan I (959-98-8)	U		1.61	"	"	"
Endosulfan II (33213-65-9)	U		1.61	"	"	"
Endosulfan sulfate (1031-07-8)	U		1.61	"	"	"
Endrin (72-20-8)	U	RL	2.41	"	"	"
Endrin aldehyde (7421-93-4)	U	RL	3.22	"	"	"
Endrin ketone (53494-70-5)	U		1.61	"	"	"
Heptachlor (76-44-8)	U		1.61	"	"	08/23/12
Heptachlor epoxide (1024-57-3)	U		1.61	"	"	08/16/12
Methoxychlor (72-43-5)	U	RL	9.65	"	"	"
alpha-Chlordane (5103-71-9)	U		1.61	"	"	08/23/12
gamma-Chlordane (5103-74-2)	U		1.61	"	"	"
Toxaphene (8001-35-2)	U		48.3	"	"	08/16/12
Aroclor-1016 (12674-11-2)	U		32.2	"	"	08/23/12
Aroclor-1221 (11104-28-2)	U		64.4	"	"	"
Aroclor-1232 (11141-16-5)	U		32.2	"	"	"
Aroclor-1242 (53469-21-9)	U		32.2	"	"	"
Aroclor-1248 (12672-29-6)	U		32.2	"	"	"
Aroclor-1254 (11097-69-1)	**259**		32.2	"	"	08/23/12
Aroclor-1260 (11096-82-5)	**44.6**	**J**	32.2	"	"	08/23/12

LW

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-06 **Station ID: DSE-03-48-413**

Batch: B2H2204 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 0.577g Sample Qualifiers:
%Solids: 61.72

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**9,730**		14.0	1	08/22/12	09/04/12
Barium (7440-39-3)	**1,390**		1.4	"	"	"
Beryllium (7440-41-7)	**0.8**		0.7	"	"	"
Cadmium (7440-43-9)	**0.7**		0.7	"	"	"
Calcium (7440-70-2)	**9,550**		21.1	"	"	"
Chromium (7440-47-3)	**25.9**		1.4	"	"	"
Cobalt (7440-48-4)	**12.7**		2.8	"	"	"
Copper (7440-50-8)	**34.8**		2.8	"	"	"
Iron (7439-89-6)	**20,300**		3.5	"	"	"
Magnesium (7439-95-4)	**5,180**		21.1	"	"	"
Manganese (7439-96-5)	**541**		0.7	"	"	"
Nickel (7440-02-2)	**26.7**		2.8	"	"	"
Potassium (7440-09-7)	**1,740**		140	"	"	"
Silver (7440-22-4)	U		1.4	"	"	"
Sodium (7440-23-5)	**797**		70.2	"	"	"
Vanadium (7440-62-2)	**24.2**		2.8	"	"	"
Zinc (7440-66-6)	**281**		2.8	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-06 **Station ID: DSE-03-48-413**

Batch: B2H2205 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 0.577g Sample Qualifiers:
%Solids: 61.72

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		1.4	20	"	09/04/12
Arsenic (7440-38-2)	**26.6**		1.4	"	"	"
Lead (7439-92-1)	**151**		1.4	"	"	"
Selenium (7782-49-2)	**5.8**		1.4	"	"	"
Thallium (7440-28-0)	U		1.4	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-06 **Station ID: DSE-03-48-413**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.161g
%Solids: 61.72

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.207**		0.081	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-07 **Station ID: MPC-01-03-611**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.545g
%Solids: 42.25

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**12,000**		21.7	1	08/22/12	09/04/12
Barium (7440-39-3)	**289**		2.2	"	"	"
Beryllium (7440-41-7)	**1.1**		1.1	"	"	"
Cadmium (7440-43-9)	U		1.1	"	"	"
Calcium (7440-70-2)	**8,280**		32.6	"	"	"
Chromium (7440-47-3)	**13.2**		2.2	"	"	"
Cobalt (7440-48-4)	**10.7**		4.3	"	"	"
Copper (7440-50-8)	**23.5**		4.3	"	"	"
Iron (7439-89-6)	**18,900**		5.4	"	"	"
Magnesium (7439-95-4)	**6,890**		32.6	"	"	"
Manganese (7439-96-5)	**444**		1.1	"	"	"
Nickel (7440-02-2)	**26.1**		4.3	"	"	"
Potassium (7440-09-7)	**2,290**		217	"	"	"
Silver (7440-22-4)	U		2.2	"	"	"
Sodium (7440-23-5)	**1,290**		109	"	"	"
Vanadium (7440-62-2)	**34.0**		4.3	"	"	"
Zinc (7440-66-6)	**74.7**		4.3	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-07 **Station ID: MPC-01-03-611**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.545g
%Solids: 42.25

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.2	20	08/22/12	09/04/12
Arsenic (7440-38-2)	**6.2**		2.2	"	"	"
Lead (7439-92-1)	**19.9**		2.2	"	"	"
Selenium (7782-49-2)	U		2.2	"	"	"
Thallium (7440-28-0)	U		2.2	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-07 **Station ID: MPC-01-03-611**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.153g
%Solids: 42.25

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.124	1	08/22/12	08/23/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-08 **Station ID: BLC-02-00-111**

Batch: B2H2002 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**210**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**75.2**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**23,400**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**456**		25.0	"	"	"
Magnesium (7439-95-4)	**10,400**		150	"	"	"
Manganese (7439-96-5)	**143**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**3,570**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**34,800**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-08 **Station ID: BLC-02-00-111**

Batch: B2H2003 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.8**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-08 **Station ID: BLC-02-00-111**

Batch: B2H2404 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-09 **Station ID: BLC-01-00-111**

Batch: B2H2002 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**150**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**75.2**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**23,700**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**498**		25.0	"	"	"
Magnesium (7439-95-4)	**10,400**		150	"	"	"
Manganese (7439-96-5)	**148**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**3,620**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**35,800**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-09 **Station ID: BLC-01-00-111**

Batch: B2H2003 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.7**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-09 **Station ID: BLC-01-00-111**

Batch: B2H2404 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-10 **Station ID: CC-04-00-112**

Batch: B2H2002 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**364**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**153**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**24,100**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**797**		25.0	"	"	"
Magnesium (7439-95-4)	**10,400**		150	"	"	"
Manganese (7439-96-5)	**149**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**3,710**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**34,400**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-10 **Station ID: CC-04-00-112**

Batch: B2H2003 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.2**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-10 **Station ID: CC-04-00-112**

Batch: B2H2404 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-11 **Station ID: CC-04-00-122**

Batch: B2H2002 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**319**	**J**	100	1	08/20/12	08/29/12
Barium (7440-39-3)	**118**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**23,500**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**706**		25.0	"	"	"
Magnesium (7439-95-4)	**10,100**		150	"	"	"
Manganese (7439-96-5)	**142**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**3,600**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**33,600**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-11 **Station ID: CC-04-00-122**

Batch: B2H2003 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.3**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-11 **Station ID: CC-04-00-122**

Batch: B2H2404 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-12 **Station ID: CC-01-00-111**

Batch: B2H2002 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**317**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**103**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**25,200**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**551**		25.0	"	"	"
Magnesium (7439-95-4)	**11,900**		150	"	"	"
Manganese (7439-96-5)	**114**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**4,330**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**50,700**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-12 **Station ID: CC-01-00-111**

Batch: B2H2003 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.8**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-12 **Station ID: CC-01-00-111**

Batch: B2H2404 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-13 **Station ID: CC-02-00-112**

Batch: B2H2002 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**587**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**228**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**24,300**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**947**		25.0	"	"	"
Magnesium (7439-95-4)	**10,800**		150	"	"	"
Manganese (7439-96-5)	**141**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**3,850**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**38,400**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-13 **Station ID: CC-02-00-112**

Batch: B2H2003 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.5**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-13 **Station ID: CC-02-00-112**

Batch: B2H2404 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208006-14 **Station ID: CC-03-00-112**

Batch: B2H2002 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**375**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**139**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**23,800**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**716**		25.0	"	"	"
Magnesium (7439-95-4)	**10,500**		150	"	"	"
Manganese (7439-96-5)	**133**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**3,760**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**36,500**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208006-14 **Station ID: CC-03-00-112**

Batch: B2H2003 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.5**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208006-14 **Station ID: CC-03-00-112**

Batch: B2H2404 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208007-01 **Station ID: MPC-01-00-111**

Batch: B2H2002 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**293**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**74.6**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**24,100**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**500**		25.0	"	"	"
Magnesium (7439-95-4)	**10,400**		150	"	"	"
Manganese (7439-96-5)	**136**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**3,620**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**34,700**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208007-01 **Station ID: MPC-01-00-111**

Batch: B2H2003 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.6**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208007-01 **Station ID: MPC-01-00-111**

Batch: B2H2404 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208007-02 **Station ID: BLC-03-00-112**

Batch: B2H2002 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**352**		100	1	08/20/12	08/29/12
Barium (7440-39-3)	**78.6**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**24,300**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	**562**		25.0	"	"	"
Magnesium (7439-95-4)	**10,600**		150	"	"	"
Manganese (7439-96-5)	**142**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	**3,680**		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**35,600**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208007-02 **Station ID: BLC-03-00-112**

Batch: B2H2003 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	08/20/12	08/31/12
Arsenic (7440-38-2)	**2.1**		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208007-02 **Station ID: BLC-03-00-112**

Batch: B2H2404 Date Collected: 08/09/12
Sample Type: Liquid Sample Vol: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	08/24/12	08/24/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208007-03 **Station ID: CC-04-03-612**

Batch: B2H2204 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 0.543g Sample Qualifiers:
%Solids: 38.53

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**10,400**		23.9	1	08/22/12	09/04/12
Barium (7440-39-3)	**748**		2.4	"	"	"
Beryllium (7440-41-7)	U		1.2	"	"	"
Cadmium (7440-43-9)	U		1.2	"	"	"
Calcium (7440-70-2)	**7,440**		35.9	"	"	"
Chromium (7440-47-3)	**14.2**		2.4	"	"	"
Cobalt (7440-48-4)	**10.1**		4.8	"	"	"
Copper (7440-50-8)	**24.4**		4.8	"	"	"
Iron (7439-89-6)	**22,500**		6.0	"	"	"
Magnesium (7439-95-4)	**5,380**		35.9	"	"	"
Manganese (7439-96-5)	**432**		1.2	"	"	"
Nickel (7440-02-2)	**26.2**		4.8	"	"	"
Potassium (7440-09-7)	**2,260**		239	"	"	"
Silver (7440-22-4)	U		2.4	"	"	"
Sodium (7440-23-5)	**1,200**		120	"	"	"
Vanadium (7440-62-2)	**28.8**		4.8	"	"	"
Zinc (7440-66-6)	**159**		4.8	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208007-03 **Station ID: CC-04-03-612**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.543g
%Solids: 38.53

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.4	20	08/22/12	09/04/12
Arsenic (7440-38-2)	**8.7**		2.4	"	"	"
Lead (7439-92-1)	**34.3**		2.4	"	"	"
Selenium (7782-49-2)	U		2.4	"	"	"
Thallium (7440-28-0)	U		2.4	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208007-03 **Station ID: CC-04-03-612**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.147g
%Solids: 38.53

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.141	1	08/22/12	08/23/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208007-04 **Station ID: CC-04-03-622**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.55g
%Solids: 39.22

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**9,260**		23.2	1	08/22/12	09/04/12
Barium (7440-39-3)	**2,680**		2.3	"	"	"
Beryllium (7440-41-7)	U		1.2	"	"	"
Cadmium (7440-43-9)	U		1.2	"	"	"
Calcium (7440-70-2)	**6,370**		34.8	"	"	"
Chromium (7440-47-3)	**17.6**		2.3	"	"	"
Cobalt (7440-48-4)	**13.4**		4.6	"	"	"
Copper (7440-50-8)	**38.9**		4.6	"	"	"
Iron (7439-89-6)	**18,000**		5.8	"	"	"
Magnesium (7439-95-4)	**4,880**		34.8	"	"	"
Manganese (7439-96-5)	**473**		1.2	"	"	"
Nickel (7440-02-2)	**23.3**		4.6	"	"	"
Potassium (7440-09-7)	**1,750**		232	"	"	"
Silver (7440-22-4)	U		2.3	"	"	"
Sodium (7440-23-5)	**864**		116	"	"	"
Vanadium (7440-62-2)	**24.1**		4.6	"	"	"
Zinc (7440-66-6)	**267**		4.6	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208007-04 **Station ID: CC-04-03-622**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.55g
%Solids: 39.22

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.3	20	"	09/04/12
Arsenic (7440-38-2)	**10.0**		2.3	"	"	"
Lead (7439-92-1)	**55.9**		2.3	"	"	"
Selenium (7782-49-2)	U		2.3	"	"	"
Thallium (7440-28-0)	U		2.3	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208007-04 **Station ID: CC-04-03-622**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.164g
%Solids: 39.22

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.137**		0.124	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208007-05 **Station ID: CC-03-03-612**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.525g
%Solids: 34.41

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**11,900**		27.7	1	08/22/12	09/04/12
Barium (7440-39-3)	**3,240**		2.8	"	"	"
Beryllium (7440-41-7)	U		1.4	"	"	"
Cadmium (7440-43-9)	U		1.4	"	"	"
Calcium (7440-70-2)	**7,260**		41.5	"	"	"
Chromium (7440-47-3)	**25.9**		2.8	"	"	"
Cobalt (7440-48-4)	**14.9**		5.5	"	"	"
Copper (7440-50-8)	**63.7**		5.5	"	"	"
Iron (7439-89-6)	**21,800**		6.9	"	"	"
Magnesium (7439-95-4)	**5,970**		41.5	"	"	"
Manganese (7439-96-5)	**478**		1.4	"	"	"
Nickel (7440-02-2)	**26.2**		5.5	"	"	"
Potassium (7440-09-7)	**2,180**		277	"	"	"
Silver (7440-22-4)	U		2.8	"	"	"
Sodium (7440-23-5)	**1,240**		138	"	"	"
Vanadium (7440-62-2)	**30.6**		5.5	"	"	"
Zinc (7440-66-6)	**360**		5.5	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208007-05 **Station ID: CC-03-03-612**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.525g
%Solids: 34.41

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.8	20	08/22/12	09/04/12
Arsenic (7440-38-2)	**10.6**		2.8	"	"	"
Lead (7439-92-1)	**81.8**		2.8	"	"	"
Selenium (7782-49-2)	U		2.8	"	"	"
Thallium (7440-28-0)	U		2.8	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208007-05 **Station ID: CC-03-03-612**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.161g
%Solids: 34.41

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.201**		0.144	1	08/22/12	08/23/12

sm

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Metals by CLP ILMO5.3 - ICP

Lab ID: 1208007-06 **Station ID: CC-02-03-612**

Batch: B2H2204 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 0.523g Sample Qualifiers:
%Solids: 40.55

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**8,850**		23.6	1	08/22/12	09/04/12
Barium (7440-39-3)	**1,830**		2.4	"	"	"
Beryllium (7440-41-7)	U		1.2	"	"	"
Cadmium (7440-43-9)	**1.2**		1.2	"	"	"
Calcium (7440-70-2)	**7,960**		35.4	"	"	"
Chromium (7440-47-3)	**105**		2.4	"	"	"
Cobalt (7440-48-4)	**13.6**		4.7	"	"	"
Copper (7440-50-8)	**75.9**		4.7	"	"	"
Iron (7439-89-6)	**27,100**		5.9	"	"	"
Magnesium (7439-95-4)	**4,160**		35.4	"	"	"
Manganese (7439-96-5)	**402**		1.2	"	"	"
Nickel (7440-02-2)	**32.1**		4.7	"	"	"
Potassium (7440-09-7)	**1,530**		236	"	"	"
Silver (7440-22-4)	U		2.4	"	"	"
Sodium (7440-23-5)	**864**		118	"	"	"
Vanadium (7440-62-2)	**27.1**		4.7	"	"	"
Zinc (7440-66-6)	**567**		4.7	"	"	"

ts

Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208007-06 **Station ID: CC-02-03-612**

Batch: B2H2205 Date Collected: 08/09/12
Sample Type: Solid Sample Wt: 0.523g Sample Qualifiers:
%Solids: 40.55

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.4	20	"	09/04/12
Arsenic (7440-38-2)	**15.4**		2.4	"	"	"
Lead (7439-92-1)	**89.6**		2.4	"	"	"
Selenium (7782-49-2)	U		2.4	"	"	"
Thallium (7440-28-0)	U		2.4	"	"	"

KD

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Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208007-06 **Station ID: CC-02-03-612**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.155g
%Solids: 40.55

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.342**		0.127	1	08/22/12	08/23/12

sm

Metals by CLP ILMO5.3 - ICP

Lab ID: 1208007-07 **Station ID: CC-01-03-611**

Batch: B2H2204
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.519g
%Solids: 53.39

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**15,500**		18.0	1	08/22/12	09/04/12
Barium (7440-39-3)	**191**		1.8	"	"	"
Beryllium (7440-41-7)	**1.3**		0.9	"	"	"
Cadmium (7440-43-9)	U		0.9	"	"	"
Calcium (7440-70-2)	**5,450**		27.1	"	"	"
Chromium (7440-47-3)	**9.8**		1.8	"	"	"
Cobalt (7440-48-4)	**19.8**		3.6	"	"	"
Copper (7440-50-8)	**23.9**		3.6	"	"	"
Iron (7439-89-6)	**44,100**		4.5	"	"	"
Magnesium (7439-95-4)	**6,980**		27.1	"	"	"
Manganese (7439-96-5)	**412**		0.9	"	"	"
Nickel (7440-02-2)	**31.8**		3.6	"	"	"
Potassium (7440-09-7)	**2,240**		180	"	"	"
Silver (7440-22-4)	U	J	1.8	"	"	"
Sodium (7440-23-5)	**1,180**		90.2	"	"	"
Vanadium (7440-62-2)	**36.2**		3.6	"	"	"
Zinc (7440-66-6)	**80.9**		3.6	"	"	"

ts

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Metals by CLP ILMO5.3 - ICP/MS

Lab ID: 1208007-07 **Station ID: CC-01-03-611**

Batch: B2H2205
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.519g
%Solids: 53.39

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U	J	1.8	20	08/22/12	09/04/12
Arsenic (7440-38-2)	**24.0**		1.8	"	"	"
Lead (7439-92-1)	**20.9**		1.8	"	"	"
Selenium (7782-49-2)	U		1.8	"	"	"
Thallium (7440-28-0)	U		1.8	"	"	"

KD

Metals by CLP ILMO5.3 - CVAAS

Lab ID: 1208007-07 **Station ID: CC-01-03-611**

Batch: B2H2206
Sample Type: Solid

Date Collected: 08/09/12
Sample Wt: 0.152g
%Solids: 53.39

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.099	1	08/22/12	08/23/12

sm

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Percent Solids - Quality Control

Duplicate (B2H0801-DUP1)

Source: 1208003-06 Prepared: 8/8/2012 Analyzed: 8/9/2012

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
% Solids	75.53				71.51	5.46	20

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Percent Solids - Quality Control

Duplicate (B2H0907-DUP1)

Source: 1208005-18 Prepared: 8/9/2012 Analyzed: 8/10/2012

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
% Solids	57.77				57.84	0.11	20

Duplicate (B2H0907-DUP2)

Source: 1208005-20 Prepared: 8/9/2012 Analyzed: 8/10/2012

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
% Solids	58.43				59.58	1.95	20

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Percent Solids - Quality Control

Duplicate (B2H1402-DUP1)

Source: 1208006-07 Prepared: 8/14/2012 Analyzed: 8/15/2012

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
% Solids	44.21				42.25	4.53	20

Duplicate (B2H1402-DUP2)

Source: 1208007-07 Prepared: 8/14/2012 Analyzed: 8/15/2012

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
% Solids	51.94				53.39	2.77	20

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

Blank (B2H0905-BLK1)
Prepared: 8/9/2012 Analyzed: 8/9/2012

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	48.7		50.0	97.4	82-120
Surr: Toluene-d8	47.3		50.0	94.6	81-116
Surr: 4-Bromofluorobenzene	48.2		50.0	96.5	80-116

Blank (B2H0905-BLK1)
Prepared: 8/9/2012 Analyzed: 8/9/2012

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
Dichlorodifluoromethane	U		250
Chloromethane	U		250
Vinyl chloride	U		100
Bromomethane	U		250
Chloroethane	U		100
Trichlorofluoromethane	U		100
1,1-Dichloroethene	U		100
Carbon disulfide	U		100
1,1,2-Trichloro-1,2,2-trifluoroethane	U		100
Acetone	U		500
Methylene chloride	U		100
Methyl acetate	U		250
trans-1,2-Dichloroethene	U		100
cis-1,2-Dichloroethene	U		100
Methyl tert-butyl ether	U		100
1,1-Dichloroethane	U		100
2-Butanone	U		250
Chloroform	U		100
1,2-Dichloroethane	U		100

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

Blank (B2H0905-BLK1)

Prepared: 8/9/2012 Analyzed: 8/9/2012

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
1,1,1-Trichloroethane	U		100
Cyclohexane	U		100
Carbon tetrachloride	U		100
Benzene	U		100
Trichloroethene	U		100
Methylcyclohexane	U		100
1,2-Dichloropropane	U		100
Bromodichloromethane	U		100
cis-1,3-Dichloropropene	U		100
trans-1,3-Dichloropropene	U		100
1,1,2-Trichloroethane	U		100
Dibromochloromethane	U		100
Bromoform	U		100
4-Methyl-2-pentanone	U		250
Toluene	U		100
Tetrachloroethene	U		100
2-Hexanone	U		250
1,2-Dibromoethane	U		100
Chlorobenzene	U		100
Ethylbenzene	U		100
meta-/para-Xylene	U		200
ortho-Xylene	U		100
Styrene	U		100
Isopropylbenzene	U		100
1,1,2,2-Tetrachloroethane	U		100
1,3-Dichlorobenzene	U		100
1,4-Dichlorobenzene	U		100
1,2-Dichlorobenzene	U		100
1,2-Dibromo-3-chloropropane	U		250

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

Blank (B2H0905-BLK1)
Prepared: 8/9/2012 Analyzed: 8/9/2012

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
1,2,4-Trichlorobenzene	U		250

Blank (B2H0905-BLK2)
Prepared: 8/10/2012 Analyzed: 8/10/2012

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	50.5		50.0	101	82-120
Surr: Toluene-d8	49.1		50.0	98.2	81-116
Surr: 4-Bromofluorobenzene	50.7		50.0	101	80-116

Blank (B2H0905-BLK2)
Prepared: 8/10/2012 Analyzed: 8/10/2012

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
Dichlorodifluoromethane	U		250
Chloromethane	U		250
Vinyl chloride	U		99.9
Bromomethane	U		250
Chloroethane	U		99.9
Trichlorofluoromethane	U		99.9
1,1-Dichloroethene	U		99.9
Carbon disulfide	U		99.9
1,1,2-Trichloro-1,2,2-trifluoroethane	U		99.9
Acetone	U		500
Methylene chloride	U		99.9

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

Blank (B2H0905-BLK2)
Prepared: 8/10/2012 Analyzed: 8/10/2012

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
Methyl acetate	U		250
trans-1,2-Dichloroethene	U		99.9
cis-1,2-Dichloroethene	U		99.9
Methyl tert-butyl ether	U		99.9
1,1-Dichloroethane	U		99.9
2-Butanone	U		250
Chloroform	U		99.9
1,2-Dichloroethane	U		99.9
1,1,1-Trichloroethane	U		99.9
Cyclohexane	U		99.9
Carbon tetrachloride	U		99.9
Benzene	U		99.9
Trichloroethene	U		99.9
Methylcyclohexane	U		99.9
1,2-Dichloropropane	U		99.9
Bromodichloromethane	U		99.9
cis-1,3-Dichloropropene	U		99.9
trans-1,3-Dichloropropene	U		99.9
1,1,2-Trichloroethane	U		99.9
Dibromochloromethane	U		99.9
Bromoform	U		99.9
4-Methyl-2-pentanone	U		250
Toluene	U		99.9
Tetrachloroethene	U		99.9
2-Hexanone	U		250
1,2-Dibromoethane	U		99.9
Chlorobenzene	U		99.9
Ethylbenzene	U		99.9
meta-/para-Xylene	U		200

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

Blank (B2H0905-BLK2)
Prepared: 8/10/2012 Analyzed: 8/10/2012

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
ortho-Xylene	U		99.9
Styrene	U		99.9
Isopropylbenzene	U		99.9
1,1,2,2-Tetrachloroethane	U		99.9
1,3-Dichlorobenzene	U		99.9
1,4-Dichlorobenzene	U		99.9
1,2-Dichlorobenzene	U		99.9
1,2-Dibromo-3-chloropropane	U		250
1,2,4-Trichlorobenzene	U		250

LCS (B2H0905-BS1)
Prepared: 8/9/2012 Analyzed: 8/9/2012

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	49.0		50.0	98.0	82-120
Surr: Toluene-d8	46.8		50.0	93.7	81-116
Surr: 4-Bromofluorobenzene	49.0		50.0	98.0	80-116

LCS (B2H0905-BS1)
Prepared: 8/9/2012 Analyzed: 8/9/2012

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dichlorodifluoromethane	799		250	2,500	32.0 #	39-124
Chloromethane	1,540		250	2,500	61.8	36-152
Vinyl chloride	1,850		100	2,500	74.2	34-138
Bromomethane	1,610		250	2,500	64.3	35-127

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

LCS (B2H0905-BS1)

Prepared: 8/9/2012 Analyzed: 8/9/2012

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Chloroethane	1,390		100	2,500	55.8	51-148
Trichlorofluoromethane	2,540		100	2,500	102	18-136
1,1-Dichloroethene	3,130		100	2,500	125	55-160
Carbon disulfide	2,520		100	2,500	101	60-142
1,1,2-Trichloro-1,2,2-trifluoroethane	3,290		100	2,500	132	67-148
Acetone	2,860		500	2,500	114	46-138
Methylene chloride	2,760		100	2,500	111	72-151
Methyl acetate	2,460		250	2,500	98.3	67-161
trans-1,2-Dichloroethene	3,020		100	2,500	121	61-153
cis-1,2-Dichloroethene	2,660		100	2,500	106	66-137
Methyl tert-butyl ether	2,420		100	2,500	96.8	82-137
1,1-Dichloroethane	2,970		100	2,500	119	68-141
2-Butanone	2,680		250	2,500	107	38-147
Chloroform	2,910		100	2,500	117	78-136
1,2-Dichloroethane	2,770		100	2,500	111	73-141
1,1,1-Trichloroethane	3,180		100	2,500	127	77-136
Cyclohexane	3,660		100	2,500	146 #	62-142
Carbon tetrachloride	3,180		100	2,500	127	73-136
Benzene	3,020		100	2,500	121	63-141
Trichloroethene	3,140		100	2,500	126	67-136
Methylcyclohexane	3,540		100	2,500	142 #	51-137
1,2-Dichloropropane	2,990		100	2,500	120	77-130
Bromodichloromethane	2,890		100	2,500	116	83-129
cis-1,3-Dichloropropene	3,140		100	2,500	126	65-132
trans-1,3-Dichloropropene	2,930		100	2,500	117	67-132
1,1,2-Trichloroethane	2,870		100	2,500	115	72-137
Dibromochloromethane	3,060		100	2,500	122	76-126
Bromoform	2,880		100	2,500	115	63-135

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

LCS (B2H0905-BS1)

Prepared: 8/9/2012 Analyzed: 8/9/2012

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
4-Methyl-2-pentanone	2,740		250	2,500	110	82-131
Toluene	2,940		100	2,500	117	69-132
Tetrachloroethene	3,030		100	2,500	121	63-133
2-Hexanone	2,840		250	2,500	114	49-141
1,2-Dibromoethane	2,890		100	2,500	116	68-130
Chlorobenzene	3,060		100	2,500	122	68-139
Ethylbenzene	3,080		100	2,500	123	58-138
meta-/para-Xylene	5,820		200	5,000	117	59-138
ortho-Xylene	3,020		100	2,500	121	52-143
Styrene	3,070		100	2,500	123	55-142
Isopropylbenzene	2,770		100	2,500	111	57-143
1,1,2,2-Tetrachloroethane	2,700		100	2,500	108	71-137
1,3-Dichlorobenzene	3,120		100	2,500	125	65-140
1,4-Dichlorobenzene	3,110		100	2,500	125	66-139
1,2-Dichlorobenzene	3,040		100	2,500	122	65-139
1,2-Dibromo-3-chloropropane	2,740		250	2,500	110	74-130
1,2,4-Trichlorobenzene	3,090		250	2,500	124	70-132

LCS (B2H0905-BS2)

Prepared: 8/10/2012 Analyzed: 8/10/2012

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	48.7		50.0	97.5	82-120
Surr: Toluene-d8	49.5		50.0	99.0	81-116
Surr: 4-Bromofluorobenzene	51.7		50.0	103	80-116

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

LCS (B2H0905-BS2)

Prepared: 8/10/2012 Analyzed: 8/10/2012

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC		%REC Limits
Dichlorodifluoromethane	417		250	2,500	16.7	#	39-124
Chloromethane	1,080		250	2,500	43.1		36-152
Vinyl chloride	1,280		100	2,500	51.3		34-138
Bromomethane	1,260		250	2,500	50.6		35-127
Chloroethane	1,080		100	2,500	43.0	#	51-148
Trichlorofluoromethane	1,960		100	2,500	78.4		18-136
1,1-Dichloroethene	2,040		100	2,500	81.6		55-160
Carbon disulfide	1,890		100	2,500	75.6		60-142
1,1,2-Trichloro-1,2,2-trifluoroethane	2,030		100	2,500	81.1		67-148
Acetone	2,190		500	2,500	87.6		46-138
Methylene chloride	2,440		100	2,500	97.8		72-151
Methyl acetate	2,340		250	2,500	93.4		67-161
trans-1,2-Dichloroethene	2,310		100	2,500	92.5		61-153
cis-1,2-Dichloroethene	2,210		100	2,500	88.6		66-137
Methyl tert-butyl ether	2,220		100	2,500	88.7		82-137
1,1-Dichloroethane	2,340		100	2,500	93.5		68-141
2-Butanone	2,480		250	2,500	99.2		38-147
Chloroform	2,400		100	2,500	96.0		78-136
1,2-Dichloroethane	2,350		100	2,500	94.2		73-141
1,1,1-Trichloroethane	2,560		100	2,500	103		77-136
Cyclohexane	2,650		100	2,500	106		62-142
Carbon tetrachloride	2,600		100	2,500	104		73-136
Benzene	2,510		100	2,500	101		63-141
Trichloroethene	2,620		100	2,500	105		67-136
Methylcyclohexane	2,620		100	2,500	105		51-137
1,2-Dichloropropane	2,570		100	2,500	103		77-130
Bromodichloromethane	2,540		100	2,500	101		83-129
cis-1,3-Dichloropropene	2,600		100	2,500	104		65-132

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

LCS (B2H0905-BS2)

Prepared: 8/10/2012 Analyzed: 8/10/2012

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
trans-1,3-Dichloropropene	2,470		100	2,500	98.8	67-132
1,1,2-Trichloroethane	2,570		100	2,500	103	72-137
Dibromochloromethane	2,550		100	2,500	102	76-126
Bromoform	2,520		100	2,500	101	63-135
4-Methyl-2-pentanone	2,700		250	2,500	108	82-131
Toluene	2,480		100	2,500	99.1	69-132
Tetrachloroethene	2,560		100	2,500	102	63-133
2-Hexanone	2,750		250	2,500	110	49-141
1,2-Dibromoethane	2,460		100	2,500	98.4	68-130
Chlorobenzene	2,560		100	2,500	103	68-139
Ethylbenzene	2,650		100	2,500	106	58-138
meta-/para-Xylene	5,020		200	5,000	100	59-138
ortho-Xylene	2,560		100	2,500	102	52-143
Styrene	2,760		100	2,500	110	55-142
Isopropylbenzene	2,350		100	2,500	94.0	57-143
1,1,2,2-Tetrachloroethane	2,460		100	2,500	98.5	71-137
1,3-Dichlorobenzene	2,680		100	2,500	107	65-140
1,4-Dichlorobenzene	2,700		100	2,500	108	66-139
1,2-Dichlorobenzene	2,640		100	2,500	106	65-139
1,2-Dibromo-3-chloropropane	2,420		250	2,500	96.9	74-130
1,2,4-Trichlorobenzene	2,660		250	2,500	106	70-132

Matrix Spike (B2H0905-MS1)

Source: 1208003-01 Prepared: 8/9/2012 Analyzed: 8/9/2012

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	47.0		50.0	94.0	82-120

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

Matrix Spike (B2H0905-MS1)

Source: 1208003-01 Prepared: 8/9/2012 Analyzed: 8/9/2012

Surrogates (Continued)

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: Toluene-d8	47.2		50.0	94.3	81-116
Surr: 4-Bromofluorobenzene	49.1		50.0	98.3	80-116

Matrix Spike (B2H0905-MS1)

Source: 1208003-01 Prepared: 8/9/2012 Analyzed: 8/9/2012

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
1,1-Dichloroethene	2,180		99.9	2,500		87.3	59-172
Benzene	2,570		99.9	2,500		103	66-142
Trichloroethene	2,630		99.9	2,500		105	62-137
Toluene	3,090		99.9	2,500	445	106	59-139
Chlorobenzene	2,590		99.9	2,500		104	60-133

Matrix Spike Dup (B2H0905-MSD1)

Source: 1208003-01 Prepared: 8/9/2012 Analyzed: 8/9/2012

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	47.0		50.0	94.0	82-120
Surr: Toluene-d8	46.3		50.0	92.5	81-116
Surr: 4-Bromofluorobenzene	52.1		50.0	104	80-116

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0905 **Sample Type: Solid**

Matrix Spike Dup (B2H0905-MSD1)

Source: 1208003-01 Prepared: 8/9/2012 Analyzed: 8/9/2012

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,1-Dichloroethene	2,690		99.9	2,500		108	59-172	20.8	22
Benzene	2,400		99.9	2,500		95.9	66-142	6.96	21
Trichloroethene	2,480		99.9	2,500		99.5	62-137	5.67	24
Toluene	2,690		99.9	2,500	445	89.9	59-139	16.2	21
Chlorobenzene	2,510		99.9	2,500		100	60-133	3.37	21

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1401 **Sample Type: Liquid**

Blank (B2H1401-BLK1)
Prepared: 8/14/2012 Analyzed: 8/14/2012

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	49.0		50.0	97.9	81-124
Surr: Toluene-d8	49.6		50.0	99.2	86-115
Surr: 4-Bromofluorobenzene	48.0		50.0	96.0	76-115

Blank (B2H1401-BLK1)
Prepared: 8/14/2012 Analyzed: 8/14/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Dichlorodifluoromethane	U		5.0
Chloromethane	U		5.0
Vinyl chloride	U		2.0
Bromomethane	U		5.0
Chloroethane	U		2.0
Trichlorofluoromethane	U		2.0
1,1-Dichloroethene	U		2.0
Carbon disulfide	U		2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	U		2.0
Acetone	U		10.0
Methylene chloride	U		2.0
Methyl acetate	U		2.0
trans-1,2-Dichloroethene	U		2.0
cis-1,2-Dichloroethene	U		2.0
Methyl tert-butyl ether	U		2.0
1,1-Dichloroethane	U		2.0
2-Butanone	U		5.0
Chloroform	U		2.0
1,2-Dichloroethane	U		2.0

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1401 **Sample Type: Liquid**

Blank (B2H1401-BLK1)

Prepared: 8/14/2012 Analyzed: 8/14/2012

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
1,1,1-Trichloroethane	U		2.0
Cyclohexane	U		2.0
Carbon tetrachloride	U		2.0
Benzene	U		2.0
Trichloroethene	U		2.0
Methylcyclohexane	U		2.0
1,2-Dichloropropane	U		2.0
Bromodichloromethane	U		2.0
cis-1,3-Dichloropropene	U		2.0
trans-1,3-Dichloropropene	U		2.0
1,1,2-Trichloroethane	U		2.0
Dibromochloromethane	U		2.0
Bromoform	U		2.0
4-Methyl-2-pentanone	U		5.0
Toluene	U		2.0
Tetrachloroethene	U		2.0
2-Hexanone	U		5.0
1,2-Dibromoethane	U		2.0
Chlorobenzene	U		2.0
Ethylbenzene	U		2.0
meta-/para-Xylene	U		4.0
ortho-Xylene	U		2.0
Styrene	U		2.0
Isopropylbenzene	U		2.0
1,1,2,2-Tetrachloroethane	U		2.0
1,3-Dichlorobenzene	U		2.0
1,4-Dichlorobenzene	U		2.0
1,2-Dichlorobenzene	U		2.0
1,2-Dibromo-3-chloropropane	U		5.0

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1401 **Sample Type: Liquid**

Blank (B2H1401-BLK1)
Prepared: 8/14/2012 Analyzed: 8/14/2012

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
1,2,4-Trichlorobenzene	U		5.0

LCS (B2H1401-BS1)
Prepared: 8/14/2012 Analyzed: 8/14/2012

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	50.8		50.0	102	81-124
Surr: Toluene-d8	51.3		50.0	103	86-115
Surr: 4-Bromofluorobenzene	50.9		50.0	102	76-115

LCS (B2H1401-BS1)
Prepared: 8/14/2012 Analyzed: 8/14/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dichlorodifluoromethane	20.1		5.0	50.0	40.2 #	64-176
Chloromethane	30.4		5.0	50.0	60.7 #	70-168
Vinyl chloride	36.1		2.0	50.0	72.1	69-153
Bromomethane	41.3		5.0	50.0	82.6	73-155
Chloroethane	44.7		2.0	50.0	89.3	68-137
Trichlorofluoromethane	52.1		2.0	50.0	104	74-137
1,1-Dichloroethene	48.1		2.0	50.0	96.2	71-142
Carbon disulfide	48.7		2.0	50.0	97.3	58-155
1,1,2-Trichloro-1,2,2-trifluoroethane	47.5		2.0	50.0	95.0	85-142
Acetone	49.6		10.0	50.0	99.1	46-159
Methylene chloride	52.1		2.0	50.0	104	75-126

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1401 **Sample Type: Liquid**

LCS (B2H1401-BS1)

Prepared: 8/14/2012 Analyzed: 8/14/2012

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Methyl acetate	52.1		2.0	50.0	104	70-137
trans-1,2-Dichloroethene	53.8		2.0	50.0	108	73-127
cis-1,2-Dichloroethene	47.7		2.0	50.0	95.4	83-121
Methyl tert-butyl ether	47.7		2.0	50.0	95.4	82-124
1,1-Dichloroethane	52.9		2.0	50.0	106	81-123
2-Butanone	58.3		5.0	50.0	117	57-153
Chloroform	52.4		2.0	50.0	105	83-119
1,2-Dichloroethane	51.6		2.0	50.0	103	81-120
1,1,1-Trichloroethane	53.6		2.0	50.0	107	82-124
Cyclohexane	58.0		2.0	50.0	116	77-141
Carbon tetrachloride	54.4		2.0	50.0	109	81-124
Benzene	51.2		2.0	50.0	102	80-122
Trichloroethene	51.6		2.0	50.0	103	79-121
Methylcyclohexane	52.0		2.0	50.0	104	86-126
1,2-Dichloropropane	52.6		2.0	50.0	105	82-119
Bromodichloromethane	51.4		2.0	50.0	103	82-118
cis-1,3-Dichloropropene	53.0		2.0	50.0	106	78-120
trans-1,3-Dichloropropene	50.6		2.0	50.0	101	75-123
1,1,2-Trichloroethane	52.4		2.0	50.0	105	81-116
Dibromochloromethane	53.8		2.0	50.0	108	79-112
Bromoform	50.6		2.0	50.0	101	76-120
4-Methyl-2-pentanone	55.0		5.0	50.0	110	79-130
Toluene	54.0		2.0	50.0	108	81-122
Tetrachloroethene	53.7		2.0	50.0	107	81-120
2-Hexanone	57.0		5.0	50.0	114	69-138
1,2-Dibromoethane	52.3		2.0	50.0	105	81-117
Chlorobenzene	54.0		2.0	50.0	108	82-119
Ethylbenzene	53.5		2.0	50.0	107	79-126
meta-/para-Xylene	104		4.0	100	104	73-131

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Volatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1401 **Sample Type: Liquid**

LCS (B2H1401-BS1)

Prepared: 8/14/2012 Analyzed: 8/14/2012

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
ortho-Xylene	53.4		2.0	50.0	107	79-124
Styrene	52.8		2.0	50.0	106	65-126
Isopropylbenzene	48.0		2.0	50.0	95.9	82-128
1,1,2,2-Tetrachloroethane	52.7		2.0	50.0	105	81-117
1,3-Dichlorobenzene	55.8		2.0	50.0	112	82-119
1,4-Dichlorobenzene	54.3		2.0	50.0	109	82-120
1,2-Dichlorobenzene	54.6		2.0	50.0	109	81-117
1,2-Dibromo-3-chloropropane	54.4		5.0	50.0	109	74-122
1,2,4-Trichlorobenzene	55.7		5.0	50.0	111	78-119

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0902 **Sample Type: Solid**

Blank (B2H0902-BLK1)
Prepared: 8/9/2012 Analyzed: 8/13/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	4,860		7,310	66.6	38-101
Surr: Phenol-d5	5,170		7,310	70.7	42-105
Surr: 2-Chlorophenol-d4	4,720		7,310	64.6	40-100
Surr: 1,2-Dichlorobenzene-d4	3,280		4,870	67.3	37-100
Surr: Nitrobenzene-d5	3,490		4,870	71.6	42-108
Surr: 2-Fluorobiphenyl	3,550		4,870	72.9	51-103
Surr: 2,4,6-Tribromophenol	5,300		7,310	72.6	55-115
Surr: Terphenyl-d14	3,340		4,870	68.6	55-125

Blank (B2H0902-BLK1)
Prepared: 8/9/2012 Analyzed: 8/13/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		195
Acenaphthylene	U		195
Acetophenone	U		487
Anthracene	U		195
Atrazine	U		487
Benzaldehyde	U		487
Benzoic acid	U		974
Benzo (a) anthracene	U		487
Benzo (a) pyrene	U		487
Benzo (b) fluoranthene	U		487
Benzo (g,h,i) perylene	U		487
Benzo (k) fluoranthene	U		487
Benzyl alcohol	U		487
1,1'-Biphenyl	U		487
Bis(2-chloroethoxy)methane	U		487

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0902 **Sample Type: Solid**

Blank (B2H0902-BLK1)
Prepared: 8/9/2012 Analyzed: 8/13/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Bis(2-chloroethyl)ether	U		487
Bis(2-chloro-1-methylethyl)ether	U		487
Bis(2-ethylhexyl)phthalate	U		487
4-Bromophenyl phenyl ether	U		487
Butyl benzyl phthalate	U		487
Carbazole	U		487
Caprolactam	U		487
4-Chloroaniline	U		487
2-Chloronaphthalene	U		487
2-Chlorophenol	U		487
4-Chlorophenyl phenyl ether	U		487
4-Chloro-3-methylphenol	U		487
Chrysene	U		487
Dibenzofuran	U		487
Dibenz (a,h) anthracene	U		487
1,2-Dichlorobenzene	U		487
1,3-Dichlorobenzene	U		487
1,4-Dichlorobenzene	U		487
3,3´-Dichlorobenzidine	U		487
2,4-Dichlorophenol	U		487
Diethyl phthalate	U		487
2,4-Dimethylphenol	U		487
Dimethyl phthalate	U		487
2,4-Dinitrophenol	U		1,950
2,4-Dinitrotoluene	U		487
2,6-Dinitrotoluene	U		487
4,6-Dinitro-2-methylphenol	U		1,950
Di-n-butyl phthalate	U		487
Di-n-octyl phthalate	U		487

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0902 **Sample Type: Solid**

Blank (B2H0902-BLK1)
Prepared: 8/9/2012 Analyzed: 8/13/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Fluoranthene	U		195
Fluorene	U		195
Hexachlorobenzene	U		487
Hexachlorobutadiene	U		487
Hexachlorocyclopentadiene	U		487
Hexachloroethane	U		487
Indeno (1,2,3-cd) pyrene	U		487
Isophorone	U		487
2-Methylnaphthalene	U		195
2-Methylphenol	U		487
3 &/or 4-Methylphenol	U		487
Naphthalene	U		195
2-Nitroaniline	U		779
3-Nitroaniline	U		779
4-Nitroaniline	U		779
Nitrobenzene	U		487
2-Nitrophenol	U		487
4-Nitrophenol	U		1,270
N-Nitrosodiphenylamine	U		487
N-Nitrosodi-n-propylamine	U		487
Pentachlorophenol	U		487
Phenanthrene	U		195
Phenol	U		487
Pyrene	U		195
1,2,4-Trichlorobenzene	U		487
2,4,5-Trichlorophenol	U		487
2,4,6-Trichlorophenol	U		487

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H0902 **Sample Type: Solid**

LCS (B2H0902-BS1)
Prepared: 8/9/2012 Analyzed: 8/13/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	4,240		7,330	57.9	38-101
Surr: Phenol-d5	4,290		7,330	58.6	42-105
Surr: 2-Chlorophenol-d4	3,950		7,330	53.9	40-100
Surr: 1,2-Dichlorobenzene-d4	2,800		4,880	57.3	37-100
Surr: Nitrobenzene-d5	2,940		4,880	60.3	42-108
Surr: 2-Fluorobiphenyl	3,080		4,880	63.1	51-103
Surr: 2,4,6-Tribromophenol	5,600		7,330	76.5	55-115
Surr: Terphenyl-d14	3,720		4,880	76.1	55-125

LCS (B2H0902-BS1)
Prepared: 8/9/2012 Analyzed: 8/13/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	3,090		195	4,880	63.3	47-101
2-Chlorophenol	4,100		488	7,330	55.9	41-100
4-Chloro-3-methylphenol	4,600		488	7,330	62.8	47-114
1,4-Dichlorobenzene	2,720		488	4,880	55.6	32-100
2,4-Dinitrotoluene	3,200		488	4,880	65.5	54-112
4-Nitrophenol	4,870		1,270	7,330	66.5	47-130
N-Nitrosodi-n-propylamine	3,190		488	4,880	65.3	43-100
Pentachlorophenol	4,130		488	7,330	56.4	16-122
Phenol	4,110		488	7,330	56.0	40-101
Pyrene	3,500		195	4,880	71.6	51-119
1,2,4-Trichlorobenzene	2,910		488	4,880	59.6	40-100

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1002 **Sample Type: Solid**

Blank (B2H1002-BLK1)
Prepared: 8/10/2012 Analyzed: 8/13/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	4,040		7,160	56.4	38-101
Surr: Phenol-d5	4,280		7,160	59.8	42-105
Surr: 2-Chlorophenol-d4	3,870		7,160	54.0	40-100
Surr: 1,2-Dichlorobenzene-d4	2,670		4,770	55.8	37-100
Surr: Nitrobenzene-d5	2,820		4,770	59.1	42-108
Surr: 2-Fluorobiphenyl	3,080		4,770	64.5	51-103
Surr: 2,4,6-Tribromophenol	5,210		7,160	72.8	55-115
Surr: Terphenyl-d14	3,950		4,770	82.7	55-125

Blank (B2H1002-BLK1)
Prepared: 8/10/2012 Analyzed: 8/13/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		191
Acenaphthylene	U		191
Acetophenone	U		477
Anthracene	U		191
Atrazine	U		477
Benzaldehyde	U		477
Benzoic acid	U		955
Benzo (a) anthracene	U		477
Benzo (a) pyrene	U		477
Benzo (b) fluoranthene	U		477
Benzo (g,h,i) perylene	U		477
Benzo (k) fluoranthene	U		477
Benzyl alcohol	U		477
1,1'-Biphenyl	U		477
Bis(2-chloroethoxy)methane	U		477

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1002 **Sample Type: Solid**

Blank (B2H1002-BLK1)
Prepared: 8/10/2012 Analyzed: 8/13/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Bis(2-chloroethyl)ether	U		477
Bis(2-chloro-1-methylethyl)ether	U		477
Bis(2-ethylhexyl)phthalate	U		477
4-Bromophenyl phenyl ether	U		477
Butyl benzyl phthalate	U		477
Carbazole	U		477
Caprolactam	U		477
4-Chloroaniline	U		477
2-Chloronaphthalene	U		477
2-Chlorophenol	U		477
4-Chlorophenyl phenyl ether	U		477
4-Chloro-3-methylphenol	U		477
Chrysene	U		477
Dibenzofuran	U		477
Dibenz (a,h) anthracene	U		477
1,2-Dichlorobenzene	U		477
1,3-Dichlorobenzene	U		477
1,4-Dichlorobenzene	U		477
3,3´-Dichlorobenzidine	U		477
2,4-Dichlorophenol	U		477
Diethyl phthalate	U		477
2,4-Dimethylphenol	U		477
Dimethyl phthalate	U		477
2,4-Dinitrophenol	U		1,910
2,4-Dinitrotoluene	U		477
2,6-Dinitrotoluene	U		477
4,6-Dinitro-2-methylphenol	U		1,910
Di-n-butyl phthalate	U		477
Di-n-octyl phthalate	U		477

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1002 **Sample Type: Solid**

Blank (B2H1002-BLK1)
Prepared: 8/10/2012 Analyzed: 8/13/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Fluoranthene	U		191
Fluorene	U		191
Hexachlorobenzene	U		477
Hexachlorobutadiene	U		477
Hexachlorocyclopentadiene	U		477
Hexachloroethane	U		477
Indeno (1,2,3-cd) pyrene	U		477
Isophorone	U		477
2-Methylnaphthalene	U		191
2-Methylphenol	U		477
3 &/or 4-Methylphenol	U		477
Naphthalene	U		191
2-Nitroaniline	U		764
3-Nitroaniline	U		764
4-Nitroaniline	U		764
Nitrobenzene	U		477
2-Nitrophenol	U		477
4-Nitrophenol	U		1,240
N-Nitrosodiphenylamine	U		477
N-Nitrosodi-n-propylamine	U		477
Pentachlorophenol	U		477
Phenanthrene	U		191
Phenol	U		477
Pyrene	U		191
1,2,4-Trichlorobenzene	U		477
2,4,5-Trichlorophenol	U		477
2,4,6-Trichlorophenol	U		477

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1002 **Sample Type: Solid**

LCS (B2H1002-BS1)
Prepared: 8/10/2012 Analyzed: 8/13/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	5,680		7,260	78.2	38-101
Surr: Phenol-d5	5,670		7,260	78.1	42-105
Surr: 2-Chlorophenol-d4	5,260		7,260	72.4	40-100
Surr: 1,2-Dichlorobenzene-d4	3,750		4,840	77.5	37-100
Surr: Nitrobenzene-d5	3,880		4,840	80.1	42-108
Surr: 2-Fluorobiphenyl	3,890		4,840	80.3	51-103
Surr: 2,4,6-Tribromophenol	6,620		7,260	91.2	55-115
Surr: Terphenyl-d14	3,440		4,840	71.0	55-125

LCS (B2H1002-BS1)
Prepared: 8/10/2012 Analyzed: 8/13/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	3,870		194	4,840	79.9	47-101
2-Chlorophenol	5,390		484	7,260	74.3	41-100
4-Chloro-3-methylphenol	5,920		484	7,260	81.6	47-114
1,4-Dichlorobenzene	3,600		484	4,840	74.4	32-100
2,4-Dinitrotoluene	4,380		484	4,840	90.4	54-112
4-Nitrophenol	7,430		1,260	7,260	102	47-130
N-Nitrosodi-n-propylamine	4,550		484	4,840	94.0	43-100
Pentachlorophenol	5,540		484	7,260	76.2	16-122
Phenol	5,430		484	7,260	74.7	40-101
Pyrene	3,350		194	4,840	69.2	51-119
1,2,4-Trichlorobenzene	3,780		484	4,840	78.1	40-100

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1002 **Sample Type: Solid**

Matrix Spike (B2H1002-MS1)

Source: 1208005-04 Prepared: 8/10/2012 Analyzed: 8/13/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	6,490		12,300	52.7	38-101
Surr: Phenol-d5	7,220		12,300	58.6	42-105
Surr: 2-Chlorophenol-d4	6,250		12,300	50.7	40-100
Surr: 1,2-Dichlorobenzene-d4	4,130		8,220	50.3	37-100
Surr: Nitrobenzene-d5	5,060		8,220	61.6	42-108
Surr: 2-Fluorobiphenyl	6,800		8,220	82.7	51-103
Surr: 2,4,6-Tribromophenol	13,000		12,300	106	55-115
Surr: Terphenyl-d14	5,680		8,220	69.1	55-125

Matrix Spike (B2H1002-MS1)

Source: 1208005-04 Prepared: 8/10/2012 Analyzed: 8/13/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthene	7,040		329	8,220	540	79.2	34-107
2-Chlorophenol	6,360		822	12,300		51.6	28-94
4-Chloro-3-methylphenol	10,700		822	12,300		86.7	38-126
1,4-Dichlorobenzene	3,710		822	8,220		45.1	27-83
2,4-Dinitrotoluene	7,120		822	8,220		86.7	38-123
4-Nitrophenol	13,300		2,140	12,300		108	35-138
N-Nitrosodi-n-propylamine	5,190		822	8,220		63.2	29-97
Pentachlorophenol	11,400		822	12,300		92.1	10-126
Phenol	6,940		822	12,300	197	54.7	32-96
Pyrene	5,640		329	8,220	251	65.6	39-129
1,2,4-Trichlorobenzene	5,000		822	8,220		60.9	24-105

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1002 **Sample Type: Solid**

Matrix Spike Dup (B2H1002-MSD1)

Source: 1208005-04 Prepared: 8/10/2012 Analyzed: 8/13/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	8,850		12,100	73.0	38-101
Surr: Phenol-d5	9,310		12,100	76.8	42-105
Surr: 2-Chlorophenol-d4	8,290		12,100	68.4	40-100
Surr: 1,2-Dichlorobenzene-d4	5,590		8,070	69.2	37-100
Surr: Nitrobenzene-d5	6,740		8,070	83.4	42-108
Surr: 2-Fluorobiphenyl	7,730		8,070	95.8	51-103
Surr: 2,4,6-Tribromophenol	13,000		12,100	107	55-115
Surr: Terphenyl-d14	5,840		8,070	72.3	55-125

Matrix Spike Dup (B2H1002-MSD1)

Source: 1208005-04 Prepared: 8/10/2012 Analyzed: 8/13/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	7,610		323	8,070	540	87.5	34-107	10.0	31
2-Chlorophenol	8,220		807	12,100		67.8	28-94	27.1	37
4-Chloro-3-methylphenol	11,400		807	12,100		94.3	38-126	8.50	36
1,4-Dichlorobenzene	5,180		807	8,070		64.1	27-83	34.8	36
2,4-Dinitrotoluene	7,600		807	8,070		94.1	38-123	8.21	32
4-Nitrophenol	12,500		2,100	12,100		103	35-138	4.91	39
N-Nitrosodi-n-propylamine	6,920		807	8,070		85.7	29-97	30.3	33
Pentachlorophenol	10,500		807	12,100		86.8	10-126	5.89	45
Phenol	8,880		807	12,100	197	71.7	32-96	26.9	38
Pyrene	5,740		323	8,070	251	67.9	39-129	3.53	34
1,2,4-Trichlorobenzene	6,260		807	8,070		77.6	24-105	24.1	34

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1403 **Sample Type: Solid**

Blank (B2H1403-BLK1)
Prepared: 8/15/2012 Analyzed: 8/15/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	4,480		7,210	62.1	38-101
Surr: Phenol-d5	5,980		7,210	83.0	42-105
Surr: 2-Chlorophenol-d4	5,430		7,210	75.4	40-100
Surr: 1,2-Dichlorobenzene-d4	2,880		4,810	60.0	37-100
Surr: Nitrobenzene-d5	4,230		4,810	88.0	42-108
Surr: 2-Fluorobiphenyl	4,120		4,810	85.7	51-103
Surr: 2,4,6-Tribromophenol	6,000		7,210	83.3	55-115
Surr: Terphenyl-d14	5,100		4,810	106	55-125

Blank (B2H1403-BLK1)
Prepared: 8/15/2012 Analyzed: 8/15/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		192
Acenaphthylene	U		192
Acetophenone	U		481
Anthracene	U		192
Atrazine	U		481
Benzaldehyde	U		481
Benzoic acid	U		961
Benzo (a) anthracene	U		481
Benzo (a) pyrene	U		481
Benzo (b) fluoranthene	U		481
Benzo (g,h,i) perylene	U		481
Benzo (k) fluoranthene	U		481
Benzyl alcohol	U		481
1,1'-Biphenyl	U		481
Bis(2-chloroethoxy)methane	U		481

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1403 **Sample Type: Solid**

Blank (B2H1403-BLK1)
Prepared: 8/15/2012 Analyzed: 8/15/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Bis(2-chloroethyl)ether	U		481
Bis(2-chloro-1-methylethyl)ether	U		481
Bis(2-ethylhexyl)phthalate	U		481
4-Bromophenyl phenyl ether	U		481
Butyl benzyl phthalate	U		481
Carbazole	U		481
Caprolactam	U		481
4-Chloroaniline	U		481
2-Chloronaphthalene	U		481
2-Chlorophenol	U		481
4-Chlorophenyl phenyl ether	U		481
4-Chloro-3-methylphenol	U		481
Chrysene	U		481
Dibenzofuran	U		481
Dibenz (a,h) anthracene	U		481
1,2-Dichlorobenzene	U		481
1,3-Dichlorobenzene	U		481
1,4-Dichlorobenzene	U		481
3,3´-Dichlorobenzidine	U		481
2,4-Dichlorophenol	U		481
Diethyl phthalate	U		481
2,4-Dimethylphenol	U		481
Dimethyl phthalate	U		481
2,4-Dinitrophenol	U		1,920
2,4-Dinitrotoluene	U		481
2,6-Dinitrotoluene	U		481
4,6-Dinitro-2-methylphenol	U		1,920
Di-n-butyl phthalate	U		481
Di-n-octyl phthalate	U		481

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1403 **Sample Type: Solid**

Blank (B2H1403-BLK1)
Prepared: 8/15/2012 Analyzed: 8/15/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Fluoranthene	U		192
Fluorene	U		192
Hexachlorobenzene	U		481
Hexachlorobutadiene	U		481
Hexachlorocyclopentadiene	U		481
Hexachloroethane	U		481
Indeno (1,2,3-cd) pyrene	U		481
Isophorone	U		481
2-Methylnaphthalene	U		192
2-Methylphenol	U		481
3 &/or 4-Methylphenol	U		481
Naphthalene	U		192
2-Nitroaniline	U		769
3-Nitroaniline	U		769
4-Nitroaniline	U		769
Nitrobenzene	U		481
2-Nitrophenol	U		481
4-Nitrophenol	U		1,250
N-Nitrosodiphenylamine	U		481
N-Nitrosodi-n-propylamine	U		481
Pentachlorophenol	U		481
Phenanthrene	U		192
Phenol	U		481
Pyrene	U		192
1,2,4-Trichlorobenzene	U		481
2,4,5-Trichlorophenol	U		481
2,4,6-Trichlorophenol	U		481

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1403 **Sample Type: Solid**

LCS (B2H1403-BS1)
Prepared: 8/15/2012 Analyzed: 8/15/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	5,820		7,480	77.9	38-101
Surr: Phenol-d5	6,170		7,480	82.5	42-105
Surr: 2-Chlorophenol-d4	5,400		7,480	72.3	40-100
Surr: 1,2-Dichlorobenzene-d4	3,810		4,980	76.4	37-100
Surr: Nitrobenzene-d5	4,400		4,980	88.3	42-108
Surr: 2-Fluorobiphenyl	3,990		4,980	80.1	51-103
Surr: 2,4,6-Tribromophenol	6,370		7,480	85.2	55-115
Surr: Terphenyl-d14	5,190		4,980	104	55-125

LCS (B2H1403-BS1)
Prepared: 8/15/2012 Analyzed: 8/15/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	4,260		199	4,980	85.5	47-101
2-Chlorophenol	5,720		498	7,480	76.5	41-100
4-Chloro-3-methylphenol	6,900		498	7,480	92.3	47-114
1,4-Dichlorobenzene	3,300		498	4,980	66.2	32-100
2,4-Dinitrotoluene	4,820		498	4,980	96.7	54-112
4-Nitrophenol	7,020		1,300	7,480	93.9	47-130
N-Nitrosodi-n-propylamine	4,700		498	4,980	94.4	43-100
Pentachlorophenol	7,010		498	7,480	93.8	16-122
Phenol	5,890		498	7,480	78.8	40-101
Pyrene	5,640		199	4,980	113	51-119
1,2,4-Trichlorobenzene	3,780		498	4,980	75.9	40-100

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H0901 **Sample Type: Solid**

Blank (B2H0901-BLK1)
Prepared: 8/9/2012 Analyzed: 8/16/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: Tetrachloro-meta-xylene	6.58		24.5	26.9 #	41-112
Surr: Decachlorobiphenyl	19.4		24.5	79.2	49-122

Blank (B2H0901-BLK1)
Prepared: 8/9/2012 Analyzed: 8/16/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Aldrin	U		0.98
alpha-BHC	U		0.98
beta-BHC	U		0.98
delta-BHC	U		0.98
gamma-BHC (Lindane)	U		0.98
4,4´-DDD	U		0.98
4,4´-DDE	U		0.98
4,4´-DDT	U		0.98
Dieldrin	U		0.98
Endosulfan I	U		0.98
Endosulfan II	U		0.98
Endosulfan sulfate	U		0.98
Endrin	U		0.98
Endrin aldehyde	U		0.98
Endrin ketone	U		0.98
Heptachlor	U		0.98
Heptachlor epoxide	U		0.98
Methoxychlor	U		0.98
alpha-Chlordane	U		0.98
gamma-Chlordane	U		0.98

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H0901 **Sample Type: Solid**

Blank (B2H0901-BLK1)
Prepared: 8/9/2012 Analyzed: 8/16/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Toxaphene	U		29.4
Aroclor-1016	U		19.6
Aroclor-1221	U		39.1
Aroclor-1232	U		19.6
Aroclor-1242	U		19.6
Aroclor-1248	U		19.6
Aroclor-1254	U		19.6
Aroclor-1260	U		19.6

LCS (B2H0901-BS1)
Prepared: 8/9/2012 Analyzed: 8/16/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: Tetrachloro-meta-xylene	4.28		24.9	17.2 #	41-112
Surr: Decachlorobiphenyl	22.1		24.9	88.7	49-122

LCS (B2H0901-BS1)
Prepared: 8/9/2012 Analyzed: 8/16/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Aldrin	5.58		1.00	24.9	22.4	21-107
alpha-BHC	5.58		1.00	24.9	22.4	22-100
beta-BHC	9.84		1.00	24.9	39.5	35-115
delta-BHC	11.1		1.00	24.9	44.7	41-123
gamma-BHC (Lindane)	6.48		1.00	24.9	26.0 #	35-108
4,4´-DDD	19.4		1.00	24.9	77.9	49-126

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H0901 **Sample Type: Solid**

LCS (B2H0901-BS1)

Prepared: 8/9/2012 Analyzed: 8/16/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
4,4´-DDE	14.0		1.00	24.9	56.3	35-123
4,4´-DDT	20.8		1.00	24.9	83.4	52-138
Dieldrin	13.0		1.00	24.9	52.2	43-124
Endosulfan I	10.2		1.00	24.9	41.1	40-121
Endosulfan II	18.9		1.00	24.9	75.8	57-129
Endosulfan sulfate	21.4		1.00	24.9	86.0	63-129
Endrin	13.1		1.00	24.9	52.4	51-122
Endrin aldehyde	18.0		1.00	24.9	72.2	31-112
Endrin ketone	21.2		1.00	24.9	85.0	62-133
Heptachlor	7.22		1.00	24.9	29.0	26-115
Heptachlor epoxide	9.46		1.00	24.9	38.0 #	39-116
Methoxychlor	24.4		1.00	24.9	97.9	60-140
alpha-Chlordane	9.99		1.00	24.9	40.1	36-118
gamma-Chlordane	10.6		1.00	24.9	42.4	38-113

Matrix Spike (B2H0901-MS1)

Source: 1208003-01 Prepared: 8/9/2012 Analyzed: 8/16/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: Tetrachloro-meta-xylene	10.9		46.9	23.3 #	41-112
Surr: Decachlorobiphenyl	37.6		46.9	80.2	49-122

Matrix Spike (B2H0901-MS1)

Source: 1208003-01 Prepared: 8/9/2012 Analyzed: 8/16/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H0901 **Sample Type: Solid**

Matrix Spike (B2H0901-MS1)

Source: 1208003-01 Prepared: 8/9/2012 Analyzed: 8/16/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Aldrin	22.0		1.88	46.9		47.0	32-103
alpha-BHC	19.3		1.88	46.9		41.1	27-100
beta-BHC	20.1		1.88	46.9		42.8	40-102
delta-BHC	20.8		1.88	46.9		44.5	43-114
gamma-BHC (Lindane)	20.5		1.88	46.9		43.8	41-100
4,4´-DDD	31.5		1.88	46.9		67.3	49-129
4,4´-DDE	28.7		1.88	46.9	2.00	57.0	41-118
4,4´-DDT	34.9		1.88	46.9		74.4	50-147
Dieldrin	28.1		1.88	46.9		60.0	43-119
Endosulfan I	27.7		1.88	46.9		59.0	36-119
Endosulfan II	31.3		1.88	46.9		66.8	53-125
Endosulfan sulfate	31.3		1.88	46.9		66.8	54-126
Endrin	31.2		1.88	46.9		66.5	44-135
Endrin aldehyde	25.0		1.88	46.9		53.3	32-102
Endrin ketone	35.0		1.88	46.9		74.6	44-140
Heptachlor	28.2		1.88	46.9		60.2	30-116
Heptachlor epoxide	30.8		1.88	46.9		65.6	38-117
Methoxychlor	49.3		1.88	46.9		105	57-148
alpha-Chlordane	24.0		1.88	46.9		51.3	45-112
gamma-Chlordane	24.4		1.88	46.9		52.0	46-108

Matrix Spike Dup (B2H0901-MSD1)

Source: 1208003-01 Prepared: 8/9/2012 Analyzed: 8/16/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: Tetrachloro-meta-xylene	13.0		46.6	27.8 #	41-112
Surr: Decachlorobiphenyl	35.4		46.6	76.0	49-122

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H0901 **Sample Type: Solid**

Matrix Spike Dup (B2H0901-MSD1)

Source: 1208003-01 Prepared: 8/9/2012 Analyzed: 8/16/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Aldrin	20.4		1.87	46.6		43.7	32-103	7.31	36
alpha-BHC	18.4		1.87	46.6		39.5	27-100	4.00	34
beta-BHC	18.6		1.87	46.6		40.0	40-102	6.87	25
delta-BHC	18.3		1.87	46.6		39.2 #	43-114	12.7	22
gamma-BHC (Lindane)	19.3		1.87	46.6		41.4	41-100	5.77	26
4,4´-DDD	27.3		1.87	46.6		58.6	49-129	13.7	31
4,4´-DDE	26.9		1.87	46.6	2.00	53.5	41-118	6.41	24
4,4´-DDT	31.4		1.87	46.6		67.4	50-147	9.94	33
Dieldrin	25.6		1.87	46.6		54.9	43-119	8.86	26
Endosulfan I	25.4		1.87	46.6		54.4	36-119	8.11	27
Endosulfan II	27.3		1.87	46.6		58.5	53-125	13.3	33
Endosulfan sulfate	29.0		1.87	46.6		62.2	54-126	7.05	29
Endrin	29.1		1.87	46.6		62.5	44-135	6.27	24
Endrin aldehyde	27.8		1.87	46.6		59.6	32-102	11.2	30
Endrin ketone	31.3		1.87	46.6		67.2	44-140	10.5	28
Heptachlor	25.0		1.87	46.6		53.6	30-116	11.5	33
Heptachlor epoxide	27.7		1.87	46.6		59.4	38-117	9.96	27
Methoxychlor	42.3		1.87	46.6		90.7	57-148	14.7	29
alpha-Chlordane	22.4		1.87	46.6		48.1	45-112	6.35	24
gamma-Chlordane	22.5		1.87	46.6		48.3	46-108	7.29	24

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H1001 **Sample Type: Solid**

Blank (B2H1001-BLK1)
Prepared: 8/10/2012 Analyzed: 8/16/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: Tetrachloro-meta-xylene	11.7		24.8	47.0	41-112
Surr: Decachlorobiphenyl	23.8		24.8	96.1	49-122

Blank (B2H1001-BLK1)
Prepared: 8/10/2012 Analyzed: 8/16/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Aldrin	U		0.99
alpha-BHC	U		0.99
beta-BHC	U		0.99
delta-BHC	U		0.99
gamma-BHC (Lindane)	U		0.99
4,4´-DDD	U		0.99
4,4´-DDE	U		0.99
4,4´-DDT	U		0.99
Dieldrin	U		0.99
Endosulfan I	U		0.99
Endosulfan II	U		0.99
Endosulfan sulfate	U		0.99
Endrin	U		0.99
Endrin aldehyde	U		0.99
Endrin ketone	U		0.99
Heptachlor	U		0.99
Heptachlor epoxide	U		0.99
Methoxychlor	U		0.99
alpha-Chlordane	U		0.99
gamma-Chlordane	U		0.99

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H1001 **Sample Type: Solid**

Blank (B2H1001-BLK1)
Prepared: 8/10/2012 Analyzed: 8/16/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Toxaphene	U		29.8
Aroclor-1016	U		19.8
Aroclor-1221	U		39.7
Aroclor-1232	U		19.8
Aroclor-1242	U		19.8
Aroclor-1248	U		19.8
Aroclor-1254	U		19.8
Aroclor-1260	U		19.8

LCS (B2H1001-BS1)
Prepared: 8/10/2012 Analyzed: 8/16/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: Tetrachloro-meta-xylene	11.6		24.7	46.7	41-112
Surr: Decachlorobiphenyl	23.4		24.7	94.6	49-122

LCS (B2H1001-BS1)
Prepared: 8/10/2012 Analyzed: 8/16/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Aldrin	13.3		0.99	24.7	53.7	21-107
alpha-BHC	13.8		0.99	24.7	55.6	22-100
beta-BHC	16.2		0.99	24.7	65.6	35-115
delta-BHC	18.1		0.99	24.7	73.3	41-123
gamma-BHC (Lindane)	14.5		0.99	24.7	58.6	35-108
4,4´-DDD	22.5		0.99	24.7	91.0	49-126

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H1001 **Sample Type: Solid**

LCS (B2H1001-BS1)

Prepared: 8/10/2012 Analyzed: 8/16/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
4,4´-DDE	21.4		0.99	24.7	86.6	35-123
4,4´-DDT	24.7		0.99	24.7	99.9	52-138
Dieldrin	19.3		0.99	24.7	78.0	43-124
Endosulfan I	17.6		0.99	24.7	71.1	40-121
Endosulfan II	23.1		0.99	24.7	93.5	57-129
Endosulfan sulfate	23.9		0.99	24.7	96.8	63-129
Endrin	20.4		0.99	24.7	82.5	51-122
Endrin aldehyde	19.1		0.99	24.7	77.0	31-112
Endrin ketone	23.5		0.99	24.7	95.0	62-133
Heptachlor	15.9		0.99	24.7	64.2	26-115
Heptachlor epoxide	18.2		0.99	24.7	73.5	39-116
Methoxychlor	26.2		0.99	24.7	106	60-140
alpha-Chlordane	16.0		0.99	24.7	64.6	36-118
gamma-Chlordane	18.5		0.99	24.7	74.7	38-113

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H1404 **Sample Type: Solid**

Blank (B2H1404-BLK1)
Prepared: 8/15/2012 Analyzed: 8/23/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: Tetrachloro-meta-xylene	12.9		23.9	54.1	41-112
Surr: Decachlorobiphenyl	15.7		23.9	65.8	49-122

Blank (B2H1404-BLK1)
Prepared: 8/15/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Aldrin	U		0.95
alpha-BHC	U		0.95
beta-BHC	U		0.95
delta-BHC	U		0.95
gamma-BHC (Lindane)	U		0.95
4,4´-DDD	U		0.95
4,4´-DDE	U		0.95
4,4´-DDT	U		0.95
Dieldrin	U		0.95
Endosulfan I	U		0.95
Endosulfan II	U		0.95
Endosulfan sulfate	U		0.95
Endrin	U		0.95
Endrin aldehyde	U		0.95
Endrin ketone	U		0.95
Heptachlor	U		0.95
Heptachlor epoxide	U		0.95
Methoxychlor	U		0.95
alpha-Chlordane	U		0.95
gamma-Chlordane	U		0.95

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H1404 **Sample Type: Solid**

Blank (B2H1404-BLK1)
Prepared: 8/15/2012 Analyzed: 8/23/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit
Toxaphene	U		28.6
Aroclor-1016	U		19.1
Aroclor-1221	U		38.2
Aroclor-1232	U		19.1
Aroclor-1242	U		19.1
Aroclor-1248	U		19.1
Aroclor-1254	U		19.1
Aroclor-1260	U		19.1

LCS (B2H1404-BS1)
Prepared: 8/15/2012 Analyzed: 8/23/2012

Surrogates

ANALYTE	Result µg/kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: Tetrachloro-meta-xylene	10.7		24.2	44.1	41-112
Surr: Decachlorobiphenyl	13.4		24.2	55.3	49-122

LCS (B2H1404-BS1)
Prepared: 8/15/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Aldrin	11.1		0.97	24.2	46.1	21-107
alpha-BHC	12.2		0.97	24.2	50.6	22-100
beta-BHC	12.0		0.97	24.2	49.6	35-115
delta-BHC	13.6		0.97	24.2	56.1	41-123
gamma-BHC (Lindane)	12.2		0.97	24.2	50.5	35-108
4,4´-DDD	15.1		0.97	24.2	62.7	49-126

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Pesticide/PCB by OLM04.2 - GC/ECD - Quality Control

Batch: B2H1404 **Sample Type: Solid**

LCS (B2H1404-BS1)

Prepared: 8/15/2012 Analyzed: 8/23/2012

Targets (Continued)

ANALYTE	Result µg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
4,4´-DDE	13.4		0.97	24.2	55.3	35-123
4,4´-DDT	15.4		0.97	24.2	63.5	52-138
Dieldrin	13.8		0.97	24.2	57.2	43-124
Endosulfan I	12.3		0.97	24.2	51.0	40-121
Endosulfan II	14.8		0.97	24.2	61.4	57-129
Endosulfan sulfate	15.7		0.97	24.2	64.8	63-129
Endrin	13.2		0.97	24.2	54.8	51-122
Endrin aldehyde	11.9		0.97	24.2	49.4	31-112
Endrin ketone	16.4		0.97	24.2	67.7	62-133
Heptachlor	12.0		0.97	24.2	49.8	26-115
Heptachlor epoxide	12.9		0.97	24.2	53.3	39-116
Methoxychlor	15.4		0.97	24.2	63.8	60-140
alpha-Chlordane	12.5		0.97	24.2	51.9	36-118
gamma-Chlordane	12.2		0.97	24.2	50.6	38-113

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2002 **Sample Type: Liquid**

Blank (B2H2002-BLK1)
Prepared: 8/20/2012 Analyzed: 8/29/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Aluminum	U		100
Barium	U		10.0
Beryllium	U		5.0
Cadmium	U		5.0
Calcium	U		150
Chromium	U		10.0
Cobalt	U		20.0
Copper	U		20.0
Iron	U		25.0
Magnesium	U		150
Manganese	U		5.0
Nickel	U		20.0
Potassium	U		1,000
Silver	U		10.0
Sodium	U		500
Vanadium	U		20.0
Zinc	U		20.0

LCS (B2H2002-BS1)
Prepared: 8/20/2012 Analyzed: 8/29/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Aluminum	987		100	1,000	98.7	75-125
Barium	1,790		10.0	2,000	89.7	75-125
Beryllium	46.0		5.0	50.0	92.0	75-125
Cadmium	44.6		5.0	50.0	89.2	75-125
Calcium	91,200		150	100,000	91.2	75-125

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2002 **Sample Type: Liquid**

LCS (B2H2002-BS1)

Prepared: 8/20/2012 Analyzed: 8/29/2012

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Chromium	368		10.0	400	92.1	75-125
Cobalt	177		20.0	200	88.6	75-125
Copper	366		20.0	400	91.5	75-125
Iron	909		25.0	1,000	90.9	75-125
Magnesium	94,900		150	100,000	94.9	75-125
Manganese	359		5.0	400	89.7	75-125
Nickel	342		20.0	400	85.6	75-125
Potassium	97,700		1,000	100,000	97.7	75-125
Silver	45.0		10.0	50.0	89.9	75-125
Sodium	95,300		500	100,000	95.3	75-125
Vanadium	379		20.0	400	94.7	75-125
Zinc	868		20.0	1,000	86.8	75-125

Matrix Spike (B2H2002-MS1)

Source: 1208005-15 Prepared: 8/20/2012 Analyzed: 8/29/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Aluminum	1,660		100	1,000	325	133 #	75-125
Barium	1,890		10.0	2,000	72.6	91.0	75-125
Beryllium	47.1		5.0	50.0	0.05	94.1	75-125
Cadmium	45.0		5.0	50.0		90.0	75-125
Calcium	114,000		150	100,000	23,300	91.1	75-125
Chromium	374		10.0	400	1.3	93.1	75-125
Cobalt	181		20.0	200	0.4	90.1	75-125
Copper	380		20.0	400	3.6	94.1	75-125
Iron	1,510		25.0	1,000	559	95.3	75-125
Magnesium	106,000		150	100,000	10,200	96.2	75-125

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2002 **Sample Type: Liquid**

Matrix Spike (B2H2002-MS1)

Source: 1208005-15 Prepared: 8/20/2012 Analyzed: 8/29/2012

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Manganese	496		5.0	400	139	89.1	75-125
Nickel	346		20.0	400	1.9	85.9	75-125
Potassium	104,000		1,000	100,000	3,550	100	75-125
Silver	45.9		10.0	50.0	0.4	90.9	75-125
Sodium	131,000		500	100,000	33,600	97.0	75-125
Vanadium	389		20.0	400	2.9	96.6	75-125
Zinc	877		20.0	1,000	4.7	87.2	75-125

Matrix Spike (B2H2002-MS2)

Source: 1208006-11 Prepared: 8/20/2012 Analyzed: 8/29/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Aluminum	1,650		100	1,000	319	133 #	75-125
Barium	1,890		10.0	2,000	118	88.6	75-125
Beryllium	46.2		5.0	50.0	0.1	92.2	75-125
Cadmium	44.1		5.0	50.0		88.2	75-125
Calcium	113,000		150	100,000	23,500	89.1	75-125
Chromium	366		10.0	400	1.2	91.1	75-125
Cobalt	176		20.0	200	0.6	87.7	75-125
Copper	370		20.0	400	3.7	91.6	75-125
Iron	1,670		25.0	1,000	706	95.9	75-125
Magnesium	104,000		150	100,000	10,100	94.2	75-125
Manganese	487		5.0	400	142	86.4	75-125
Nickel	337		20.0	400	0.9	84.0	75-125
Potassium	102,000		1,000	100,000	3,600	98.2	75-125
Silver	46.4		10.0	50.0	0.7	91.3	75-125
Sodium	128,000		500	100,000	33,600	94.6	75-125

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2002 **Sample Type: Liquid**

Matrix Spike (B2H2002-MS2)

Source: 1208006-11 Prepared: 8/20/2012 Analyzed: 8/29/2012

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Vanadium	380		20.0	400	2.6	94.2	75-125
Zinc	860		20.0	1,000	6.2	85.4	75-125

Matrix Spike Dup (B2H2002-MSD1)

Source: 1208005-15 Prepared: 8/20/2012 Analyzed: 8/29/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Aluminum	1,610		100	1,000	325	129 #	75-125	2.88	20
Barium	1,870		10.0	2,000	72.6	90.0	75-125	1.05	20
Beryllium	46.9		5.0	50.0	0.05	93.7	75-125	0.50	20
Cadmium	44.8		5.0	50.0		89.7	75-125	0.42	20
Calcium	114,000		150	100,000	23,300	90.3	75-125	0.71	20
Chromium	372		10.0	400	1.3	92.6	75-125	0.45	20
Cobalt	180		20.0	200	0.4	89.9	75-125	0.16	20
Copper	374		20.0	400	3.6	92.5	75-125	1.74	20
Iron	1,490		25.0	1,000	559	92.6	75-125	1.78	20
Magnesium	106,000		150	100,000	10,200	95.4	75-125	0.75	20
Manganese	491		5.0	400	139	87.8	75-125	0.98	20
Nickel	345		20.0	400	1.9	85.8	75-125	0.18	20
Potassium	103,000		1,000	100,000	3,550	99.2	75-125	1.02	20
Silver	46.1		10.0	50.0	0.4	91.4	75-125	0.52	20
Sodium	129,000		500	100,000	33,600	95.4	75-125	1.20	20
Vanadium	384		20.0	400	2.9	95.2	75-125	1.44	20
Zinc	873		20.0	1,000	4.7	86.8	75-125	0.46	20

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2002 **Sample Type: Liquid**

Matrix Spike Dup (B2H2002-MSD2)

Source: 1208006-11 Prepared: 8/20/2012 Analyzed: 8/29/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Aluminum	1,670		100	1,000	319	135	#	75-125	1.23	20
Barium	1,910		10.0	2,000	118	89.5		75-125	1.00	20
Beryllium	46.4		5.0	50.0	0.1	92.6		75-125	0.53	20
Cadmium	44.2		5.0	50.0		88.5		75-125	0.32	20
Calcium	113,000		150	100,000	23,500	89.3		75-125	0.13	20
Chromium	369		10.0	400	1.2	92.0		75-125	0.92	20
Cobalt	178		20.0	200	0.6	88.5		75-125	0.88	20
Copper	375		20.0	400	3.7	92.8		75-125	1.23	20
Iron	1,680		25.0	1,000	706	96.9		75-125	0.60	20
Magnesium	105,000		150	100,000	10,100	94.7		75-125	0.46	20
Manganese	488		5.0	400	142	86.5		75-125	0.13	20
Nickel	340		20.0	400	0.9	84.9		75-125	1.00	20
Potassium	103,000		1,000	100,000	3,600	99.0		75-125	0.78	20
Silver	45.4		10.0	50.0	0.7	89.3		75-125	2.17	20
Sodium	128,000		500	100,000	33,600	94.3		75-125	0.27	20
Vanadium	384		20.0	400	2.6	95.2		75-125	1.05	20
Zinc	872		20.0	1,000	6.2	86.6		75-125	1.39	20

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2204 **Sample Type: Solid**

Blank (B2H2204-BLK1)
Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Aluminum	U		10.0
Barium	U		1.0
Beryllium	U		0.5
Cadmium	U		0.5
Calcium	U		15.0
Chromium	U		1.0
Cobalt	U		2.0
Copper	U		2.0
Iron	U		2.5
Magnesium	U		15.0
Manganese	U		0.5
Nickel	U		2.0
Potassium	U		100
Silver	U		1.0
Sodium	U		50.0
Vanadium	U		2.0
Zinc	U		2.0

Blank (B2H2204-BLK2)
Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Aluminum	U		10.0
Barium	U		1.0
Beryllium	U		0.5
Cadmium	U		0.5
Calcium	U		15.0

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2204 **Sample Type: Solid**

Blank (B2H2204-BLK2)
Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets (Continued)

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Chromium	U		1.0
Cobalt	U		2.0
Copper	U		2.0
Iron	U		2.5
Magnesium	U		15.0
Manganese	U		0.5
Nickel	U		2.0
Potassium	U		100
Silver	U		1.0
Sodium	U		50.0
Vanadium	U		2.0
Zinc	U		2.0

LCS (B2H2204-BS1)
Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Aluminum	99.1		10.0	100	99.1	75-125
Barium	183		1.0	200	91.4	75-125
Beryllium	4.7		0.5	5.00	94.4	75-125
Cadmium	4.6		0.5	5.00	91.6	75-125
Calcium	9,190		15.0	10,000	91.9	75-125
Chromium	37.4		1.0	40.0	93.4	75-125
Cobalt	18.0		2.0	20.0	89.8	75-125
Copper	36.9		2.0	40.0	92.3	75-125
Iron	92.4		2.5	100	92.4	75-125
Magnesium	9,560		15.0	10,000	95.6	75-125

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2204 **Sample Type: Solid**

LCS (B2H2204-BS1)

Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets (Continued)

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Manganese	36.3		0.5	40.0	90.8	75-125
Nickel	34.8		2.0	40.0	87.1	75-125
Potassium	9,770		100	10,000	97.7	75-125
Silver	4.5		1.0	5.00	90.1	75-125
Sodium	9,500		50.0	10,000	95.0	75-125
Vanadium	38.1		2.0	40.0	95.2	75-125
Zinc	89.5		2.0	100	89.5	75-125

Matrix Spike (B2H2204-MS1)

Source: 1208005-05 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Aluminum	7,180		13.2	132	4,030	NR #	75-125
Barium	772		1.3	263	683	33.7 #	75-125
Beryllium	6.8		0.7	6.59	0.4	97.0	75-125
Cadmium	11.3		0.7	6.59	5.8	83.5	75-125
Calcium	28,300		19.8	13,200	17,300	83.4	75-125
Chromium	341		1.3	52.7	327	26.9 #	75-125
Cobalt	30.5		2.6	26.3	7.5	87.6	75-125
Copper	124		2.6	52.7	73.6	94.8	75-125
Iron	15,300		3.3	132	16,200	NR #	75-125
Magnesium	15,400		19.8	13,200	2,390	98.7	75-125
Manganese	568		0.7	52.7	569	NR #	75-125
Nickel	60.9		2.6	52.7	16.3	84.7	75-125
Potassium	14,400		132	13,200	904	102	75-125
Silver	9.1		1.3	6.59	5.0	61.7 #	75-125
Sodium	13,500		65.9	13,200	467	99.1	75-125

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2204 **Sample Type: Solid**

Matrix Spike (B2H2204-MS1)

Source: 1208005-05 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets (Continued)

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Vanadium	68.0		2.6	52.7	14.8	101		75-125
Zinc	1,210		2.6	132	1,200	7.76	#	75-125

Matrix Spike (B2H2204-MS2)

Source: 1208006-04 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Aluminum	13,400		16.0	160	8,420	NR	#	75-125
Barium	1,950		1.6	320	1,890	16.4	#	75-125
Beryllium	8.4		0.8	8.01	0.7	95.2		75-125
Cadmium	8.7		0.8	8.01	1.7	87.2		75-125
Calcium	24,000		24.0	16,000	9,450	90.9		75-125
Chromium	155		1.6	64.1	98.0	89.6		75-125
Cobalt	37.9		3.2	32.0	9.4	89.1		75-125
Copper	101		3.2	64.1	41.3	93.0		75-125
Iron	16,600		4.0	160	15,900	438	#	75-125
Magnesium	19,900		24.0	16,000	3,790	100		75-125
Manganese	362		0.8	64.1	304	90.4		75-125
Nickel	72.9		3.2	64.1	17.4	86.6		75-125
Potassium	17,400		160	16,000	1,500	99.1		75-125
Silver	7.3		1.6	8.01	0.02	90.4		75-125
Sodium	16,200		80.1	16,000	498	97.9		75-125
Vanadium	90.6		3.2	64.1	24.4	103		75-125
Zinc	534		3.2	160	430	65.0	#	75-125

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2204 **Sample Type: Solid**

Matrix Spike (B2H2204-MS3)

Source: 1208007-07 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Aluminum	19,600		18.6	186	15,500	NR	#	75-125
Barium	513		1.9	372	191	86.7		75-125
Beryllium	9.6		0.9	9.29	1.3	89.6		75-125
Cadmium	7.9		0.9	9.29		84.9		75-125
Calcium	21,700		27.9	18,600	5,450	87.7		75-125
Chromium	78.4		1.9	74.3	9.8	92.3		75-125
Cobalt	50.4		3.7	37.2	19.8	82.4		75-125
Copper	82.3		3.7	74.3	23.9	78.5		75-125
Iron	41,800		4.6	186	44,100	NR	#	75-125
Magnesium	24,900		27.9	18,600	6,980	96.2		75-125
Manganese	418		0.9	74.3	412	9.12	#	75-125
Nickel	92.8		3.7	74.3	31.8	82.0		75-125
Potassium	20,600		186	18,600	2,240	98.9		75-125
Silver	6.5		1.9	9.29		69.9	#	75-125
Sodium	18,600		92.9	18,600	1,180	93.6		75-125
Vanadium	107		3.7	74.3	36.2	95.0		75-125
Zinc	233		3.7	186	80.9	82.0		75-125

Matrix Spike Dup (B2H2204-MSD1)

Source: 1208005-05 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Aluminum	6,260		13.0	130	4,030	NR	#	75-125	13.7	20
Barium	860		1.3	260	683	67.8	#	75-125	10.8	20
Beryllium	6.6		0.7	6.51	0.4	94.9		75-125	3.02	20
Cadmium	11.1		0.7	6.51	5.8	81.8		75-125	1.53	20
Calcium	25,700		19.5	13,000	17,300	65.0	#	75-125	9.34	20

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2204 **Sample Type: Solid**

Matrix Spike Dup (B2H2204-MSD1)

Source: 1208005-05 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets (Continued)

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Chromium	331		1.3	52.1	327	6.96	#	75-125	3.14	20
Cobalt	30.2		2.6	26.0	7.5	87.3		75-125	1.09	20
Copper	122		2.6	52.1	73.6	92.1		75-125	1.64	20
Iron	15,700		3.3	130	16,200	NR	#	75-125	2.72	20
Magnesium	15,000		19.5	13,000	2,390	96.7		75-125	2.71	20
Manganese	543		0.7	52.1	569	NR	#	75-125	4.47	20
Nickel	60.8		2.6	52.1	16.3	85.4		75-125	0.18	20
Potassium	14,000		130	13,000	904	100		75-125	2.93	20
Silver	8.9		1.3	6.51	5.0	59.5	#	75-125	2.12	20
Sodium	13,300		65.1	13,000	467	98.2		75-125	1.95	20
Vanadium	64.8		2.6	52.1	14.8	96.0		75-125	4.82	20
Zinc	1,270		2.6	130	1,200	54.0	#	75-125	4.85	20

Matrix Spike Dup (B2H2204-MSD2)

Source: 1208006-04 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Aluminum	13,500		15.0	150	8,420	NR	#	75-125	1.12	20
Barium	2,360		1.5	301	1,890	154	#	75-125	19.1	20
Beryllium	8.0		0.8	7.51	0.7	96.3		75-125	4.84	20
Cadmium	7.9		0.8	7.51	1.7	81.5		75-125	10.5	20
Calcium	21,900		22.5	15,000	9,450	82.7		75-125	9.30	20
Chromium	126		1.5	60.1	98.0	46.4	#	75-125	21.0 #	20
Cobalt	37.2		3.0	30.1	9.4	92.5		75-125	1.96	20
Copper	95.6		3.0	60.1	41.3	90.4		75-125	5.35	20
Iron	15,800		3.8	150	15,900	NR	#	75-125	4.99	20
Magnesium	19,200		22.5	15,000	3,790	103		75-125	3.36	20

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2204 **Sample Type: Solid**

Matrix Spike Dup (B2H2204-MSD2)

Source: 1208006-04 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets (Continued)

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Manganese	332		0.8	60.1	304	46.7	#	75-125	8.63	20
Nickel	69.6		3.0	60.1	17.4	87.0		75-125	4.55	20
Potassium	16,700		150	15,000	1,500	101		75-125	3.76	20
Silver	6.9		1.5	7.51	0.02	91.0		75-125	5.79	20
Sodium	15,400		75.1	15,000	498	99.3		75-125	4.80	20
Vanadium	85.7		3.0	60.1	24.4	102		75-125	5.50	20
Zinc	440		3.0	150	430	6.69	#	75-125	19.3	20

Matrix Spike Dup (B2H2204-MSD3)

Source: 1208007-07 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Aluminum	21,600		18.0	180	15,500	NR	#	75-125	9.88	20
Barium	540		1.8	359	191	97.1		75-125	5.10	20
Beryllium	9.1		0.9	8.99	1.3	86.7		75-125	5.74	20
Cadmium	7.8		0.9	8.99		86.4		75-125	1.63	20
Calcium	21,500		27.0	18,000	5,450	89.2		75-125	1.18	20
Chromium	76.8		1.8	71.9	9.8	93.2		75-125	2.02	20
Cobalt	51.9		3.6	35.9	19.8	89.4		75-125	3.01	20
Copper	78.6		3.6	71.9	23.9	76.1		75-125	4.59	20
Iron	43,100		4.5	180	44,100	NR	#	75-125	3.18	20
Magnesium	25,000		27.0	18,000	6,980	100		75-125	0.66	20
Manganese	534		0.9	71.9	412	170	#	75-125	24.2 #	20
Nickel	92.7		3.6	71.9	31.8	84.7		75-125	0.09	20
Potassium	20,200		180	18,000	2,240	99.8		75-125	2.18	20
Silver	6.0		1.8	8.99		67.3	#	75-125	7.20	20
Sodium	17,800		89.9	18,000	1,180	92.7		75-125	4.00	20

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Metals by CLP ILMO5.3 - ICP - Quality Control

Batch: B2H2204 **Sample Type: Solid**

Matrix Spike Dup (B2H2204-MSD3)

Source: 1208007-07 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets (Continued)

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Vanadium	97.2		3.6	71.9	36.2	84.7	75-125	9.49	20
Zinc	232		3.6	180	80.9	84.1	75-125	0.51	20

Reference (B2H2204-SRM1)

Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Aluminum	97.8		9.9	115		85.0	47.6-152		
Barium	1.8		1.0	1.60		112	62.5-137		
Beryllium	4.8		0.5	4.90		98.3	61.2-138		
Cadmium	9.8		0.5	10.9		90.0	70.6-128		
Calcium	45,800		14.8	44,200		104	68.6-131		
Chromium	25.3		1.0	27.1		93.5	68.3-131		
Cobalt	35.9		2.0	37.4		95.9	64.7-135		
Copper	1,680		2.0	1,770		94.8	74.6-126		
Iron	6,270		2.5	6,470		96.8	66.2-133		
Magnesium	29,400		14.8	29,200		101	70.2-129		
Manganese	57.2		0.5	61.0		93.7	68.2-132		
Nickel	15.2		2.0	16.3		93.0	55.2-145		
Potassium	43.3		98.6	39.7		109	0-215		
Silver	10.4		1.0	5.90		177	# 45.8-154		
Sodium	21.6		49.3	72.5		29.8	0-298		
Vanadium	16.8		2.0	17.6		95.7	65.9-134		
Zinc	41.2		2.0	47.5		86.8	43.2-156		

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Metals by CLP ILMO5.3 - ICP/MS - Quality Control

Batch: B2H2003 **Sample Type: Liquid**

Blank (B2H2003-BLK1)
Prepared: 8/20/2012 Analyzed: 8/31/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Antimony	U		2.0
Arsenic	U		2.0
Lead	U		2.0
Selenium	U		2.0
Thallium	U		2.0

LCS (B2H2003-BS1)
Prepared: 8/20/2012 Analyzed: 8/31/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Antimony	210		2.0	200	105	85-115
Arsenic	218		2.0	200	109	85-115
Lead	212		2.0	200	106	85-115
Selenium	219		2.0	200	110	85-115
Thallium	211		2.0	200	106	85-115

Matrix Spike (B2H2003-MS1)
Source: 1208005-15 Prepared: 8/20/2012 Analyzed: 8/31/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Antimony	208		2.0	200	0.2	104	70-130
Arsenic	226		2.0	200	2.4	112	70-130
Lead	218		2.0	200	1.0	108	70-130
Selenium	221		2.0	200	1.2	110	70-130
Thallium	217		2.0	200	0.6	108	70-130

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Metals by CLP ILMO5.3 - ICP/MS - Quality Control

Batch: B2H2003 **Sample Type: Liquid**

Matrix Spike (B2H2003-MS2)

Source: 1208006-11 Prepared: 8/20/2012 Analyzed: 8/31/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Antimony	207		2.0	200	0.2	103	70-130
Arsenic	228		2.0	200	2.3	113	70-130
Lead	218		2.0	200	1.3	109	70-130
Selenium	226		2.0	200	0.8	113	70-130
Thallium	218		2.0	200	0.5	109	70-130

Matrix Spike Dup (B2H2003-MSD1)

Source: 1208005-15 Prepared: 8/20/2012 Analyzed: 8/31/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Antimony	202		2.0	200	0.2	101	70-130	2.64	20
Arsenic	221		2.0	200	2.4	110	70-130	2.18	20
Lead	210		2.0	200	1.0	105	70-130	3.55	20
Selenium	217		2.0	200	1.2	108	70-130	1.83	20
Thallium	210		2.0	200	0.6	105	70-130	3.02	20

Matrix Spike Dup (B2H2003-MSD2)

Source: 1208006-11 Prepared: 8/20/2012 Analyzed: 8/31/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Antimony	205		2.0	200	0.2	102	70-130	1.19	20
Arsenic	224		2.0	200	2.3	111	70-130	2.10	20
Lead	216		2.0	200	1.3	107	70-130	1.20	20
Selenium	224		2.0	200	0.8	111	70-130	1.03	20
Thallium	216		2.0	200	0.5	108	70-130	0.91	20

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Metals by CLP ILMO5.3 - ICP/MS - Quality Control

Batch: B2H2205 **Sample Type: Solid**

Blank (B2H2205-BLK1)
Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Antimony	U		1.0
Arsenic	U		1.0
Lead	U		1.0
Selenium	U		1.0
Thallium	U		1.0

Blank (B2H2205-BLK2)
Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Antimony	U		1.0
Arsenic	U		1.0
Lead	U		1.0
Selenium	U		1.0
Thallium	U		1.0

LCS (B2H2205-BS1)
Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Antimony	21.0		1.0	20.0	105	85-115
Arsenic	21.3		1.0	20.0	106	85-115
Lead	21.9		1.0	20.0	109	85-115
Selenium	21.8		1.0	20.0	109	85-115
Thallium	21.3		1.0	20.0	107	85-115

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Metals by CLP ILMO5.3 - ICP/MS - Quality Control

Batch: B2H2205 **Sample Type: Solid**

Matrix Spike (B2H2205-MS1)

Source: 1208005-05 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Antimony	14.8		1.3	25.5	4.8	39.1	#	75-125
Arsenic	56.6		1.3	25.5	28.6	110		75-125
Lead	833		1.3	25.5	803	118		75-125
Selenium	27.3		1.3	25.5	1.2	102		75-125
Thallium	18.0		1.3	25.5	0.8	67.4	#	75-125

Matrix Spike (B2H2205-MS2)

Source: 1208006-04 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Antimony	6.4		1.5	30.4	1.1	17.6	#	75-125
Arsenic	47.5		1.5	30.4	18.1	96.6		75-125
Lead	197		1.5	30.4	194	11.2	#	75-125
Selenium	35.3		1.5	30.4	2.8	107		75-125
Thallium	24.5		1.5	30.4	0.4	79.1		75-125

Matrix Spike (B2H2205-MS3)

Source: 1208007-07 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Antimony	3.2		1.9	37.1	0.09	8.38	#	75-125
Arsenic	66.1		1.9	37.1	24.0	113		75-125
Lead	57.8		1.9	37.1	20.9	99.6		75-125
Selenium	35.4		1.9	37.1	1.3	91.8		75-125
Thallium	38.6		1.9	37.1	0.6	102		75-125

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Metals by CLP ILMO5.3 - ICP/MS - Quality Control

Batch: B2H2205 **Sample Type: Solid**

Matrix Spike Dup (B2H2205-MSD1)

Source: 1208005-05 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Antimony	14.1		1.3	25.7	4.8	36.1	#	75-125	4.80	20
Arsenic	55.9		1.3	25.7	28.6	106		75-125	1.21	20
Lead	882		1.3	25.7	803	308	#	75-125	5.71	20
Selenium	25.8		1.3	25.7	1.2	95.6		75-125	5.50	20
Thallium	17.6		1.3	25.7	0.8	65.0	#	75-125	2.57	20

Matrix Spike Dup (B2H2205-MSD2)

Source: 1208006-04 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Antimony	5.8		1.5	30.7	1.1	15.2	#	75-125	10.9	20
Arsenic	46.8		1.5	30.7	18.1	93.6		75-125	1.42	20
Lead	198		1.5	30.7	194	14.1	#	75-125	0.46	20
Selenium	34.2		1.5	30.7	2.8	102		75-125	3.20	20
Thallium	23.5		1.5	30.7	0.4	75.2		75-125	4.03	20

Matrix Spike Dup (B2H2205-MSD3)

Source: 1208007-07 Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Antimony	3.4		1.7	34.7	0.09	9.43	#	75-125	4.97	20
Arsenic	52.1		1.7	34.7	24.0	80.8		75-125	23.8	# 20
Lead	56.3		1.7	34.7	20.9	102		75-125	2.56	20
Selenium	35.1		1.7	34.7	1.3	97.2		75-125	0.92	20
Thallium	37.0		1.7	34.7	0.6	105		75-125	4.08	20

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Metals by CLP ILMO5.3 - ICP/MS - Quality Control

Batch: B2H2205 **Sample Type: Solid**

Reference (B2H2205-SRM1)

Prepared: 8/22/2012 Analyzed: 9/4/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Antimony	80.6		2.5	66.0		122	41.8-157		
Arsenic	282		2.5	253		112	60.8-139		
Lead	62.2		2.5	56.9		109	72.7-127		
Selenium	11.6		2.5	10.0		116	41-159		
Thallium	10.8		2.5	9.50		114	30.5-169		

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Metals by CLP ILMO5.3 - CVAAS - Quality Control

Batch: B2H2206 **Sample Type: Solid**

Blank (B2H2206-BLK1)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Mercury	U		0.080

Blank (B2H2206-BLK2)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Mercury	U		0.080

Blank (B2H2206-BLK3)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Mercury	U		0.080

Blank (B2H2206-BLK4)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Mercury	U		0.080

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Metals by CLP ILMO5.3 - CVAAS - Quality Control

Batch: B2H2206 **Sample Type: Solid**

Blank (B2H2206-BLK5)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Mercury	U		0.080

Blank (B2H2206-BLK6)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Mercury	U		0.080

LCS (B2H2206-BS1)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Mercury	0.416		0.080	0.400	104	80-120

Calibration Check (B2H2206-CCV1)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	0.386			0.400		96.4	80-120

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Metals by CLP ILMO5.3 - CVAAS - Quality Control

Batch: B2H2206 **Sample Type: Solid**

Calibration Check (B2H2206-CCV2)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	0.381			0.400		95.2	80-120

Calibration Check (B2H2206-CCV3)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	0.379			0.400		94.8	80-120

Calibration Check (B2H2206-CCV4)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	0.375			0.400		93.7	80-120

Calibration Check (B2H2206-CCV5)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	0.379			0.400		94.7	80-120

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Metals by CLP ILMO5.3 - CVAAS - Quality Control

Batch: B2H2206 **Sample Type: Solid**

Matrix Spike (B2H2206-MS1)

Source: 1208005-05 Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Mercury	2.56		0.158	0.394	1.80	192	#	75-125

Matrix Spike (B2H2206-MS2)

Source: 1208006-04 Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	1.04		0.097	0.486	0.478	117	75-125

Matrix Spike (B2H2206-MS3)

Source: 1208007-07 Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	0.613		0.125	0.624	0.050	90.1	75-125

Matrix Spike Dup (B2H2206-MSD1)

Source: 1208005-05 Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Mercury	2.44		0.149	0.373	1.80	172	#	75-125	4.60	20

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Metals by CLP ILMO5.3 - CVAAS - Quality Control

Batch: B2H2206 **Sample Type: Solid**

Matrix Spike Dup (B2H2206-MSD2)

Source: 1208006-04 Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury	0.830		0.086	0.430	0.478	81.8	75-125	22.9 #	20

Matrix Spike Dup (B2H2206-MSD3)

Source: 1208007-07 Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury	0.571		0.118	0.590	0.050	88.3	75-125	7.10	20

Reference (B2H2206-SRM1)

Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury	4.08		0.769	3.59		114	51.8-148		

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Metals by CLP ILMO5.3 - CVAAS - Quality Control

Batch: B2H2404 **Sample Type: Liquid**

Blank (B2H2404-BLK1)
Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Mercury	U		0.200

Blank (B2H2404-BLK2)
Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Mercury	U		0.200

Blank (B2H2404-BLK3)
Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Mercury	U		0.200

Blank (B2H2404-BLK4)
Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Mercury	U		0.200

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Metals by CLP ILMO5.3 - CVAAS - Quality Control

Batch: B2H2404 **Sample Type: Liquid**

LCS (B2H2404-BS1)
Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Mercury	0.960		0.200	1.00	96.0	80-120

Calibration Check (B2H2404-CCV1)
Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	1.04			1.00		104	0-200

Calibration Check (B2H2404-CCV2)
Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	1.04			1.00		104	0-200

Calibration Check (B2H2404-CCV3)
Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	1.03			1.00		103	0-200

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Metals by CLP ILMO5.3 - CVAAS - Quality Control

Batch: B2H2404 **Sample Type: Liquid**

Matrix Spike (B2H2404-MS1)

Source: 1208005-15 Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	0.987		0.200	1.00	0.022	96.5	75-125

Matrix Spike (B2H2404-MS2)

Source: 1208006-11 Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	1.06		0.200	1.00	0.012	105	75-125

Matrix Spike Dup (B2H2404-MSD1)

Source: 1208005-15 Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury	1.03		0.200	1.00	0.022	101	75-125	4.26	20

Matrix Spike Dup (B2H2404-MSD2)

Source: 1208006-11 Prepared: 8/24/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury	1.06		0.200	1.00	0.012	105	75-125	0.00	20

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (LAB COPY)
DateShipped: 8/7/2012
CarrierName: FedEx
AirbillNo: 798705476976

CHAIN OF CUSTODY RECORD
Delta Shipyards
Cooler #: 2

No: 6-080712-100714-0009
Lab: EPA Region 6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
DSE-02-120-413	Waste/	Grab	Pest/PCB, SVOA, TM + Hg, VOA, VOA	6-463140 (Ice), 6-463141 (Ice), 6-463142 (Ice), 6-463143 (Ice), 6-463144 (Ice) (5)	DSE-02	08/06/2012 17:25	
DSE-02-144-413	Waste/	Grab	Pest/PCB, SVOA, TM + Hg, VOA, VOA	6-463145 (Ice), 6-463146 (Ice), 6-463147 (Ice), 6-463148 (Ice), 6-463149 (Ice) (5)	DSE-02	08/06/2012 17:25	
DSE-02-24-413	Waste/	Grab	Pest/PCB, SVOA, TM + Hg, VOA, VOA	6-463120 (Ice), 6-463121 (Ice), 6-463122 (Ice), 6-463123 (Ice), 6-463124 (Ice) (5)	DSE-02	08/06/2012 16:40	

Sample(s) to be used for Lab QC: DSE-02-144-413

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEX		8/7/12	Michael Fentiles								
				8/8/12	8:50						

Cooler Temp = 5° C.

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (LAB COPY)
DateShipped: 8/7/2012
CarrierName: FedEx
AirbillNo: 793874843510

CHAIN OF CUSTODY RECORD
Delta Shipyards
Cooler #: 1

No: 6-080712-095100-0008
Lab: EPA Region 6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
DSE-02-48-413	Waste/	Grab	Pest/PCB, SVOA, TM + Hg, VOA, VOA	6-463125 (Ice), 6-463126 (Ice), 6-463127 (Ice), 6-463128 (Ice), 6-463129 (Ice) (5)	DSE-02	08/06/2012 16:40	
DSE-02-72-413	Waste/	Grab	Pest/PCB, SVOA, TM + Hg, VOA, VOA	6-463130 (Ice), 6-463131 (Ice), 6-463132 (Ice), 6-463133 (Ice), 6-463134 (Ice) (5)	DSE-02	08/06/2012 17:10	
DSE-02-96-413	Waste/	Grab	Pest/PCB, SVOA, TM + Hg, VOA, VOA	6-463135 (Ice), 6-463136 (Ice), 6-463137 (Ice), 6-463138 (Ice), 6-463139 (Ice) (5)	DSE-02	08/06/2012 17:10	

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Sent to Cooler	[illegible]	8/7/12	Michael Fertitta	8/8/12	8:50						

Cooler Temp = 4°C.

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (LAB COPY)
DateShipped: 8/8/2012
CarrierName: FedEx
AirbillNo: 793879422590

CHAIN OF CUSTODY RECORD
Delta Shipyards
Cooler #: 1

No: 6-080812-081005-0020
Lab: EPA Region 6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
DSE-01-120-413	Waste/	Grab	VOA, VOA, Pest/PCB, SVOA, TM + Hg	6-463336 (Ice), 6-463337 (Ice), 6-463338 (Ice), 6-463339 (Ice), 6-463340 (Ice) (5)	DSE-01	08/08/2012 16:05	
DSE-01-144-413	Waste/	Grab	VOA, VOA, Pest/PCB, SVOA, TM + Hg	6-463341 (Ice), 6-463342 (Ice), 6-463343 (Ice), 6-463344 (Ice), 6-463345 (Ice) (5)	DSE-01	08/08/2012 16:05	
DSE-01-96-413	Waste/	Grab	VOA, VOA, Pest/PCB, SVOA, TM + Hg	6-463331 (Ice), 6-463332 (Ice), 6-463333 (Ice), 6-463334 (Ice), 6-463335 (Ice) (5)	DSE-01	08/08/2012 15:47	

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Samples to Fedex	[illegible]	8/8/12	Christy Warren	8/9/12	9:15						

Sample Temp = 4°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (LAB COPY)
DateShipped: 8/8/2012
CarrierName: FedEx
AirbillNo: 793879420531

CHAIN OF CUSTODY RECORD
Delta Shipyards
Cooler #: 1

No: 6-080812-080945-0019
Lab: EPA Region 6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
DSE-01-24-413	Waste/	Grab	VOA, VOA, Pest/PCB, SVOA, TM + Hg	6-463316 (Ice), 6-463317 (Ice), 6-463318 (Ice), 6-463319 (Ice), 6-463320 (Ice) (5)	DSE-01	08/08/2012 15:24	
DSE-01-48-413	Waste/	Grab	VOA, VOA, Pest/PCB, SVOA, TM + Hg	6-463321 (Ice), 6-463322 (Ice), 6-463323 (Ice), 6-463324 (Ice), 6-463325 (Ice) (5)	DSE-01	08/08/2012 15:24	
DSE-01-72-413	Waste/	Grab	VOA, VOA, Pest/PCB, SVOA, TM + Hg	6-463326 (Ice), 6-463327 (Ice), 6-463328 (Ice), 6-463329 (Ice), 6-463330 (Ice) (5)	DSE-01	08/08/2012 15:47	

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Samples to FedEx	[illegible]	8/8/12	Christy Warren	8/9/12	9:15						

Sample Temp = 5°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (LAB COPY)
DateShipped: 8/8/2012
CarrierName: FedEx
AirbillNo: 793879708046

CHAIN OF CUSTODY RECORD
Delta Shipyards
Cooler #: 2

No: 6-080812-172158-0039
Lab: EPA Region 6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
HNC-02-00-112	Water/	Grab	TM + Hg	6-463514 (HNO3 pH<2) (1)	HNC-02	08/08/2012 11:00	
HNC-02-03-611	Sediment/	Grab	TM + Hg	6-463548 (Ice) (1)	HNC-05	08/08/2012 11:10	
HNC-03-00-112	Water/	Grab	TM + Hg	6-463494 (HNO3 pH<2) (1)	HNC-03	08/08/2012 10:30	
HNC-03-03-612	Sediment/	Grab	TM + Hg	6-463399 (Ice) (1)	HNC-03	08/08/2012 10:40	
HNC-04-00-112	Water/	Grab	TM + Hg	6-463484 (HNO3 pH<2) (1)	HNC-04	08/08/2012 10:00	
HNC-04-03-612	Sediment/	Grab	TM + Hg	6-463404 (Ice) (1)	HNC-04	08/08/2012 10:10	
HNC-05-00-112	Water/	Grab	TM + Hg	6-463474 (HNO3 pH<2) (1)	HNC-05	08/08/2012 08:30	
HNC-05-03-612	Sediment/	Grab	TM + Hg	6-463409 (Ice) (1)	HNC-05	08/08/2012 08:50	

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/8/12	Christy Warren	8/9/12	9:15						

Sample Temp = 5°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (LAB COPY)
DateShipped: 8/8/2012
CarrierName: FedEx
AirbillNo: 798710326511

CHAIN OF CUSTODY RECORD
Delta Shipyards
Cooler #: 1

No: 6-080812-172115-0038
Lab: EPA Region 6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
BLC-04-00-112	Water/	Grab	TM + Hg, TM + Hg	6-463534 (HNO3 pH<2), 6-463543 (HNO3 pH<2) (2)	HNC-05	08/08/2012 15:05	
BLC-04-03-612	Sediment/	Grab	TM + Hg	6-463558 (Ice) (1)	HNC-05	08/08/2012 15:15	
DC-01-00-111	Water/	Grab	TM + Hg	6-463504 (HNO3 pH<2) (1)	DC-01	08/08/2012 09:30	
DC-01-03-611	Sediment/	Grab	TM + Hg	6-463394 (Ice) (1)	DC-01	08/08/2012 09:40	
HNC-01-00-112	Water/	Grab	TM + Hg	6-463524 (HNO3 pH<2) (1)	HNC-01	08/08/2012 11:30	
HNC-01-03-611	Sediment/	Grab	TM + Hg	6-463553 (Ice) (1)	HNC-05	08/08/2012 11:45	

Sample(s) to be used for Lab QC: BLC-04-00-112, BLC-04-03-612

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/8/12	Christy Warren	8/9/12	9:15						

Sample Temp = 4°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (LAB COPY)
DateShipped: 8/9/2012
CarrierName: FedEx
AirbillNo: 798715012909

CHAIN OF CUSTODY RECORD
Delta Shipyards
Cooler #: 1

No: 6-080912-090801-0041
Lab: EPA Region 6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
BLC-01-03-611	Sediment/	Grab	TM + Hg(21)	6-463523 (Ice) (1)	BLC-01	08/09/2012 09:40	
BLC-02-03-611	Sediment/	Grab	TM + Hg(21)	6-463618 (Ice) (1)	BLC-02	08/09/2012 09:15	
BLC-03-03-612	Sediment/	Grab	TM + Hg(21)	6-463593 (Ice) (1)	BLC-03	08/09/2012 08:40	
DSE-03-24-413	Waste/	Grab	VOA(21), VOA(21), Pest/PCB(21), SVOA(21), TM + Hg(21)	6-463564 (Ice), 6-463565 (Ice), 6-463566 (Ice), 6-463567 (Ice), 6-463568 (Ice) (5)	DSE-03	08/09/2012 18:15	
DSE-03-24-445	Water/	Grab	VOA(21), VOA(21), VOA(21)	6-463664 (HCl), 6-463665 (HCl), 6-463666 (HCl) (3)	DSE-03	08/09/2012 14:30	
DSE-03-48-413	Waste/	Grab	VOA(21), VOA(21), Pest/PCB(21), SVOA(21), TM + Hg(21)	6-463569 (Ice), 6-463570 (Ice), 6-463571 (Ice), 6-463572 (Ice), 6-463573 (Ice) (5)	DSE-03	08/09/2012 18:15	
MPC-01-03-611	Sediment/	Grab	TM + Hg(21)	6-463588 (Ice) (1)	MPC-01	08/09/2012 08:30	

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Sent to Fedex	[illegible]	8/9/12	Christy Warren	8/10/12	8:40						

Cooler Temp = 5°C.

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (LAB COPY)
DateShipped: 8/9/2012
CarrierName: FedEx
AirbillNo: 798718914607

CHAIN OF CUSTODY RECORD
Delta Shipyards
Cooler #: 2

No: 6-080912-170108-0061
Lab: EPA Region 6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
MF6AJ7	Water/	Grab	TM + Hg(21)	6-463613 (HNO3 pH<2) (1)	BLC-02-00-111	08/09/2012 09:10	
MF6AK2	Water/	Grab	TM + Hg(21)	6-463643 (HNO3 pH<2) (1)	BLC-01-00-111	08/09/2012 09:30	
MF6AK3	Water/	Grab	TM + Hg(21)	6-463653 (HNO3 pH<2) (1)	CC-04-00-112	08/09/2012 09:55	
MF6AK4	Water/	Grab	TM + Hg(21)	6-463663 (HNO3 pH<2) (1)	CC-04-00-122	08/09/2012 10:05	
MF6AL1	Water/	Grab	TM + Hg(21)	6-463705 (HNO3 pH<2) (1)	CC-01-00-111	08/09/2012 11:10	
MF6AL2	Water/	Grab	TM + Hg(21)	6-463715 (HNO3 pH<2) (1)	CC-02-00-112	08/09/2012 10:50	
MF6AL3	Water/	Grab	TM + Hg(21)	6-463725 (HNO3 pH<2) (1)	CC-03-00-112	08/09/2012 10:30	

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/9/12	C Warren	8/10/12	8:40						

Cooler Temp = 4°C.

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (REGION COPY)
DateShipped: 8/9/2012
CarrierName: FedEx
AirbillNo: 793888301630

CHAIN OF CUSTODY RECORD
Delta_Shipyard/LA
Cooler #: 3

No: 6-080912-170443-0062
Lab: EPA Region 6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
MF6AJ3	Water/	Grab	TM + Hg(21)	6-463583 (HNO3 pH<2) (1)	MPC-01-00-111	08/09/2012 08:15	Field Sample
MF6AJ6	Water/	Grab	TM + Hg(21)	6-463603 (HNO3 pH<2) (1)	BLC-03-00-112	08/09/2012 08:35	Field Sample
MF6AK0	Sediment/	Grab	TM + Hg(21)	6-463628 (Ice) (1)	CC-04-03-612	08/09/2012 10:00	Field Sample
MF6AK1	Sediment/	Grab	TM + Hg(21)	6-463633 (Ice) (1)	CC-04-03-622	08/09/2012 10:10	Field Duplicate
MF6AK8	Sediment/	Grab	TM + Hg(21)	6-463685 (Ice) (1)	CC-03-03-612	08/09/2012 10:35	Field Sample
MF6AK9	Sediment/	Grab	TM + Hg(21)	6-463690 (Ice) (1)	CC-02-03-612	08/09/2012 11:00	Field Sample
MF6AL0	Sediment/	Grab	TM + Hg(21)	6-463695 (Ice) (1)	CC-01-03-611	08/09/2012 11:15	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Fed Ex		8/9/12	Christy Warren	8/10/12	10:30						

Sample Temp=5°C

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Notes and Definitions

The units for surrogates on VOA solid samples are reported in µg/L instead of the expected µg/Kg for a solid sample. The difference is because the surrogate spiking procedure is a post sample preparation addition, and the units are based on the concentration of the surrogate in the diluted extract, not the solid sample.

RL	The reporting limit for this analyte was raised because absence or presence at the routine or lower value could not be verified"
NJ	There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.
K	The identification of the analyte is acceptable; the reported value may be biased high. The actual value is expected to be less than the reported value.
J	The identification of the analyte is acceptable; the reported value is an estimate.
A	This sample was extracted at a single acid pH.
HTS	Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.
AES	Atomic Emission Spectrometer
CVAA	Cold Vapor Atomic Absorption
ECD	Electron Capture Detector
GC	Gas Chromatograph
GFAA	Graphite Furnace Atomic Absorption
ICP	Inductively Coupled Plasma
MS	Mass Spectrometer
NA	Not Applicable
NPD	Nitrogen Phosphorous Detector
NR	Not Reported
TCLP	Toxicity Characteristic Leaching Procedure
U	Undetected
#	Out of QC limits

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds *per* square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.

ATTACHMENT F

CLP FINAL ANALYTICAL REPORTS FOR DELTA SHIPYARD

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

September 7, 2012

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Brenda Cook, Superfund Project Manager (6SF-TR)
Gary Moore, On-Scene Coordinator (6SF-PR)

Site: **DELTA SHIPYARD**

Case#: **42764**

SDG#: **MF6AA0**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: September 7, 2012

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Linda Hoffman, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-06-030
TO No.:	030
Task/Sub-Task:	2-12
ESAT Doc. No.:	B030-212-0084
TDF No.:	6-12-492B
ESAT File No.:	I-0573

Attached is the data review summary for Case # 42764
SDG # MF6AA0
Site Delta Shipyard

COMMENTS:

I. LEVEL OF DATA REVIEW

Region 6 Standard review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

The CCS and hardcopy review found the data package contractually compliant.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

Some results were qualified for technical problems. The significant problems are addressed below.

A. Laboratory blank readings caused the qualification of four beryllium results.

B. The antimony matrix spike recovery was below the QC limit.

C. The lead serial dilution difference exceeded the expanded QC limit for soils.

13000385

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

INORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	42764	SITE	Delta Shipyard
LABORATORY	CHEM	NO. OF SAMPLES	20
CONTRACT#	EP-W-09-038	MATRIX	1 Water/19 Soil
SDG#	MF6AA0	REVIEWER (IF NOT ESB)	ESAT
SOW#	ISM01.3	REVIEWER'S NAME	Linda Hoffman
SF#	303DD2GC	COMPLETION DATE	September 7, 2012

SAMPLE NO.					
	MF6AA0	MF6AA4	MF6AA8	MF6AB2	MF6AB7
	MF6AA1	MF6AA5	MF6AA9	MF6AB3	MF6AB8
	MF6AA2	MF6AA6	MF6AB0	MF6AB4	MF6AB9
	MF6AA3	MF6AA7	MF6AB1	MF6AB5	MF6AC1

DATA ASSESSMENT SUMMARY

	ICP	HG
1. HOLDING TIMES	O	O
2. CALIBRATIONS	O	O
3. BLANKS	M	O
4. MATRIX SPIKES	M	O
5. DUPLICATE ANALYSIS	O	O
6. ICP QC	M	
7. LCS	O	
8. SAMPLE VERIFICATION	O	O
9. OTHER QC	N/A	N/A
10. OVERALL ASSESSMENT	M	O

O = Data had no problems.
M = Data qualified due to major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREAS OF CONCERN: Laboratory blank readings caused the qualification of four beryllium results. The antimony matrix spike recovery was below the QC limit. The lead and zinc serial dilution differences exceeded the expanded QC limit for soils.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 42764 **SDG** MF6AA0 **SITE** Delta Shipyard **LAB** CHEM

COMMENTS: This SDG consisted of 1 water and 19 soil samples for total metals (by ICP-AES) and mercury analyses following CLP SOW ISM01.3. The sampler designated soil sample MF6AA4 and water sample MF6AB5 for laboratory QC analyses although the water sample was a rinsate. The laboratory was instructed by the Region not to perform QC analyses on the water sample.

The SOW requires that the soil sample results be adjusted for moisture content and dilution, which raised the adjusted QLs above the CRQLs specified in the SOW. The adjusted CRQLs were reported by the laboratory and are referred to as SQLs in this report.

Standard review was performed for this data package as requested by the TDF. The analytes of concern with the CRQLs, which are in parentheses, as the desired detection limits were arsenic (1 mg/kg) and barium (20 mg/kg). All soil samples contained both analytes of concern at concentrations over the desired detection limits. The laboratory diluted (up to 10X) and reanalyzed all soil samples except samples MF6AA4, MF6AA7, MF6AA9, and MF6AC1 because of high concentrations of barium, iron, manganese, and/or zinc.

DATA ASSESSMENT: The QC problems affecting data usability are addressed below.

- Because of laboratory blank readings, the reviewer qualified the beryllium results >SQLs for the following samples as estimated and biased high: MF6AB0, MF6AB2, MF6AB3, and MF6AB4.

- Because of laboratory blank readings, the beryllium result <SQL for sample MF6AB1 and the aluminum and copper results <CRQLs for sample MF6AB5 should be considered undetected and were flagged "U" at the SQL/CRQLs on the DST.

- The reviewer qualified the antimony soil sample results as estimated and biased low because the antimony pre-digestion matrix spike recovery was below the 75% QC limit and the post-digestion matrix spike analysis indicated a low bias effect.

- The reviewer qualified the lead and zinc soil sample results as estimated because the serial dilution differences for these analytes exceeded the expanded QC limit for soils.

OVERALL ASSESSMENT: Some results were qualified for all soil samples because of problems with laboratory blank readings, a matrix spike recovery, and/or serial dilution differences. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

INORGANIC QA REVIEW
CONTINUATION PAGE

CASE 42764 **SDG** MF6AA0 **SITE** Delta Shipyard **LAB** CHEM

The laboratory was contacted for some CSF and reporting issues (see Resubmission Request). The laboratory response will not affect the DST, so the DST included in this report is the final version.

13000388

INORGANIC ACRONYMS

CADRE	Computer-Aided Data Review and Evaluation
CCB	Continuing Calibration Blank
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CN	Cyanide
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DST	Data Summary Table
HG	Mercury
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
ICS	Interference Check Sample
ICV	Initial Calibration Verification
IS	Internal Standard
LCS	Laboratory Control Sample
MDL	Method Detection Limit
NFG	National Functional Guidelines
PE	Performance Evaluation
%D	Percent Difference
%R	Percent Recovery
%RI	Percent Relative Intensity
%RSD	Percent Relative Standard Deviation
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSCC	Regional Sample Control Center
SDG	Sample Delivery Group
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
TAL	Target Analyte List

HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
QCCOD: Sample QC Code
SMPQUAL: Sample Qualifier
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Inorganic Data Validation Qualifier (see Inorganic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
PRPDATE: Sample Preparation Date
LRDATE: Laboratory Receipt Date
LEVEL: Sample Level
PERSOLD: Sample Percent Solids
SMPWTVL: Sample Weight (Soil Samples)/Initial Sample Volume (Water Samples)
FINLVOL: Final Sample Volume
METHOD: Method of Analysis
STATLOC: Station Location

Disclaimer: **ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

L Reported concentration is between the MDL and the CRQL.

J Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.

R Result is unusable.

F A possibility of a false negative exists.

UC Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	PRPDATE	LRDATE	LEVEL	PERSOLD	SMPWTVL	FINVOL	METHOD	STATLOC
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7429905	Aluminum	200	U	ug/L	200	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440360	Antimony	60.0	U	ug/L	60.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440382	Arsenic	2.6	LJ	ug/L	10.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440393	Barium	200	U	ug/L	200	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440417	Beryllium	5.0	U	ug/L	5.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440439	Cadmium	5.0	U	ug/L	5.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440702	Calcium	55.3	LJ	ug/L	5000	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440473	Chromium	10.0	U	ug/L	10.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440484	Cobalt	50.0	U	ug/L	50.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440508	Copper	25.0	U	ug/L	25.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7439896	Iron	100	U	ug/L	100	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7439921	Lead	10.0	U	ug/L	10.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7439954	Magnesium	5000	U	ug/L	5000	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7439965	Manganese	15.0	U	ug/L	15.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/16/2012	16:55:00	7439976	Mercury	0.019	LJ	ug/L	0.20	08/06/2012	08/15/2012	08/08/2012	Low	0.0	100	100	CV	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440020	Nickel	40.0	U	ug/L	40.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440097	Potassium	5000	U	ug/L	5000	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7782492	Selenium	35.0	U	ug/L	35.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440224	Silver	10.0	U	ug/L	10.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440235	Sodium	5000	U	ug/L	5000	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440280	Thallium	25.0	U	ug/L	25.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440622	Vanadium	50.0	U	ug/L	50.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AB5	D3729-18	W	Field_Blank	08/14/2012	13:23:10	7440666	Zinc	6.8	LJ	ug/L	60.0	08/06/2012	08/10/2012	08/08/2012	Low	0.0	50	50	P	DSE-10-96-435
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7429905	Aluminum	12900		mg/kg	17.6	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440360	Antimony	3.5	LJ-	mg/kg	5.3	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440382	Arsenic	28.7		mg/kg	0.88	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/18/2012	13:04:11	7440393	Barium	5370		mg/kg	88.1	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440417	Beryllium	0.90		mg/kg	0.44	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440439	Cadmium	0.39	LJ	mg/kg	0.44	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440702	Calcium	31100		mg/kg	440	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440473	Chromium	18.4		mg/kg	0.88	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440484	Cobalt	7.0		mg/kg	4.4	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440508	Copper	28.3		mg/kg	2.2	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7439896	Iron	19500		mg/kg	8.8	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7439921	Lead	159	J	mg/kg	0.88	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7439954	Magnesium	4570		mg/kg	440	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7439965	Manganese	243		mg/kg	1.3	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/17/2012	11:18:00	7439976	Mercury	0.25		mg/kg	0.12	08/06/2012	08/15/2012	08/08/2012	Low	81.7	.52	100	CV	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440020	Nickel	25.4		mg/kg	3.5	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440097	Potassium	1930		mg/kg	440	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7782492	Selenium	1.4	LJ	mg/kg	3.1	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440224	Silver	0.36	LJ	mg/kg	0.88	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440235	Sodium	906		mg/kg	440	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440280	Thallium	2.2	U	mg/kg	2.2	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440622	Vanadium	29.7		mg/kg	4.4	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA0	D3729-01	S	Field_Sample	08/14/2012	13:56:24	7440666	Zinc	116	J	mg/kg	5.3	08/06/2012	08/13/2012	08/08/2012	Low	81.7	1.39	100	P	DSE-04-12-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7429905	Aluminum	15800		mg/kg	20.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440360	Antimony	2.3	LJ-	mg/kg	6.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440382	Arsenic	27.6		mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/18/2012	13:08:35	7440393	Barium	4360		mg/kg	100	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440417	Beryllium	1.0		mg/kg	0.50	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440439	Cadmium	0.59		mg/kg	0.50	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440702	Calcium	9080		mg/kg	500	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440473	Chromium	20.9		mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440484	Cobalt	13.8		mg/kg	5.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440508	Copper	25.9		mg/kg	2.5	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7439896	Iron	26000		mg/kg	10.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7439921	Lead	74.5	J	mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7439954	Magnesium	5240		mg/kg	500	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7439965	Manganese	367		mg/kg	1.5	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/17/2012	11:20:00	7439976	Mercury	0.068	LJ	mg/kg	0.12	08/06/2012	08/15/2012	08/08/2012	Low	73.0	.58	100	CV	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440020	Nickel	31.1		mg/kg	4.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440097	Potassium	2330		mg/kg	500	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7782492	Selenium	1.9	LJ	mg/kg	3.5	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440224	Silver	0.34	LJ	mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440235	Sodium	917		mg/kg	500	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440280	Thallium	2.5	U	mg/kg	2.5	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440622	Vanadium	37.9		mg/kg	5.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515
42764	MF6AA0	MF6AA1	D3729-02	S	Field_Sample	08/14/2012	14:02:54	7440666	Zinc	137	J	mg/kg	6.0	08/06/2012	08/13/2012	08/08/2012	Low	73.0	1.37	100	P	DSE-04-24-515

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42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7429905	Aluminum	18900		mg/kg	26.7	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440360	Antimony	2.1	LJ-	mg/kg	8.0	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440382	Arsenic	26.4		mg/kg	1.3	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/18/2012	13:12:59	7440393	Barium	3300		mg/kg	133	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440417	Beryllium	1.3		mg/kg	0.67	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440439	Cadmium	0.15	LJ	mg/kg	0.67	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440702	Calcium	9290		mg/kg	667	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440473	Chromium	20.8		mg/kg	1.3	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440484	Cobalt	11.3		mg/kg	6.7	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440508	Copper	24.0		mg/kg	3.3	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7439896	Iron	24600		mg/kg	13.3	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7439921	Lead	42.3	J	mg/kg	1.3	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7439954	Magnesium	6510		mg/kg	667	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7439965	Manganese	296		mg/kg	2.0	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/17/2012	11:22:00	7439976	Mercury	0.054	LJ	mg/kg	0.17	08/06/2012	08/15/2012	08/08/2012	Low	52.8	.56	100	CV	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440020	Nickel	29.9		mg/kg	5.3	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440097	Potassium	3490		mg/kg	667	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7782492	Selenium	2.1	LJ	mg/kg	4.7	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440224	Silver	0.27	LJ	mg/kg	1.3	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440235	Sodium	1170		mg/kg	667	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440280	Thallium	3.3	U	mg/kg	3.3	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440622	Vanadium	42.2		mg/kg	6.7	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA2	D3729-03	S	Field_Sample	08/14/2012	14:09:27	7440666	Zinc	88.1	J	mg/kg	8.0	08/06/2012	08/13/2012	08/08/2012	Low	52.8	1.42	100	P	DSE-04-48-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7429905	Aluminum	19200		mg/kg	21.6	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440360	Antimony	1.9	LJ-	mg/kg	6.5	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440382	Arsenic	12.4		mg/kg	1.1	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/18/2012	13:17:24	7440393	Barium	2970		mg/kg	108	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440417	Beryllium	1.3		mg/kg	0.54	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440439	Cadmium	0.31	LJ	mg/kg	0.54	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440702	Calcium	14700		mg/kg	539	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440473	Chromium	22.8		mg/kg	1.1	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440484	Cobalt	12.6		mg/kg	5.4	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440508	Copper	26.0		mg/kg	2.7	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7439896	Iron	23100		mg/kg	10.8	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7439921	Lead	52.6	J	mg/kg	1.1	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7439954	Magnesium	6160		mg/kg	539	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7439965	Manganese	343		mg/kg	1.6	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/17/2012	11:24:00	7439976	Mercury	0.061	LJ	mg/kg	0.15	08/06/2012	08/15/2012	08/08/2012	Low	63.5	.54	100	CV	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440020	Nickel	30.0		mg/kg	4.3	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440097	Potassium	2530		mg/kg	539	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7782492	Selenium	2.0	LJ	mg/kg	3.8	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440224	Silver	0.19	LJ	mg/kg	1.1	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440235	Sodium	1300		mg/kg	539	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440280	Thallium	2.7	U	mg/kg	2.7	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440622	Vanadium	41.8		mg/kg	5.4	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA3	D3729-04	S	Field_Sample	08/14/2012	14:16:05	7440666	Zinc	109	J	mg/kg	6.5	08/06/2012	08/13/2012	08/08/2012	Low	63.5	1.46	100	P	DSE-04-72-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7429905	Aluminum	27300		mg/kg	27.7	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440360	Antimony	1.5	LJ-	mg/kg	8.3	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440382	Arsenic	8.4		mg/kg	1.4	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440393	Barium	385		mg/kg	27.7	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440417	Beryllium	1.7		mg/kg	0.69	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440439	Cadmium	0.14	LJ	mg/kg	0.69	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440702	Calcium	7560		mg/kg	692	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440473	Chromium	28.0		mg/kg	1.4	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440484	Cobalt	20.5		mg/kg	6.9	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440508	Copper	36.4		mg/kg	3.5	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7439896	Iron	34200		mg/kg	13.8	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7439921	Lead	32.5	J	mg/kg	1.4	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7439954	Magnesium	9110		mg/kg	692	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7439965	Manganese	260		mg/kg	2.1	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/17/2012	11:26:00	7439976	Mercury	0.028	LJ	mg/kg	0.19	08/06/2012	08/15/2012	08/08/2012	Low	52.0	.5	100	CV	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440020	Nickel	46.6		mg/kg	5.5	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440097	Potassium	3840		mg/kg	692	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7782492	Selenium	2.7	LJ	mg/kg	4.8	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440224	Silver	0.25	LJ	mg/kg	1.4	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440235	Sodium	1820		mg/kg	692	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440280	Thallium	3.5	U	mg/kg	3.5	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440622	Vanadium	54.2		mg/kg	6.9	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515
42764	MF6AA0	MF6AA4	D3729-05	S	Field_Sample	08/14/2012	14:22:39	7440666	Zinc	114	J	mg/kg	8.3	08/06/2012	08/13/2012	08/08/2012	Low	52.0	1.39	100	P	DSE-04-96-515

42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7429905	Aluminum	13900		mg/kg	20.2	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440360	Antimony	5.0	LJ-	mg/kg	6.1	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440382	Arsenic	38.9		mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/18/2012	13:21:48	7440393	Barium	7750		mg/kg	101	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440417	Beryllium	0.86		mg/kg	0.51	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440439	Cadmium	0.70		mg/kg	0.51	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440702	Calcium	36800		mg/kg	505	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440473	Chromium	23.4		mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440484	Cobalt	10.4		mg/kg	5.1	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440508	Copper	37.0		mg/kg	2.5	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7439896	Iron	19600		mg/kg	10.1	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7439921	Lead	154	J	mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7439954	Magnesium	5200		mg/kg	505	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7439965	Manganese	293		mg/kg	1.5	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/17/2012	11:34:00	7439976	Mercury	0.26		mg/kg	0.13	08/06/2012	08/15/2012	08/08/2012	Low	69.7	.54	100	CV	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440020	Nickel	31.3		mg/kg	4.0	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440097	Potassium	2150		mg/kg	505	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7782492	Selenium	1.2	LJ	mg/kg	3.5	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440224	Silver	0.37	LJ	mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440235	Sodium	851		mg/kg	505	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440280	Thallium	2.5	U	mg/kg	2.5	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440622	Vanadium	33.0		mg/kg	5.1	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA5	D3729-08	S	Field_Sample	08/14/2012	15:01:17	7440666	Zinc	193	J	mg/kg	6.1	08/06/2012	08/13/2012	08/08/2012	Low	69.7	1.42	100	P	DSE-07-12-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7429905	Aluminum	15900		mg/kg	18.4	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440360	Antimony	2.9	LJ-	mg/kg	5.5	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440382	Arsenic	54.7		mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/18/2012	13:34:51	7440393	Barium	4520		mg/kg	91.8	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440417	Beryllium	0.89		mg/kg	0.46	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440439	Cadmium	0.30	LJ	mg/kg	0.46	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440702	Calcium	7090		mg/kg	459	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440473	Chromium	20.8		mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440484	Cobalt	11.8		mg/kg	4.6	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440508	Copper	25.9		mg/kg	2.3	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7439896	Iron	20500		mg/kg	9.2	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7439921	Lead	83.0	J	mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7439954	Magnesium	5600		mg/kg	459	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7439965	Manganese	309		mg/kg	1.4	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/17/2012	11:36:00	7439976	Mercury	0.32		mg/kg	0.13	08/06/2012	08/15/2012	08/08/2012	Low	77.8	.5	100	CV	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440020	Nickel	31.5		mg/kg	3.7	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440097	Potassium	2530		mg/kg	459	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7782492	Selenium	1.5	LJ	mg/kg	3.2	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440224	Silver	0.26	LJ	mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440235	Sodium	996		mg/kg	459	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440280	Thallium	2.3	U	mg/kg	2.3	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440622	Vanadium	37.2		mg/kg	4.6	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA6	D3729-09	S	Field_Sample	08/14/2012	15:08:08	7440666	Zinc	99.4	J	mg/kg	5.5	08/06/2012	08/13/2012	08/08/2012	Low	77.8	1.4	100	P	DSE-07-24-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7429905	Aluminum	14000		mg/kg	20.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440360	Antimony	1.3	LJ-	mg/kg	6.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440382	Arsenic	11.0		mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440393	Barium	1950		mg/kg	20.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440417	Beryllium	0.89		mg/kg	0.50	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440439	Cadmium	0.22	LJ	mg/kg	0.50	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440702	Calcium	9900		mg/kg	501	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440473	Chromium	16.4		mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440484	Cobalt	9.8		mg/kg	5.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440508	Copper	20.9		mg/kg	2.5	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7439896	Iron	18100		mg/kg	10.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7439921	Lead	31.5	J	mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7439954	Magnesium	6020		mg/kg	501	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7439965	Manganese	330		mg/kg	1.5	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/17/2012	11:38:00	7439976	Mercury	0.12	LJ	mg/kg	0.15	08/06/2012	08/15/2012	08/08/2012	Low	67.5	.51	100	CV	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440020	Nickel	27.1		mg/kg	4.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440097	Potassium	2470		mg/kg	501	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7782492	Selenium	1.3	LJ	mg/kg	3.5	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440224	Silver	0.21	LJ	mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440235	Sodium	936		mg/kg	501	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440280	Thallium	2.5	U	mg/kg	2.5	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440622	Vanadium	31.5		mg/kg	5.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515
42764	MF6AA0	MF6AA7	D3729-10	S	Field_Sample	08/14/2012	15:14:58	7440666	Zinc	85.6	J	mg/kg	6.0	08/06/2012	08/13/2012	08/08/2012	Low	67.5	1.48	100	P	DSE-07-48-515

42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7429905	Aluminum	22900		mg/kg	23.6	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440360	Antimony	2.4	LJ-	mg/kg	7.1	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440382	Arsenic	11.1		mg/kg	1.2	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440393	Barium	301		mg/kg	23.6	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440417	Beryllium	1.4		mg/kg	0.59	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440439	Cadmium	0.11	LJ	mg/kg	0.59	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440702	Calcium	10800		mg/kg	591	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440473	Chromium	22.8		mg/kg	1.2	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440484	Cobalt	20.9		mg/kg	5.9	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440508	Copper	23.3		mg/kg	3.0	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/18/2012	13:39:15	7439896	Iron	65700		mg/kg	59.1	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7439921	Lead	32.4	J	mg/kg	1.2	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7439954	Magnesium	7520		mg/kg	591	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/18/2012	13:39:15	7439965	Manganese	4530		mg/kg	8.9	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/17/2012	11:40:00	7439976	Mercury	0.040	LJ	mg/kg	0.14	08/06/2012	08/15/2012	08/08/2012	Low	61.3	.58	100	CV	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440020	Nickel	39.0		mg/kg	4.7	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440097	Potassium	3130		mg/kg	591	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7782492	Selenium	3.4	LJ	mg/kg	4.1	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440224	Silver	1.0	LJ	mg/kg	1.2	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440235	Sodium	1330		mg/kg	591	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440280	Thallium	1.6	LJ	mg/kg	3.0	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440622	Vanadium	53.9		mg/kg	5.9	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA8	D3729-11	S	Field_Sample	08/14/2012	15:21:45	7440666	Zinc	104	J	mg/kg	7.1	08/06/2012	08/13/2012	08/08/2012	Low	61.3	1.38	100	P	DSE-07-72-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7429905	Aluminum	23000		mg/kg	24.6	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440360	Antimony	1.7	LJ-	mg/kg	7.4	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440382	Arsenic	6.0		mg/kg	1.2	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440393	Barium	314		mg/kg	24.6	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440417	Beryllium	1.6		mg/kg	0.62	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440439	Cadmium	0.050	LJ	mg/kg	0.62	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440702	Calcium	6770		mg/kg	616	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440473	Chromium	23.2		mg/kg	1.2	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440484	Cobalt	16.9		mg/kg	6.2	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440508	Copper	25.2		mg/kg	3.1	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7439896	Iron	29800		mg/kg	12.3	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7439921	Lead	26.8	J	mg/kg	1.2	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7439954	Magnesium	7550		mg/kg	616	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7439965	Manganese	366		mg/kg	1.8	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/17/2012	11:42:00	7439976	Mercury	0.040	LJ	mg/kg	0.17	08/06/2012	08/15/2012	08/08/2012	Low	56.4	.51	100	CV	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440020	Nickel	37.7		mg/kg	4.9	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440097	Potassium	3530		mg/kg	616	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7782492	Selenium	3.1	LJ	mg/kg	4.3	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440224	Silver	0.23	LJ	mg/kg	1.2	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440235	Sodium	1740		mg/kg	616	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440280	Thallium	3.1	U	mg/kg	3.1	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440622	Vanadium	58.0		mg/kg	6.2	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AA9	D3729-12	S	Field_Sample	08/14/2012	15:28:13	7440666	Zinc	99.8	J	mg/kg	7.4	08/06/2012	08/13/2012	08/08/2012	Low	56.4	1.44	100	P	DSE-07-96-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7429905	Aluminum	6720		mg/kg	18.4	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440360	Antimony	6.1	J-	mg/kg	5.5	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440382	Arsenic	18.3		mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/18/2012	13:43:32	7440393	Barium	11400		mg/kg	184	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440417	Beryllium	0.49	J+	mg/kg	0.46	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440439	Cadmium	3.8		mg/kg	0.46	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440702	Calcium	12100		mg/kg	460	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440473	Chromium	40.7		mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440484	Cobalt	4.9		mg/kg	4.6	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440508	Copper	54.5		mg/kg	2.3	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7439896	Iron	15200		mg/kg	9.2	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7439921	Lead	607	J	mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7439954	Magnesium	2790		mg/kg	460	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7439965	Manganese	389		mg/kg	1.4	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/17/2012	11:44:00	7439976	Mercury	0.85		mg/kg	0.12	08/06/2012	08/15/2012	08/08/2012	Low	78.2	.53	100	CV	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440020	Nickel	20.0		mg/kg	3.7	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440097	Potassium	961		mg/kg	460	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7782492	Selenium	1.4	LJ	mg/kg	3.2	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440224	Silver	2.5		mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440235	Sodium	314	LJ	mg/kg	460	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440280	Thallium	2.3	U	mg/kg	2.3	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440622	Vanadium	19.2		mg/kg	4.6	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515
42764	MF6AA0	MF6AB0	D3729-13	S	Field_Sample	08/14/2012	15:34:36	7440666	Zinc	628	J	mg/kg	5.5	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-12-515

42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7429905	Aluminum	4130		mg/kg	18.4	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440360	Antimony	18.0	J-	mg/kg	5.5	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440382	Arsenic	62.5		mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/18/2012	13:47:58	7440393	Barium	3570		mg/kg	92.0	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440417	Beryllium	0.46	U	mg/kg	0.46	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440439	Cadmium	18.3		mg/kg	0.46	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440702	Calcium	10600		mg/kg	460	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440473	Chromium	52.6		mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440484	Cobalt	7.0		mg/kg	4.6	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440508	Copper	109		mg/kg	2.3	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/18/2012	13:47:58	7439896	Iron	32200		mg/kg	46.0	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7439921	Lead	2170	J	mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7439954	Magnesium	2150		mg/kg	460	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7439965	Manganese	671		mg/kg	1.4	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/17/2012	11:46:00	7439976	Mercury	1.8		mg/kg	0.12	08/06/2012	08/15/2012	08/08/2012	Low	78.2	.54	100	CV	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440020	Nickel	18.7		mg/kg	3.7	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440097	Potassium	641		mg/kg	460	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7782492	Selenium	2.5	LJ	mg/kg	3.2	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440224	Silver	8.9		mg/kg	0.92	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440235	Sodium	332	LJ	mg/kg	460	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440280	Thallium	2.0	LJ	mg/kg	2.3	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/14/2012	15:41:25	7440622	Vanadium	17.9		mg/kg	4.6	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB1	D3729-14	S	Field_Sample	08/18/2012	13:47:58	7440666	Zinc	2810	J	mg/kg	27.6	08/06/2012	08/13/2012	08/08/2012	Low	78.2	1.39	100	P	DSE-10-24-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7429905	Aluminum	9290		mg/kg	19.8	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440360	Antimony	9.0	J-	mg/kg	5.9	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440382	Arsenic	45.1		mg/kg	0.99	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/28/2012	14:50:32	7440393	Barium	7070		mg/kg	198	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440417	Beryllium	0.62	J+	mg/kg	0.50	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440439	Cadmium	2.4		mg/kg	0.50	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440702	Calcium	6880		mg/kg	496	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440473	Chromium	23.6		mg/kg	0.99	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440484	Cobalt	9.9		mg/kg	5.0	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440508	Copper	41.7		mg/kg	2.5	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7439896	Iron	19300		mg/kg	9.9	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7439921	Lead	451	J	mg/kg	0.99	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7439954	Magnesium	4130		mg/kg	496	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7439965	Manganese	365		mg/kg	1.5	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/17/2012	11:48:00	7439976	Mercury	0.49		mg/kg	0.12	08/06/2012	08/15/2012	08/08/2012	Low	76.4	.54	100	CV	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440020	Nickel	23.8		mg/kg	4.0	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440097	Potassium	1530		mg/kg	496	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7782492	Selenium	1.2	LJ	mg/kg	3.5	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440224	Silver	1.2		mg/kg	0.99	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440235	Sodium	636		mg/kg	496	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440280	Thallium	2.5	U	mg/kg	2.5	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440622	Vanadium	23.2		mg/kg	5.0	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB2	D3729-15	S	Field_Sample	08/14/2012	15:47:56	7440666	Zinc	402	J	mg/kg	5.9	08/06/2012	08/13/2012	08/08/2012	Low	76.4	1.32	100	P	DSE-10-48-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7429905	Aluminum	7760		mg/kg	20.1	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440360	Antimony	11.9	J-	mg/kg	6.0	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440382	Arsenic	46.9		mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/28/2012	14:55:20	7440393	Barium	7020		mg/kg	201	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440417	Beryllium	0.62	J+	mg/kg	0.50	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440439	Cadmium	4.5		mg/kg	0.50	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440702	Calcium	7390		mg/kg	502	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440473	Chromium	24.3		mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440484	Cobalt	8.9		mg/kg	5.0	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440508	Copper	54.7		mg/kg	2.5	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7439896	Iron	21200		mg/kg	10.0	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7439921	Lead	741	J	mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7439954	Magnesium	3590		mg/kg	502	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7439965	Manganese	479		mg/kg	1.5	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/17/2012	11:50:00	7439976	Mercury	1.4		mg/kg	0.13	08/06/2012	08/15/2012	08/08/2012	Low	68.2	.57	100	CV	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440020	Nickel	21.3		mg/kg	4.0	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440097	Potassium	1260		mg/kg	502	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7782492	Selenium	1.6	LJ	mg/kg	3.5	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440224	Silver	2.8		mg/kg	1.0	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440235	Sodium	581		mg/kg	502	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440280	Thallium	2.5	U	mg/kg	2.5	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440622	Vanadium	21.0		mg/kg	5.0	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515
42764	MF6AA0	MF6AB3	D3729-16	S	Field_Sample	08/14/2012	15:54:45	7440666	Zinc	684	J	mg/kg	6.0	08/06/2012	08/13/2012	08/08/2012	Low	68.2	1.46	100	P	DSE-10-72-515

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42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7429905	Aluminum	6520		mg/kg	17.8	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440360	Antimony	7.1	J-	mg/kg	5.3	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440382	Arsenic	26.0		mg/kg	0.89	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/18/2012	13:52:21	7440393	Barium	7130		mg/kg	88.8	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440417	Beryllium	0.54	J+	mg/kg	0.44	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440439	Cadmium	4.9		mg/kg	0.44	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440702	Calcium	9030		mg/kg	444	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440473	Chromium	17.0		mg/kg	0.89	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440484	Cobalt	6.6		mg/kg	4.4	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440508	Copper	43.3		mg/kg	2.2	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7439896	Iron	18800		mg/kg	8.9	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7439921	Lead	799	J	mg/kg	0.89	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7439954	Magnesium	3720		mg/kg	444	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7439965	Manganese	468		mg/kg	1.3	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/17/2012	11:52:00	7439976	Mercury	0.86		mg/kg	0.11	08/06/2012	08/15/2012	08/08/2012	Low	77.1	.59	100	CV	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440020	Nickel	16.7		mg/kg	3.6	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440097	Potassium	1090		mg/kg	444	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7782492	Selenium	1.4	LJ	mg/kg	3.1	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440224	Silver	3.0		mg/kg	0.89	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440235	Sodium	593		mg/kg	444	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440280	Thallium	2.2	U	mg/kg	2.2	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440622	Vanadium	19.6		mg/kg	4.4	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB4	D3729-17	S	Field_Sample	08/14/2012	16:01:17	7440666	Zinc	734	J	mg/kg	5.3	08/06/2012	08/13/2012	08/08/2012	Low	77.1	1.46	100	P	DSE-10-96-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7429905	Aluminum	17300		mg/kg	21.0	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440360	Antimony	4.4	LJ-	mg/kg	6.3	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440382	Arsenic	35.2		mg/kg	1.0	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/18/2012	13:56:45	7440393	Barium	11800		mg/kg	210	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440417	Beryllium	1.0		mg/kg	0.52	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440439	Cadmium	0.95		mg/kg	0.52	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440702	Calcium	8220		mg/kg	524	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440473	Chromium	36.4		mg/kg	1.0	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440484	Cobalt	13.4		mg/kg	5.2	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440508	Copper	35.8		mg/kg	2.6	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7439896	Iron	25300		mg/kg	10.5	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7439921	Lead	129	J	mg/kg	1.0	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7439954	Magnesium	5900		mg/kg	524	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7439965	Manganese	936		mg/kg	1.6	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/17/2012	11:54:00	7439976	Mercury	0.19		mg/kg	0.13	08/07/2012	08/15/2012	08/09/2012	Low	68.1	.56	100	CV	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440020	Nickel	39.2		mg/kg	4.2	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440097	Potassium	2830		mg/kg	524	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7782492	Selenium	1.7	LJ	mg/kg	3.7	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440224	Silver	0.59	LJ	mg/kg	1.0	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440235	Sodium	405	LJ	mg/kg	524	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440280	Thallium	2.6	U	mg/kg	2.6	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440622	Vanadium	39.1		mg/kg	5.2	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB7	D3729-19	S	Field_Sample	08/14/2012	16:21:05	7440666	Zinc	217	J	mg/kg	6.3	08/07/2012	08/13/2012	08/09/2012	Low	68.1	1.4	100	P	DSE-13-12-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7429905	Aluminum	18300		mg/kg	20.6	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440360	Antimony	3.3	LJ-	mg/kg	6.2	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440382	Arsenic	27.7		mg/kg	1.0	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/18/2012	14:01:09	7440393	Barium	10300		mg/kg	206	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440417	Beryllium	1.1		mg/kg	0.51	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440439	Cadmium	0.81		mg/kg	0.51	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440702	Calcium	10200		mg/kg	514	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440473	Chromium	35.8		mg/kg	1.0	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440484	Cobalt	13.2		mg/kg	5.1	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440508	Copper	30.6		mg/kg	2.6	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7439896	Iron	25700		mg/kg	10.3	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7439921	Lead	96.0	J	mg/kg	1.0	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7439954	Magnesium	5910		mg/kg	514	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7439965	Manganese	531		mg/kg	1.5	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/17/2012	11:56:00	7439976	Mercury	0.18		mg/kg	0.13	08/07/2012	08/15/2012	08/09/2012	Low	69.0	.54	100	CV	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440020	Nickel	36.4		mg/kg	4.1	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440097	Potassium	2740		mg/kg	514	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7782492	Selenium	1.8	LJ	mg/kg	3.6	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440224	Silver	0.47	LJ	mg/kg	1.0	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440235	Sodium	580		mg/kg	514	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440280	Thallium	2.6	U	mg/kg	2.6	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440622	Vanadium	42.0		mg/kg	5.1	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515
42764	MF6AA0	MF6AB8	D3729-20	S	Field_Sample	08/14/2012	16:27:58	7440666	Zinc	174	J	mg/kg	6.2	08/07/2012	08/13/2012	08/09/2012	Low	69.0	1.41	100	P	DSE-13-24-515

42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7429905	Aluminum	15500		mg/kg	19.7	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440360	Antimony	7.1	J-	mg/kg	5.9	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440382	Arsenic	63.9		mg/kg	0.99	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/18/2012	14:05:35	7440393	Barium	12400		mg/kg	197	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440417	Beryllium	1.0		mg/kg	0.49	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440439	Cadmium	0.83		mg/kg	0.49	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440702	Calcium	7560		mg/kg	494	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440473	Chromium	36.0		mg/kg	0.99	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440484	Cobalt	13.5		mg/kg	4.9	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440508	Copper	41.7		mg/kg	2.5	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7439896	Iron	24300		mg/kg	9.9	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7439921	Lead	184	J	mg/kg	0.99	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7439954	Magnesium	5750		mg/kg	494	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7439965	Manganese	473		mg/kg	1.5	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/17/2012	11:58:00	7439976	Mercury	0.25		mg/kg	0.13	08/07/2012	08/15/2012	08/09/2012	Low	68.9	.56	100	CV	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440020	Nickel	32.7		mg/kg	3.9	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440097	Potassium	2400		mg/kg	494	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7782492	Selenium	1.7	LJ	mg/kg	3.5	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440224	Silver	0.80	LJ	mg/kg	0.99	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440235	Sodium	579		mg/kg	494	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440280	Thallium	2.5	U	mg/kg	2.5	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440622	Vanadium	35.3		mg/kg	4.9	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AB9	D3729-21	S	Field_Sample	08/14/2012	16:34:30	7440666	Zinc	196	J	mg/kg	5.9	08/07/2012	08/13/2012	08/09/2012	Low	68.9	1.47	100	P	DSE-13-48-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7429905	Aluminum	18900		mg/kg	24.0	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440360	Antimony	1.5	LJ-	mg/kg	7.2	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440382	Arsenic	6.9		mg/kg	1.2	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440393	Barium	204		mg/kg	24.0	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440417	Beryllium	0.99		mg/kg	0.60	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440439	Cadmium	0.60	U	mg/kg	0.60	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440702	Calcium	6250		mg/kg	601	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440473	Chromium	18.1		mg/kg	1.2	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440484	Cobalt	12.8		mg/kg	6.0	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440508	Copper	17.6		mg/kg	3.0	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7439896	Iron	29700		mg/kg	12.0	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7439921	Lead	22.1	J	mg/kg	1.2	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7439954	Magnesium	6630		mg/kg	601	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7439965	Manganese	597		mg/kg	1.8	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/17/2012	12:04:00	7439976	Mercury	0.030	LJ	mg/kg	0.17	08/07/2012	08/15/2012	08/09/2012	Low	57.4	.5	100	CV	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440020	Nickel	32.0		mg/kg	4.8	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440097	Potassium	3100		mg/kg	601	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7782492	Selenium	2.6	LJ	mg/kg	4.2	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440224	Silver	0.30	LJ	mg/kg	1.2	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440235	Sodium	1450		mg/kg	601	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440280	Thallium	3.0	U	mg/kg	3.0	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440622	Vanadium	42.8		mg/kg	6.0	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515
42764	MF6AA0	MF6AC1	D3729-22	S	Field_Sample	08/14/2012	16:41:04	7440666	Zinc	82.0	J	mg/kg	7.2	08/07/2012	08/13/2012	08/09/2012	Low	57.4	1.45	100	P	DSE-13-96-515

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INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 42764 SDG No. MF6AA0 SDG Nos. To Follow Mod. Ref. No. Date Rec 08/30/12

EPA Lab ID: CHEM

Lab location: Mountainside, NJ

Region: 6 Audit No.: 42764/MF6AA0

Resubmitted CSF? Yes ____ No X

Box No(s): 1

COMMENTS:

Item	Description
7	The airbill number associated with some of the samples listed on one of the Form DC-1s was not recorded.
11	One airbill (#798710577117) was not submitted.

The laboratory was contacted for both of these issues.

Over for additional comments

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?		X	
8. Accurate?	X		
TRAFFIC REPORT/CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?		X	
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?	X		
15. Present?	X		
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?		X	
18a. If "NO", does the copy indicate where original documents are located?	X		

Audited _____ Linda Hoffman/ESAT Data Reviewer Date 09/04/12

Audited _____ _____ Date _____

Signature Printed Name/Title

DC-2_

13000401

In Reference To Case No(s):
42764 SDG: MF6AA0 (I-0573)

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name:	CHEM
Lab Contact:	Divya Mehta
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Linda Hoffman - ESAT

In reference to data for the following fractions:

CSF Deliverables ICP-AES

Summary of Questions/Issues:

CSF Deliverables

1. Airbill #798710577117 was not submitted. Please submit a copy of this document paginated as 2348A, indicating the location of the original document. Please also revise Item 31 on Form DC-2-2 accordingly.

2. The airbill number associated with the samples listed on the COC Record on page 10 was not recorded on the Form DC-1 on page 6. Please resubmit page 6 with the airbill #798704718200 recorded.

ICP-AES

On Forms 1 and 6, the beryllium and cobalt results were "*"-flagged. However, on Form 6, the differences between the sample and duplicate results were not greater than the control limits. Please correct and resubmit Forms 1 and 6.

NOTE: Any submitted laboratory resubmission should be clearly marked as "Additional Data" with a cover letter included describing what data is being delivered, which Case the data pertains, and who requested the data (ISM01.3, p. B-8, sec. 2.2.1). Custody seals are required only for regular mail shipments.

Please respond to the above item **within 6 business days (ISM01.3, p. B-8, sec. 2.2)** by e-mail to Flores.Raymond@epa.gov. If you have any questions, please contact Mr. Flores at 281-983-2139.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

USEPA CLP Inorganics COC (REGION COPY)
DateShipped: 8/7/2012
CarrierName: FedEx
AirbillNo: 798704717556

CHAIN OF CUSTODY RECORD
Delta_Shipyard/LA
Case #: 42764
Cooler #: 1

No: 6-080612-155959-0003
Lab: ChemTech Consulting Group
Lab Contact: Snehal Mehta
Lab Phone: 908-789-8900

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	Sample Type
MF6AA0	Soil/ START	Grab	TM + Hg	6-463001 (Ice) (1)	DSE-04-12-515	08/06/2012 09:55	F6AA0	Field Sample
MF6AA1	Soil/ START	Grab	TM + Hg	6-463011 (Ice) (1)	DSE-04-24-515	08/06/2012 09:55	F6AA1	Field Sample
MF6AA2	Soil/ START	Grab	TM + Hg	6-463014 (Ice) (1)	DSE-04-48-515	08/06/2012 09:55	F6AA2	Field Sample
MF6AA3	Soil/ START	Grab	TM + Hg	6-463024 (Ice) (1)	DSE-04-72-515	08/06/2012 11:56	F6AA3	Field Sample
MF6AA4	Soil/ START	Grab	TM + Hg	6-463036 (Ice) (1)	DSE-04-96-515	08/06/2012 11:56	F6AA4	Field Sample
MF6AA5	Soil/ START	Grab	TM + Hg	6-463038 (Ice) (1)	DSE-07-12-515	08/06/2012 12:15	F6AA5	Field Sample
MF6AA6	Soil/ START	Grab	TM + Hg	6-463050 (Ice) (1)	DSE-07-24-515	08/06/2012 12:15	F6AA6	Field Sample
MF6AA7	Soil/ START	Grab	TM + Hg	6-463055 (Ice) (1)	DSE-07-48-515	08/06/2012 12:15	F6AA7	Field Sample
MF6AA8	Soil/ START	Grab	TM + Hg	6-463062 (Ice) (1)	DSE-07-72-515	08/06/2012 12:25	F6AA8	Field Sample

Page 1 of 19

Sample(s) to be used for Lab QC: MF6AA4	**Shipment for Case Complete? N**
	Samples Transferred From Chain of Custody #
Analysis Key: TM + Hg=Total Metals + Hg	

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Samples to Fedex	[signature]	8/7/12									

13000403

USEPA CLP Inorganics COC (REGION COPY)
DateShipped: 8/7/2012
CarrierName: FedEx
AirbillNo: 798704718200

CHAIN OF CUSTODY RECORD
Delta_Shipyard/LA
Case #: 42764
Cooler #: 2

No: 6-080612-165138-0004
Lab: ChemTech Consulting Group
Lab Contact: Snehal Mehta
Lab Phone: 908-789-8900

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	Sample Type
MF6AA9	Soil/ START	Grab	TM + Hg	6-463067 (Ice) (1)	DSE-07-96-515	08/06/2012 12:25	F6AA9	Field Sample
MF6AB0	Soil/ START	Grab	TM + Hg	6-463073 (Ice) (1)	DSE-10-12-515	08/06/2012 13:13	F6AB0	Field Sample
MF6AB1	Soil/ START	Grab	TM + Hg	6-463080 (Ice) (1)	DSE-10-24-515	08/06/2012 13:13	F6AB1	Field Sample
MF6AB2	Soil/ START	Grab	TM + Hg	6-463087 (Ice) (1)	DSE-10-48-515	08/06/2012 13:13	F6AB2	Field Sample
MF6AB3	Soil/ START	Grab	TM + Hg	6-463094 (Ice) (1)	DSE-10-72-515	08/06/2012 13:30	F6AB3	Field Sample
MF6AB4	Soil/ START	Grab	TM + Hg	6-463101 (Ice) (1)	DSE-10-96-515	08/06/2012 13:30	F6AB4	Field Sample
MF6AB5	Water/	Grab	TM + Hg	6-463113 (HNO3 pH<2) (1)	DSE-10-96-435	08/06/2012 14:30	F6AB5	Rinsate Blank

Special Instructions: Field QC: MF6AB5

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Samples to Cedrep	[illegible]	8/7/12									

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13000404

USEPA CLP Inorganics COC (REGION COPY)
DateShipped: 8/7/2012
CarrierName: FedEx
AirbillNo: 793875486827

CHAIN OF CUSTODY RECORD
Delta_Shipyard/LA
Case #: 42764
Cooler #: 3

No: 6-080712-121207-0014
Lab: ChemTech Consulting Group
Lab Contact: Snehal Mehta
Lab Phone: 908-789-8900

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	Sample Type
MF6AB7	Soil/ START	Grab	TM + Hg	6-463152 (Ice) (1)	DSE-13-12-515	08/07/2012 08:45	F6AB7	Field Sample
MF6AB8	Soil/ START	Grab	TM + Hg	6-463159 (Ice) (1)	DSE-13-24-515	08/07/2012 08:45	F6AB8	Field Sample
MF6AB9	Soil/ START	Grab	TM + Hg	6-463166 (Ice) (1)	DSE-13-48-515	08/07/2012 08:45	F6AB9	Field Sample
MF6AC0	Soil/ START	Grab	TM + Hg	6-463173 (Ice) (1)	DSE-13-72-515	08/07/2012 09:00	F6AC0	Field Sample
MF6AC1	Soil/ START	Grab	TM + Hg	6-463180 (Ice) (1)	DSE-13-96-515	08/07/2012 09:00	F6AC1	Field Sample
MF6AC8	Soil/ START	Grab	TM + Hg	6-463187 (Ice) (1)	DSE-16-12-515	08/07/2012 09:45	F6AC8	Field Sample
MF6AC9	Soil/ START	Grab	TM + Hg	6-463194 (Ice) (1)	DSE-16-24-515	08/07/2012 09:45	F6AC9	Field Sample
MF6AD0	Soil/ START	Grab	TM + Hg	6-463201 (Ice) (1)	DSE-16-48-515	08/07/2012 09:45	F6AD0	Field Sample
MF6AD1	Soil/ START	Grab	TM + Hg	6-463208 (Ice) (1)	DSE-16-72-515	08/07/2012 10:05	F6AD1	Field Sample
MF6AD2	Soil/ START	Grab	TM + Hg	6-463215 (Ice) (1)	DSE-16-96-515	08/07/2012 10:05	F6AD2	Field Sample
MF6AD3	Soil/ START	Grab	TM + Hg	6-463230 (Ice) (1)	DSE-06-12-515	08/07/2012 10:40	F6AD3	Field Sample
MF6AD4	Soil/ START	Grab	TM + Hg	6-463237 (Ice) (1)	DSE-06-24-515	08/07/2012 10:40	F6AD4	Field Sample

Sample(s) to be used for Lab QC: MF6AC0

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/7/12									

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13000405

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

September 7, 2012

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

Raymond Flores

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Brenda Cook, Superfund Project Manager (6SF-TR)
Gary Moore, On-Scene Coordinator (6SF-PR)

Site: **DELTA SHIPYARD**

Case#: **42764**

SDG#: **F6AA0**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: September 7, 2012

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Ying-Ping Hsieh, Data Reviewer, ESAT YH

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-06-030
TO No.:	030
Task/Sub-Task:	2-11
ESAT Doc. No.:	B030-211-0086
TDF No.:	6-12-491B
ESAT File No.:	O-0927

Attached is the data review summary for Case # 42764
SDG # F6AA0
Site Delta Shipyard

COMMENTS:

I. LEVEL OF DATA REVIEW

Region 6 Standard Review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

The hardcopy review confirmed the CCS findings of some calibration issues, and the calibration issues caused data qualification.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

Some results were qualified because of technical problems, and the significant problem is addressed below.

Three LMVOA, four BNA, and four ARO samples had poor DMC or surrogate performance, and an extremely low (<20%) VDMC12 recovery rendered one result unusable for LMVOA samples F6AA6 and F6AB3.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099
ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	42764	SITE	Delta Shipyard
LABORATORY	MITKEM	NO. OF SAMPLES	20
CONTRACT#	EP-W-11-033	MATRIX	Soil
SDG#	F6AA0	REVIEWER (IF NOT ESB)	ESAT
SOW#	SOM01.2	REVIEWER'S NAME	Ying-Ping Hsieh
SF#	302DD2GC	COMPLETION DATE	September 7, 2012

SAMPLE NO.					
	F6AA0	F6AA4	F6AA8	F6AB2	F6AB8
	F6AA1	F6AA5	F6AA9	F6AB3	F6AB9
	F6AA2	F6AA6	F6AB0	F6AB4	F6AC1
	F6AA3	F6AA7	F6AB1	F6AB7	F6AC8

DATA ASSESSMENT SUMMARY

	LMVOA	BNA	PEST	ARO
1. HOLDING TIMES	O	O	O	O
2. GC/MS TUNE/INSTR. PERFORM.	O	O	O	O
3. CALIBRATIONS	O	M	O	O
4. BLANKS	O	O	O	O
5. DMC/SURROGATES	M	M	O	M
6. MATRIX SPIKE/DUPLICATE/LCS	N/A	N/A	O	O
7. OTHER QC	N/A	N/A	N/A	N/A
8. INTERNAL STANDARDS	O	O	N/A	N/A
9. COMPOUND ID/QUANTITATION	O	O	O	O
10. PERFORMANCE/COMPLETENESS	O	O	O	O
11. OVERALL ASSESSMENT	M	M	O	M

O = Data had no problems.
M = Data qualified because of major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREA OF CONCERN: **LMVOA** Samples F6AA6, F6AB1, and F6AB3 had poor DMC performance, and an extremely low (<20%) VDMC12 recovery rendered one result unusable for LMVOA samples F6AA6 and F6AB3. **BNA** Hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol failed the technical %D calibration criteria for the closing CCVs. Samples F6AA7, F6AA9, F6AB0, and F6AB7 had poor DMC performance. **ARO** Samples F6AB0, F6AB1, F6AB2, and F6AB4 had low TCX recoveries on one or both columns.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 42764 **SDG** F6AA0 **SITE** Delta Shipyard **LAB** MITKEM

COMMENTS: This SDG consisted of 20 soil samples for LMVOA, BNA, PEST, and ARO analyses following CLP SOW SOM01.2. The COC Records designated sample F6AA4 for laboratory QC analyses. MS/MSD analyses were only requested for PEST and ARO fractions. All LMVOA and BNA samples were analyzed at the low level.

The compounds of concern are benzene, toluene, xylene, ethylbenzene, phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, and benzo(a)pyrene with the desired detection limits as the CRQLs in the SOW. However, the SOW requires that the soil sample results be adjusted for moisture content and dilution, which raised the adjusted QLs above the CRQLs specified in the SOW. The adjusted CRQLs were reported by the laboratory and are referred to as SQLs (Sample Quantitation Limits) in this report.

Standard Review was performed for this data package as requested by the TDF. The only compounds of concern reported at concentrations above the desired detection limits were phenanthrene, pyrene, chrysene, benzo(b)fluoranthene, and/or benzo(a)pyrene in samples F6AA0, F6AB1, F6AB2, F6AB3, and F6AB4. BNA sample F6AB1 was initially analyzed at 5X dilution because of sample matrix. BNA sample F6AB3 was diluted 2X and reanalyzed because of a high 2-methylnaphthalene concentration.

DATA ASSESSMENT: The QC problems affecting data usability are addressed below.

LMVOA

- The 1,4-dioxane failed the technical minimum RRF criteria for all calibrations. However, since the raw data for all calibrations demonstrated the instrument sensitivity at the CRQL, data qualification was unnecessary in the reviewer's opinion.

- The reviewer qualified as estimated and biased high the methylcyclohexane results above the SQLs for samples F6AB1 and F6AB3 because these samples had VDMC8 recoveries over the upper QC limit.

- The reviewer qualified as unusable the non-detect 1,4-dioxane results for samples F6AA6 and F6AB3 because these samples had extremely low (<20%) VDMC12 recoveries.

BNA

- The reviewer qualified as estimated the hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol results for all samples because hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol failed the technical %D criteria for associated closing CCVs.

ORGANIC QA REVIEW
CONTINUATION PAGE

CASE 42764 **SDG** F6AA0 **SITE** Delta Shipyard **LAB** MITKEM

- Because of possible laboratory contamination, all laboratory "B"-flagged bis(2-ethylhexyl)phthalate results below the SQLs should be considered undetected and were flagged "U" at the SQLs on the DST.

- The following samples had some DMC recoveries below the QC limits, so the reviewer qualified as estimated and biased low the analyte results associated with the listed DMCs.

Sample	DMC
F6AA7	SDMC9
F6AA9	SDMC9, SDMC12, SDMC15
F6AB0	SDMC9
F6AB7	SDMC15

ARO

The reviewer qualified all results as estimated and biased low for samples F6AB0, F6AB1, F6AB2, and F6AB4 because these samples had TCX recoveries below the QC limit on one or both columns.

OVERALL ASSESSMENT: Some results were qualified for three LMVOA, all BNA, and four ARO samples because of problems with calibration and DMC/surrogate recovery. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist. The DST included in this report is the final version.

ORGANIC ACRONYMS

%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARO	Aroclors
BFB	4-Bromofluorobenzene
BNA	Base/Neutral and Acid
CADRE	Computer-Aided Data Review and Evaluation
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenylphosphine
DMC	Deuterated Monitoring Compound
DST	Data Summary Table
GC/ECD	Gas Chromatograph/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GPC	Gel Permeation Chromatography
IC	Initial Calibration
INDA(B,C)	Individual Standard Mixture A(or B or C)
IS	Internal Standard
LCS	Laboratory Control Sample
LMVOA	Low/Medium Volatile Organic Analysis
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFG	National Functional Guidelines
OTR/COC	Organic Traffic Report/Chain of Custody
PAH	Polynuclear Aromatic Hydrocarbon
PE	Performance Evaluation
PEM	Performance Evaluation Mixture
PEST	Pesticides
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSCC	Regional Sample Control Center
RT	Retention Time
SDG	Sample Delivery Group
SDMC	Semivolatile Deuterated Monitoring Compound
SIM	Selected Ion Monitoring
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
SVOA	Semivolatile Organic Analysis
TCL	Target Compound List
TCX	Tetrachloro-m-xylene
TIC	Tentatively Identified Compound
TVOA	Trace Volatile Organic Analysis
VDMC	Volatile Deuterated Monitoring Compound
VOA	Volatile Organic Analysis

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number

SDG: SDG Number

EPASAMP: EPA Sample Number

LABID: Laboratory File/Sample ID

MATRIX: Sample Matrix

ANDATE: Sample Analysis Date

ANTIME: Sample Analysis Time

CASNUM: Compound CAS Number

ANALYTE: Compound Name

CONC: Compound Concentration

VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)

UNITS: Concentration Units

ADJCRQL: Adjusted Contract Required Quantitation Limit Value

SMPDATE: Sampling Date

STATLOC: Station Location

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

N Identification is tentative.

J Estimated value.

L Reported concentration is below the CRQL.

M Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.

R Unusable.

^ High biased. Actual concentration may be lower than the concentration reported.

v Low biased. Actual concentration may be higher than the concentration reported.

F+ A false positive exists.

F- A false negative exists.

UJ Estimated quantitation limit.

T Identification is questionable because of absence of other commonly coexisting pesticides.

C Identification of pesticide or aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).

X Identification of pesticide or aroclor could not be confirmed by GC/MS when attempted.

* Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	75-71-8	Dichlorodifluoromethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	74-87-3	Chloromethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	75-01-4	Vinyl chloride	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	74-83-9	Bromomethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	75-00-3	Chloroethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	75-69-4	Trichlorofluoromethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	75-35-4	1,1-Dichloroethene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	67-64-1	Acetone	12	U	ug/Kg	12	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	75-15-0	Carbon disulfide	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	79-20-9	Methyl acetate	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	75-09-2	Methylene chloride	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	156-60-5	trans-1,2-Dichloroethene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	1634-04-4	Methyl tert-butyl ether	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	75-34-3	1,1-Dichloroethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	156-59-2	cis-1,2-Dichloroethene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	78-93-3	2-Butanone	12	U	ug/Kg	12	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	74-97-5	Bromochloromethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	67-66-3	Chloroform	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	71-55-6	1,1,1-Trichloroethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	110-82-7	Cyclohexane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	56-23-5	Carbon tetrachloride	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	71-43-2	Benzene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	107-06-2	1,2-Dichloroethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	123-91-1	1,4-Dioxane	120	U	ug/Kg	120	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	79-01-6	Trichloroethene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	108-87-2	Methylcyclohexane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	78-87-5	1,2-Dichloropropane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	75-27-4	Bromodichloromethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	10061-01-5	cis-1,3-Dichloropropene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	108-10-1	4-Methyl-2-pentanone	12	U	ug/Kg	12	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	108-88-3	Toluene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	10061-02-6	trans-1,3-Dichloropropene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	79-00-5	1,1,2-Trichloroethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	127-18-4	Tetrachloroethene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	591-78-6	2-Hexanone	12	U	ug/Kg	12	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	124-48-1	Dibromochloromethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	106-93-4	1,2-Dibromoethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	108-90-7	Chlorobenzene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	100-41-4	Ethylbenzene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	95-47-6	o-Xylene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	179601-23-1	m,p-Xylene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	100-42-5	Styrene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	75-25-2	Bromoform	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	98-82-8	Isopropylbenzene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	79-34-5	1,1,2,2-Tetrachloroethane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	541-73-1	1,3-Dichlorobenzene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	106-46-7	1,4-Dichlorobenzene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	95-50-1	1,2-Dichlorobenzene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	96-12-8	1,2-Dibromo-3-chloropropane	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	120-82-1	1,2,4-Trichlorobenzene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515
42764	F6AA0	F6AA0	L1695-01B	S	08/16/2012	15:59:00	87-61-6	1,2,3-Trichlorobenzene	6.1	U	ug/Kg	6.1	08/06/2012	DSE-04-12-515

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42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	75-71-8	Dichlorodifluoromethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	74-87-3	Chloromethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	75-01-4	Vinyl chloride	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	74-83-9	Bromomethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	75-00-3	Chloroethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	75-69-4	Trichlorofluoromethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	75-35-4	1,1-Dichloroethene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	67-64-1	Acetone	12	U		ug/Kg	12	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	75-15-0	Carbon disulfide	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	79-20-9	Methyl acetate	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	75-09-2	Methylene chloride	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	156-60-5	trans-1,2-Dichloroethene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	1634-04-4	Methyl tert-butyl ether	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	75-34-3	1,1-Dichloroethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	156-59-2	cis-1,2-Dichloroethene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	78-93-3	2-Butanone	12	U		ug/Kg	12	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	74-97-5	Bromochloromethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	67-66-3	Chloroform	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	71-55-6	1,1,1-Trichloroethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	110-82-7	Cyclohexane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	56-23-5	Carbon tetrachloride	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	71-43-2	Benzene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	107-06-2	1,2-Dichloroethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	123-91-1	1,4-Dioxane	120	U		ug/Kg	120	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	79-01-6	Trichloroethene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	108-87-2	Methylcyclohexane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	78-87-5	1,2-Dichloropropane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	75-27-4	Bromodichloromethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	10061-01-5	cis-1,3-Dichloropropene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	108-10-1	4-Methyl-2-pentanone	12	U		ug/Kg	12	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	108-88-3	Toluene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	10061-02-6	trans-1,3-Dichloropropene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	79-00-5	1,1,2-Trichloroethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	127-18-4	Tetrachloroethene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	591-78-6	2-Hexanone	12	U		ug/Kg	12	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	124-48-1	Dibromochloromethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	106-93-4	1,2-Dibromoethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	108-90-7	Chlorobenzene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	100-41-4	Ethylbenzene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	95-47-6	o-Xylene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	179601-23-1	m,p-Xylene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	100-42-5	Styrene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	75-25-2	Bromoform	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	98-82-8	Isopropylbenzene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	79-34-5	1,1,2,2-Tetrachloroethane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	541-73-1	1,3-Dichlorobenzene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	106-46-7	1,4-Dichlorobenzene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	95-50-1	1,2-Dichlorobenzene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	96-12-8	1,2-Dibromo-3-chloropropane	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	120-82-1	1,2,4-Trichlorobenzene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515
42764	F6AA0	F6AA1	L1695-02B	S	08/16/2012	16:26:00	87-61-6	1,2,3-Trichlorobenzene	6.0	U		ug/Kg	6.0	08/06/2012	DSE-04-24-515

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42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	75-71-8	Dichlorodifluoromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	74-87-3	Chloromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	75-01-4	Vinyl chloride	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	74-83-9	Bromomethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	75-00-3	Chloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	75-69-4	Trichlorofluoromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	75-35-4	1,1-Dichloroethene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	67-64-1	Acetone	15	U	ug/Kg	15	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	75-15-0	Carbon disulfide	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	79-20-9	Methyl acetate	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	75-09-2	Methylene chloride	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	156-60-5	trans-1,2-Dichloroethene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	1634-04-4	Methyl tert-butyl ether	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	75-34-3	1,1-Dichloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	156-59-2	cis-1,2-Dichloroethene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	78-93-3	2-Butanone	15	U	ug/Kg	15	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	74-97-5	Bromochloromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	67-66-3	Chloroform	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	71-55-6	1,1,1-Trichloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	110-82-7	Cyclohexane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	56-23-5	Carbon tetrachloride	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	71-43-2	Benzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	107-06-2	1,2-Dichloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	123-91-1	1,4-Dioxane	150	U	ug/Kg	150	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	79-01-6	Trichloroethene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	108-87-2	Methylcyclohexane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	78-87-5	1,2-Dichloropropane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	75-27-4	Bromodichloromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	10061-01-5	cis-1,3-Dichloropropene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	108-10-1	4-Methyl-2-pentanone	15	U	ug/Kg	15	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	108-88-3	Toluene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	10061-02-6	trans-1,3-Dichloropropene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	79-00-5	1,1,2-Trichloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	127-18-4	Tetrachloroethene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	591-78-6	2-Hexanone	15	U	ug/Kg	15	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	124-48-1	Dibromochloromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	106-93-4	1,2-Dibromoethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	108-90-7	Chlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	100-41-4	Ethylbenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	95-47-6	o-Xylene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	179601-23-1	m,p-Xylene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	100-42-5	Styrene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	75-25-2	Bromoform	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	98-82-8	Isopropylbenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	79-34-5	1,1,2,2-Tetrachloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	541-73-1	1,3-Dichlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	106-46-7	1,4-Dichlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	95-50-1	1,2-Dichlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	96-12-8	1,2-Dibromo-3-chloropropane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	120-82-1	1,2,4-Trichlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515
42764	F6AA0	F6AA2	L1695-03B	S	08/16/2012	16:54:00	87-61-6	1,2,3-Trichlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-04-48-515

42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	75-71-8	Dichlorodifluoromethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	74-87-3	Chloromethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	75-01-4	Vinyl chloride	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	74-83-9	Bromomethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	75-00-3	Chloroethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	75-69-4	Trichlorofluoromethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	75-35-4	1,1-Dichloroethene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	67-64-1	Acetone	110		ug/Kg	13	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	75-15-0	Carbon disulfide	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	79-20-9	Methyl acetate	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	75-09-2	Methylene chloride	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	156-60-5	trans-1,2-Dichloroethene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	1634-04-4	Methyl tert-butyl ether	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	75-34-3	1,1-Dichloroethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	156-59-2	cis-1,2-Dichloroethene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	78-93-3	2-Butanone	26		ug/Kg	13	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	74-97-5	Bromochloromethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	67-66-3	Chloroform	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	71-55-6	1,1,1-Trichloroethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	110-82-7	Cyclohexane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	56-23-5	Carbon tetrachloride	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	71-43-2	Benzene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	107-06-2	1,2-Dichloroethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	123-91-1	1,4-Dioxane	130	U	ug/Kg	130	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	79-01-6	Trichloroethene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	108-87-2	Methylcyclohexane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	78-87-5	1,2-Dichloropropane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	75-27-4	Bromodichloromethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	10061-01-5	cis-1,3-Dichloropropene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	108-10-1	4-Methyl-2-pentanone	13	U	ug/Kg	13	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	108-88-3	Toluene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	10061-02-6	trans-1,3-Dichloropropene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	79-00-5	1,1,2-Trichloroethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	127-18-4	Tetrachloroethene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	591-78-6	2-Hexanone	13	U	ug/Kg	13	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	124-48-1	Dibromochloromethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	106-93-4	1,2-Dibromoethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	108-90-7	Chlorobenzene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	100-41-4	Ethylbenzene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	95-47-6	o-Xylene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	179601-23-1	m,p-Xylene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	100-42-5	Styrene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	75-25-2	Bromoform	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	98-82-8	Isopropylbenzene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	79-34-5	1,1,2,2-Tetrachloroethane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	541-73-1	1,3-Dichlorobenzene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	106-46-7	1,4-Dichlorobenzene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	95-50-1	1,2-Dichlorobenzene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	96-12-8	1,2-Dibromo-3-chloropropane	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	120-82-1	1,2,4-Trichlorobenzene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515
42764	F6AA0	F6AA3	L1695-04B	S	08/16/2012	17:21:00	87-61-6	1,2,3-Trichlorobenzene	6.4	U	ug/Kg	6.4	08/06/2012	DSE-04-72-515

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42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	75-71-8	Dichlorodifluoromethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	74-87-3	Chloromethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	75-01-4	Vinyl chloride	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	74-83-9	Bromomethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	75-00-3	Chloroethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	75-69-4	Trichlorofluoromethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	75-35-4	1,1-Dichloroethene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	67-64-1	Acetone	120		ug/Kg	17	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	75-15-0	Carbon disulfide	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	79-20-9	Methyl acetate	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	75-09-2	Methylene chloride	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	156-60-5	trans-1,2-Dichloroethene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	1634-04-4	Methyl tert-butyl ether	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	75-34-3	1,1-Dichloroethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	156-59-2	cis-1,2-Dichloroethene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	78-93-3	2-Butanone	20		ug/Kg	17	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	74-97-5	Bromochloromethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	67-66-3	Chloroform	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	71-55-6	1,1,1-Trichloroethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	110-82-7	Cyclohexane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	56-23-5	Carbon tetrachloride	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	71-43-2	Benzene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	107-06-2	1,2-Dichloroethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	123-91-1	1,4-Dioxane	170	U	ug/Kg	170	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	79-01-6	Trichloroethene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	108-87-2	Methylcyclohexane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	78-87-5	1,2-Dichloropropane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	75-27-4	Bromodichloromethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	10061-01-5	cis-1,3-Dichloropropene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	108-10-1	4-Methyl-2-pentanone	17	U	ug/Kg	17	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	108-88-3	Toluene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	10061-02-6	trans-1,3-Dichloropropene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	79-00-5	1,1,2-Trichloroethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	127-18-4	Tetrachloroethene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	591-78-6	2-Hexanone	17	U	ug/Kg	17	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	124-48-1	Dibromochloromethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	106-93-4	1,2-Dibromoethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	108-90-7	Chlorobenzene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	100-41-4	Ethylbenzene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	95-47-6	o-Xylene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	179601-23-1	m,p-Xylene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	100-42-5	Styrene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	75-25-2	Bromoform	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	98-82-8	Isopropylbenzene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	79-34-5	1,1,2,2-Tetrachloroethane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	541-73-1	1,3-Dichlorobenzene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	106-46-7	1,4-Dichlorobenzene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	95-50-1	1,2-Dichlorobenzene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	96-12-8	1,2-Dibromo-3-chloropropane	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	120-82-1	1,2,4-Trichlorobenzene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515
42764	F6AA0	F6AA4	L1695-05B	S	08/16/2012	17:49:00	87-61-6	1,2,3-Trichlorobenzene	8.4	U	ug/Kg	8.4	08/06/2012	DSE-04-96-515

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42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	75-71-8	Dichlorodifluoromethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	74-87-3	Chloromethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	75-01-4	Vinyl chloride	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	74-83-9	Bromomethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	75-00-3	Chloroethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	75-69-4	Trichlorofluoromethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	75-35-4	1,1-Dichloroethene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	67-64-1	Acetone	14	U		ug/Kg	14	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	75-15-0	Carbon disulfide	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	79-20-9	Methyl acetate	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	75-09-2	Methylene chloride	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	156-60-5	trans-1,2-Dichloroethene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	1634-04-4	Methyl tert-butyl ether	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	75-34-3	1,1-Dichloroethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	156-59-2	cis-1,2-Dichloroethene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	78-93-3	2-Butanone	14	U		ug/Kg	14	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	74-97-5	Bromochloromethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	67-66-3	Chloroform	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	71-55-6	1,1,1-Trichloroethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	110-82-7	Cyclohexane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	56-23-5	Carbon tetrachloride	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	71-43-2	Benzene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	107-06-2	1,2-Dichloroethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	123-91-1	1,4-Dioxane	140	U		ug/Kg	140	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	79-01-6	Trichloroethene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	108-87-2	Methylcyclohexane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	78-87-5	1,2-Dichloropropane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	75-27-4	Bromodichloromethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	10061-01-5	cis-1,3-Dichloropropene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	108-10-1	4-Methyl-2-pentanone	14	U		ug/Kg	14	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	108-88-3	Toluene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	10061-02-6	trans-1,3-Dichloropropene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	79-00-5	1,1,2-Trichloroethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	127-18-4	Tetrachloroethene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	591-78-6	2-Hexanone	14	U		ug/Kg	14	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	124-48-1	Dibromochloromethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	106-93-4	1,2-Dibromoethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	108-90-7	Chlorobenzene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	100-41-4	Ethylbenzene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	95-47-6	o-Xylene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	179601-23-1	m,p-Xylene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	100-42-5	Styrene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	75-25-2	Bromoform	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	98-82-8	Isopropylbenzene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	79-34-5	1,1,2,2-Tetrachloroethane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	541-73-1	1,3-Dichlorobenzene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	106-46-7	1,4-Dichlorobenzene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	95-50-1	1,2-Dichlorobenzene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	96-12-8	1,2-Dibromo-3-chloropropane	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	120-82-1	1,2,4-Trichlorobenzene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515
42764	F6AA0	F6AA5	L1695-06B	S	08/16/2012	18:16:00	87-61-6	1,2,3-Trichlorobenzene	6.8	U		ug/Kg	6.8	08/06/2012	DSE-07-12-515

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42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	75-71-8	Dichlorodifluoromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	74-87-3	Chloromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	75-01-4	Vinyl chloride	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	74-83-9	Bromomethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	75-00-3	Chloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	75-69-4	Trichlorofluoromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	75-35-4	1,1-Dichloroethene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	67-64-1	Acetone	12	U	ug/Kg	12	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	75-15-0	Carbon disulfide	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	79-20-9	Methyl acetate	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	75-09-2	Methylene chloride	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	156-60-5	trans-1,2-Dichloroethene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	1634-04-4	Methyl tert-butyl ether	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	75-34-3	1,1-Dichloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	156-59-2	cis-1,2-Dichloroethene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	78-93-3	2-Butanone	12	U	ug/Kg	12	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	74-97-5	Bromochloromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	67-66-3	Chloroform	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	71-55-6	1,1,1-Trichloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	110-82-7	Cyclohexane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	56-23-5	Carbon tetrachloride	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	71-43-2	Benzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	107-06-2	1,2-Dichloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	123-91-1	1,4-Dioxane	120	UR	ug/Kg	120	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	79-01-6	Trichloroethene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	108-87-2	Methylcyclohexane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	78-87-5	1,2-Dichloropropane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	75-27-4	Bromodichloromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	10061-01-5	cis-1,3-Dichloropropene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	108-10-1	4-Methyl-2-pentanone	12	U	ug/Kg	12	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	108-88-3	Toluene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	10061-02-6	trans-1,3-Dichloropropene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	79-00-5	1,1,2-Trichloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	127-18-4	Tetrachloroethene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	591-78-6	2-Hexanone	12	U	ug/Kg	12	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	124-48-1	Dibromochloromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	106-93-4	1,2-Dibromoethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	108-90-7	Chlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	100-41-4	Ethylbenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	95-47-6	o-Xylene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	179601-23-1	m,p-Xylene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	100-42-5	Styrene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	75-25-2	Bromoform	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	98-82-8	Isopropylbenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	541-73-1	1,3-Dichlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	106-46-7	1,4-Dichlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	95-50-1	1,2-Dichlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	96-12-8	1,2-Dibromo-3-chloropropane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	120-82-1	1,2,4-Trichlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515
42764	F6AA0	F6AA6	L1695-07B	S	08/16/2012	19:31:00	87-61-6	1,2,3-Trichlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-07-24-515

42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	75-71-8	Dichlorodifluoromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	74-87-3	Chloromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	75-01-4	Vinyl chloride	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	74-83-9	Bromomethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	75-00-3	Chloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	75-69-4	Trichlorofluoromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	75-35-4	1,1-Dichloroethene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	67-64-1	Acetone	160		ug/Kg	15	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	75-15-0	Carbon disulfide	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	79-20-9	Methyl acetate	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	75-09-2	Methylene chloride	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	156-60-5	trans-1,2-Dichloroethene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	1634-04-4	Methyl tert-butyl ether	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	75-34-3	1,1-Dichloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	156-59-2	cis-1,2-Dichloroethene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	78-93-3	2-Butanone	29		ug/Kg	15	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	74-97-5	Bromochloromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	67-66-3	Chloroform	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	71-55-6	1,1,1-Trichloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	110-82-7	Cyclohexane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	56-23-5	Carbon tetrachloride	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	71-43-2	Benzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	107-06-2	1,2-Dichloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	123-91-1	1,4-Dioxane	150	U	ug/Kg	150	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	79-01-6	Trichloroethene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	108-87-2	Methylcyclohexane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	78-87-5	1,2-Dichloropropane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	75-27-4	Bromodichloromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	10061-01-5	cis-1,3-Dichloropropene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	108-10-1	4-Methyl-2-pentanone	15	U	ug/Kg	15	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	108-88-3	Toluene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	10061-02-6	trans-1,3-Dichloropropene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	79-00-5	1,1,2-Trichloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	127-18-4	Tetrachloroethene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	591-78-6	2-Hexanone	15	U	ug/Kg	15	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	124-48-1	Dibromochloromethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	106-93-4	1,2-Dibromoethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	108-90-7	Chlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	100-41-4	Ethylbenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	95-47-6	o-Xylene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	179601-23-1	m,p-Xylene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	100-42-5	Styrene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	75-25-2	Bromoform	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	98-82-8	Isopropylbenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	79-34-5	1,1,2,2-Tetrachloroethane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	541-73-1	1,3-Dichlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	106-46-7	1,4-Dichlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	95-50-1	1,2-Dichlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	96-12-8	1,2-Dibromo-3-chloropropane	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	120-82-1	1,2,4-Trichlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515
42764	F6AA0	F6AA7	L1695-08B	S	08/16/2012	19:57:00	87-61-6	1,2,3-Trichlorobenzene	7.3	U	ug/Kg	7.3	08/06/2012	DSE-07-48-515

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42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	75-71-8	Dichlorodifluoromethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	74-87-3	Chloromethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	75-01-4	Vinyl chloride	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	74-83-9	Bromomethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	75-00-3	Chloroethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	75-69-4	Trichlorofluoromethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	75-35-4	1,1-Dichloroethene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	67-64-1	Acetone	190		ug/Kg	14	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	75-15-0	Carbon disulfide	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	79-20-9	Methyl acetate	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	75-09-2	Methylene chloride	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	156-60-5	trans-1,2-Dichloroethene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	1634-04-4	Methyl tert-butyl ether	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	75-34-3	1,1-Dichloroethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	156-59-2	cis-1,2-Dichloroethene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	78-93-3	2-Butanone	25		ug/Kg	14	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	74-97-5	Bromochloromethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	67-66-3	Chloroform	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	71-55-6	1,1,1-Trichloroethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	110-82-7	Cyclohexane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	56-23-5	Carbon tetrachloride	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	71-43-2	Benzene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	107-06-2	1,2-Dichloroethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	123-91-1	1,4-Dioxane	140	U	ug/Kg	140	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	79-01-6	Trichloroethene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	108-87-2	Methylcyclohexane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	78-87-5	1,2-Dichloropropane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	75-27-4	Bromodichloromethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	10061-01-5	cis-1,3-Dichloropropene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	108-10-1	4-Methyl-2-pentanone	14	U	ug/Kg	14	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	108-88-3	Toluene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	10061-02-6	trans-1,3-Dichloropropene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	79-00-5	1,1,2-Trichloroethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	127-18-4	Tetrachloroethene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	591-78-6	2-Hexanone	14	U	ug/Kg	14	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	124-48-1	Dibromochloromethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	106-93-4	1,2-Dibromoethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	108-90-7	Chlorobenzene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	100-41-4	Ethylbenzene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	95-47-6	o-Xylene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	179601-23-1	m,p-Xylene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	100-42-5	Styrene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	75-25-2	Bromoform	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	98-82-8	Isopropylbenzene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	79-34-5	1,1,2,2-Tetrachloroethane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	541-73-1	1,3-Dichlorobenzene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	106-46-7	1,4-Dichlorobenzene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	95-50-1	1,2-Dichlorobenzene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	96-12-8	1,2-Dibromo-3-chloropropane	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	120-82-1	1,2,4-Trichlorobenzene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515
42764	F6AA0	F6AA8	L1695-09B	S	08/16/2012	20:22:00	87-61-6	1,2,3-Trichlorobenzene	6.8	U	ug/Kg	6.8	08/06/2012	DSE-07-72-515

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42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	75-71-8	Dichlorodifluoromethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	74-87-3	Chloromethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	75-01-4	Vinyl chloride	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	74-83-9	Bromomethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	75-00-3	Chloroethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	75-69-4	Trichlorofluoromethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	75-35-4	1,1-Dichloroethene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	67-64-1	Acetone	270		ug/Kg	20	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	75-15-0	Carbon disulfide	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	79-20-9	Methyl acetate	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	75-09-2	Methylene chloride	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	156-60-5	trans-1,2-Dichloroethene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	1634-04-4	Methyl tert-butyl ether	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	75-34-3	1,1-Dichloroethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	156-59-2	cis-1,2-Dichloroethene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	78-93-3	2-Butanone	57		ug/Kg	20	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	74-97-5	Bromochloromethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	67-66-3	Chloroform	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	71-55-6	1,1,1-Trichloroethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	110-82-7	Cyclohexane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	56-23-5	Carbon tetrachloride	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	71-43-2	Benzene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	107-06-2	1,2-Dichloroethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	123-91-1	1,4-Dioxane	200	U	ug/Kg	200	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	79-01-6	Trichloroethene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	108-87-2	Methylcyclohexane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	78-87-5	1,2-Dichloropropane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	75-27-4	Bromodichloromethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	10061-01-5	cis-1,3-Dichloropropene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	108-10-1	4-Methyl-2-pentanone	20	U	ug/Kg	20	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	108-88-3	Toluene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	10061-02-6	trans-1,3-Dichloropropene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	79-00-5	1,1,2-Trichloroethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	127-18-4	Tetrachloroethene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	591-78-6	2-Hexanone	20	U	ug/Kg	20	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	124-48-1	Dibromochloromethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	106-93-4	1,2-Dibromoethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	108-90-7	Chlorobenzene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	100-41-4	Ethylbenzene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	95-47-6	o-Xylene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	179601-23-1	m,p-Xylene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	100-42-5	Styrene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	75-25-2	Bromoform	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	98-82-8	Isopropylbenzene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	79-34-5	1,1,2,2-Tetrachloroethane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	541-73-1	1,3-Dichlorobenzene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	106-46-7	1,4-Dichlorobenzene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	95-50-1	1,2-Dichlorobenzene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	96-12-8	1,2-Dibromo-3-chloropropane	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	120-82-1	1,2,4-Trichlorobenzene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515
42764	F6AA0	F6AA9	L1695-10B	S	08/16/2012	20:48:00	87-61-6	1,2,3-Trichlorobenzene	9.8	U	ug/Kg	9.8	08/06/2012	DSE-07-96-515

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42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	75-71-8	Dichlorodifluoromethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	74-87-3	Chloromethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	75-01-4	Vinyl chloride	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	74-83-9	Bromomethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	75-00-3	Chloroethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	75-69-4	Trichlorofluoromethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	75-35-4	1,1-Dichloroethene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	67-64-1	Acetone	76		ug/Kg	14	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	75-15-0	Carbon disulfide	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	79-20-9	Methyl acetate	8.0		ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	75-09-2	Methylene chloride	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	156-60-5	trans-1,2-Dichloroethene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	1634-04-4	Methyl tert-butyl ether	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	75-34-3	1,1-Dichloroethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	156-59-2	cis-1,2-Dichloroethene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	78-93-3	2-Butanone	21		ug/Kg	14	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	74-97-5	Bromochloromethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	67-66-3	Chloroform	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	71-55-6	1,1,1-Trichloroethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	110-82-7	Cyclohexane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	56-23-5	Carbon tetrachloride	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	71-43-2	Benzene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	107-06-2	1,2-Dichloroethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	123-91-1	1,4-Dioxane	140	U	ug/Kg	140	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	79-01-6	Trichloroethene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	108-87-2	Methylcyclohexane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	78-87-5	1,2-Dichloropropane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	75-27-4	Bromodichloromethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	10061-01-5	cis-1,3-Dichloropropene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	108-10-1	4-Methyl-2-pentanone	14	U	ug/Kg	14	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	108-88-3	Toluene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	10061-02-6	trans-1,3-Dichloropropene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	79-00-5	1,1,2-Trichloroethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	127-18-4	Tetrachloroethene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	591-78-6	2-Hexanone	14	U	ug/Kg	14	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	124-48-1	Dibromochloromethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	106-93-4	1,2-Dibromoethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	108-90-7	Chlorobenzene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	100-41-4	Ethylbenzene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	95-47-6	o-Xylene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	179601-23-1	m,p-Xylene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	100-42-5	Styrene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	75-25-2	Bromoform	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	98-82-8	Isopropylbenzene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	79-34-5	1,1,2,2-Tetrachloroethane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	541-73-1	1,3-Dichlorobenzene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	106-46-7	1,4-Dichlorobenzene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	95-50-1	1,2-Dichlorobenzene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	96-12-8	1,2-Dibromo-3-chloropropane	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	120-82-1	1,2,4-Trichlorobenzene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515
42764	F6AA0	F6AB0	L1695-11B	S	08/16/2012	21:15:00	87-61-6	1,2,3-Trichlorobenzene	7.2	U	ug/Kg	7.2	08/06/2012	DSE-10-12-515

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42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	75-71-8	Dichlorodifluoromethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	74-87-3	Chloromethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	75-01-4	Vinyl chloride	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	74-83-9	Bromomethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	75-00-3	Chloroethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	75-69-4	Trichlorofluoromethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	75-35-4	1,1-Dichloroethene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	67-64-1	Acetone	100			ug/Kg	11	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	75-15-0	Carbon disulfide	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	79-20-9	Methyl acetate	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	75-09-2	Methylene chloride	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	156-60-5	trans-1,2-Dichloroethene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	1634-04-4	Methyl tert-butyl ether	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	75-34-3	1,1-Dichloroethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	156-59-2	cis-1,2-Dichloroethene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	78-93-3	2-Butanone	21			ug/Kg	11	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	74-97-5	Bromochloromethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	67-66-3	Chloroform	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	71-55-6	1,1,1-Trichloroethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	110-82-7	Cyclohexane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	56-23-5	Carbon tetrachloride	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	71-43-2	Benzene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	107-06-2	1,2-Dichloroethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	123-91-1	1,4-Dioxane	110	U		ug/Kg	110	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	79-01-6	Trichloroethene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	108-87-2	Methylcyclohexane	9.1	J^		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	78-87-5	1,2-Dichloropropane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	75-27-4	Bromodichloromethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	10061-01-5	cis-1,3-Dichloropropene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	108-10-1	4-Methyl-2-pentanone	11	U		ug/Kg	11	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	108-88-3	Toluene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	10061-02-6	trans-1,3-Dichloropropene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	79-00-5	1,1,2-Trichloroethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	127-18-4	Tetrachloroethene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	591-78-6	2-Hexanone	11	U		ug/Kg	11	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	124-48-1	Dibromochloromethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	106-93-4	1,2-Dibromoethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	108-90-7	Chlorobenzene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	100-41-4	Ethylbenzene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	95-47-6	o-Xylene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	179601-23-1	m,p-Xylene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	100-42-5	Styrene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	75-25-2	Bromoform	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	98-82-8	Isopropylbenzene	7.2			ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	79-34-5	1,1,2,2-Tetrachloroethane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	541-73-1	1,3-Dichlorobenzene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	106-46-7	1,4-Dichlorobenzene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	95-50-1	1,2-Dichlorobenzene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	96-12-8	1,2-Dibromo-3-chloropropane	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	120-82-1	1,2,4-Trichlorobenzene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515
42764	F6AA0	F6AB1	L1695-12B	S	08/16/2012	21:41:00	87-61-6	1,2,3-Trichlorobenzene	5.7	U		ug/Kg	5.7	08/06/2012	DSE-10-24-515

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42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	75-71-8	Dichlorodifluoromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	74-87-3	Chloromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	75-01-4	Vinyl chloride	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	74-83-9	Bromomethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	75-00-3	Chloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	75-69-4	Trichlorofluoromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	75-35-4	1,1-Dichloroethene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	67-64-1	Acetone	22		ug/Kg	12	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	75-15-0	Carbon disulfide	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	79-20-9	Methyl acetate	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	75-09-2	Methylene chloride	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	156-60-5	trans-1,2-Dichloroethene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	1634-04-4	Methyl tert-butyl ether	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	75-34-3	1,1-Dichloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	156-59-2	cis-1,2-Dichloroethene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	78-93-3	2-Butanone	4.8	LJ	ug/Kg	12	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	74-97-5	Bromochloromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	67-66-3	Chloroform	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	71-55-6	1,1,1-Trichloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	110-82-7	Cyclohexane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	56-23-5	Carbon tetrachloride	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	71-43-2	Benzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	107-06-2	1,2-Dichloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	123-91-1	1,4-Dioxane	120	U	ug/Kg	120	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	79-01-6	Trichloroethene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	108-87-2	Methylcyclohexane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	78-87-5	1,2-Dichloropropane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	75-27-4	Bromodichloromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	10061-01-5	cis-1,3-Dichloropropene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	108-10-1	4-Methyl-2-pentanone	12	U	ug/Kg	12	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	108-88-3	Toluene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	10061-02-6	trans-1,3-Dichloropropene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	79-00-5	1,1,2-Trichloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	127-18-4	Tetrachloroethene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	591-78-6	2-Hexanone	12	U	ug/Kg	12	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	124-48-1	Dibromochloromethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	106-93-4	1,2-Dibromoethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	108-90-7	Chlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	100-41-4	Ethylbenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	95-47-6	o-Xylene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	179601-23-1	m,p-Xylene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	100-42-5	Styrene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	75-25-2	Bromoform	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	98-82-8	Isopropylbenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	541-73-1	1,3-Dichlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	106-46-7	1,4-Dichlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	95-50-1	1,2-Dichlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	96-12-8	1,2-Dibromo-3-chloropropane	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	120-82-1	1,2,4-Trichlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515
42764	F6AA0	F6AB2	L1695-13B	S	08/16/2012	22:07:00	87-61-6	1,2,3-Trichlorobenzene	6.2	U	ug/Kg	6.2	08/06/2012	DSE-10-48-515

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42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	75-71-8	Dichlorodifluoromethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	74-87-3	Chloromethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	75-01-4	Vinyl chloride	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	74-83-9	Bromomethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	75-00-3	Chloroethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	75-69-4	Trichlorofluoromethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	75-35-4	1,1-Dichloroethene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	67-64-1	Acetone	26		ug/Kg	13	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	75-15-0	Carbon disulfide	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	79-20-9	Methyl acetate	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	75-09-2	Methylene chloride	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	156-60-5	trans-1,2-Dichloroethene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	1634-04-4	Methyl tert-butyl ether	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	75-34-3	1,1-Dichloroethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	156-59-2	cis-1,2-Dichloroethene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	78-93-3	2-Butanone	19		ug/Kg	13	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	74-97-5	Bromochloromethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	67-66-3	Chloroform	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	71-55-6	1,1,1-Trichloroethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	110-82-7	Cyclohexane	2.7	LJ	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	56-23-5	Carbon tetrachloride	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	71-43-2	Benzene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	107-06-2	1,2-Dichloroethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	123-91-1	1,4-Dioxane	130	UR	ug/Kg	130	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	79-01-6	Trichloroethene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	108-87-2	Methylcyclohexane	16	J^	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	78-87-5	1,2-Dichloropropane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	75-27-4	Bromodichloromethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	10061-01-5	cis-1,3-Dichloropropene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	108-10-1	4-Methyl-2-pentanone	13	U	ug/Kg	13	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	108-88-3	Toluene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	10061-02-6	trans-1,3-Dichloropropene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	79-00-5	1,1,2-Trichloroethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	127-18-4	Tetrachloroethene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	591-78-6	2-Hexanone	13	U	ug/Kg	13	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	124-48-1	Dibromochloromethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	106-93-4	1,2-Dibromoethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	108-90-7	Chlorobenzene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	100-41-4	Ethylbenzene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	95-47-6	o-Xylene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	179601-23-1	m,p-Xylene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	100-42-5	Styrene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	75-25-2	Bromoform	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	98-82-8	Isopropylbenzene	5.9	LJ	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	79-34-5	1,1,2,2-Tetrachloroethane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	541-73-1	1,3-Dichlorobenzene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	106-46-7	1,4-Dichlorobenzene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	95-50-1	1,2-Dichlorobenzene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	96-12-8	1,2-Dibromo-3-chloropropane	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	120-82-1	1,2,4-Trichlorobenzene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515
42764	F6AA0	F6AB3	L1695-14B	S	08/16/2012	22:33:00	87-61-6	1,2,3-Trichlorobenzene	6.3	U	ug/Kg	6.3	08/06/2012	DSE-10-72-515

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42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	75-71-8	Dichlorodifluoromethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	74-87-3	Chloromethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	75-01-4	Vinyl chloride	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	74-83-9	Bromomethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	75-00-3	Chloroethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	75-69-4	Trichlorofluoromethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	75-35-4	1,1-Dichloroethene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	67-64-1	Acetone	58		ug/Kg	13	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	75-15-0	Carbon disulfide	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	79-20-9	Methyl acetate	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	75-09-2	Methylene chloride	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	156-60-5	trans-1,2-Dichloroethene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	1634-04-4	Methyl tert-butyl ether	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	75-34-3	1,1-Dichloroethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	156-59-2	cis-1,2-Dichloroethene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	78-93-3	2-Butanone	13	LJ	ug/Kg	13	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	74-97-5	Bromochloromethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	67-66-3	Chloroform	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	71-55-6	1,1,1-Trichloroethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	110-82-7	Cyclohexane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	56-23-5	Carbon tetrachloride	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	71-43-2	Benzene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	107-06-2	1,2-Dichloroethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	123-91-1	1,4-Dioxane	130	U	ug/Kg	130	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	79-01-6	Trichloroethene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	108-87-2	Methylcyclohexane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	78-87-5	1,2-Dichloropropane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	75-27-4	Bromodichloromethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	10061-01-5	cis-1,3-Dichloropropene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	108-10-1	4-Methyl-2-pentanone	13	U	ug/Kg	13	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	108-88-3	Toluene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	10061-02-6	trans-1,3-Dichloropropene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	79-00-5	1,1,2-Trichloroethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	127-18-4	Tetrachloroethene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	591-78-6	2-Hexanone	13	U	ug/Kg	13	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	124-48-1	Dibromochloromethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	106-93-4	1,2-Dibromoethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	108-90-7	Chlorobenzene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	100-41-4	Ethylbenzene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	95-47-6	o-Xylene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	179601-23-1	m,p-Xylene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	100-42-5	Styrene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	75-25-2	Bromoform	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	98-82-8	Isopropylbenzene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	79-34-5	1,1,2,2-Tetrachloroethane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	541-73-1	1,3-Dichlorobenzene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	106-46-7	1,4-Dichlorobenzene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	95-50-1	1,2-Dichlorobenzene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	96-12-8	1,2-Dibromo-3-chloropropane	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	120-82-1	1,2,4-Trichlorobenzene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515
42764	F6AA0	F6AB4	L1695-15B	S	08/16/2012	23:00:00	87-61-6	1,2,3-Trichlorobenzene	6.6	U	ug/Kg	6.6	08/06/2012	DSE-10-96-515

42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	75-71-8	Dichlorodifluoromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	74-87-3	Chloromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	75-01-4	Vinyl chloride	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	74-83-9	Bromomethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	75-00-3	Chloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	75-69-4	Trichlorofluoromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	75-35-4	1,1-Dichloroethene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	67-64-1	Acetone	67		ug/Kg	16	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	75-15-0	Carbon disulfide	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	79-20-9	Methyl acetate	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	75-09-2	Methylene chloride	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	156-60-5	trans-1,2-Dichloroethene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	1634-04-4	Methyl tert-butyl ether	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	75-34-3	1,1-Dichloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	156-59-2	cis-1,2-Dichloroethene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	78-93-3	2-Butanone	63		ug/Kg	16	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	74-97-5	Bromochloromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	67-66-3	Chloroform	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	71-55-6	1,1,1-Trichloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	110-82-7	Cyclohexane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	56-23-5	Carbon tetrachloride	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	71-43-2	Benzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	107-06-2	1,2-Dichloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	123-91-1	1,4-Dioxane	160	U	ug/Kg	160	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	79-01-6	Trichloroethene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	108-87-2	Methylcyclohexane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	78-87-5	1,2-Dichloropropane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	75-27-4	Bromodichloromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	10061-01-5	cis-1,3-Dichloropropene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	108-10-1	4-Methyl-2-pentanone	16	U	ug/Kg	16	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	108-88-3	Toluene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	10061-02-6	trans-1,3-Dichloropropene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	79-00-5	1,1,2-Trichloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	127-18-4	Tetrachloroethene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	591-78-6	2-Hexanone	16	U	ug/Kg	16	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	124-48-1	Dibromochloromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	106-93-4	1,2-Dibromoethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	108-90-7	Chlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	100-41-4	Ethylbenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	95-47-6	o-Xylene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	179601-23-1	m,p-Xylene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	100-42-5	Styrene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	75-25-2	Bromoform	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	98-82-8	Isopropylbenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	541-73-1	1,3-Dichlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	106-46-7	1,4-Dichlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	95-50-1	1,2-Dichlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	96-12-8	1,2-Dibromo-3-chloropropane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	120-82-1	1,2,4-Trichlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515
42764	F6AA0	F6AB7	L1695-16B	S	08/16/2012	23:27:00	87-61-6	1,2,3-Trichlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-13-12-515

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42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	75-71-8	Dichlorodifluoromethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	74-87-3	Chloromethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	75-01-4	Vinyl chloride	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	74-83-9	Bromomethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	75-00-3	Chloroethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	75-69-4	Trichlorofluoromethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	75-35-4	1,1-Dichloroethene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	67-64-1	Acetone	14		ug/Kg	13	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	75-15-0	Carbon disulfide	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	79-20-9	Methyl acetate	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	75-09-2	Methylene chloride	2.8	LJ	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	156-60-5	trans-1,2-Dichloroethene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	1634-04-4	Methyl tert-butyl ether	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	75-34-3	1,1-Dichloroethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	156-59-2	cis-1,2-Dichloroethene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	78-93-3	2-Butanone	35		ug/Kg	13	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	74-97-5	Bromochloromethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	67-66-3	Chloroform	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	71-55-6	1,1,1-Trichloroethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	110-82-7	Cyclohexane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	56-23-5	Carbon tetrachloride	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	71-43-2	Benzene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	107-06-2	1,2-Dichloroethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	123-91-1	1,4-Dioxane	130	U	ug/Kg	130	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	79-01-6	Trichloroethene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	108-87-2	Methylcyclohexane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	78-87-5	1,2-Dichloropropane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	75-27-4	Bromodichloromethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	10061-01-5	cis-1,3-Dichloropropene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	108-10-1	4-Methyl-2-pentanone	13	U	ug/Kg	13	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	108-88-3	Toluene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	10061-02-6	trans-1,3-Dichloropropene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	79-00-5	1,1,2-Trichloroethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	127-18-4	Tetrachloroethene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	591-78-6	2-Hexanone	13	U	ug/Kg	13	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	124-48-1	Dibromochloromethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	106-93-4	1,2-Dibromoethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	108-90-7	Chlorobenzene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	100-41-4	Ethylbenzene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	95-47-6	o-Xylene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	179601-23-1	m,p-Xylene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	100-42-5	Styrene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	75-25-2	Bromoform	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	98-82-8	Isopropylbenzene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	79-34-5	1,1,2,2-Tetrachloroethane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	541-73-1	1,3-Dichlorobenzene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	106-46-7	1,4-Dichlorobenzene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	95-50-1	1,2-Dichlorobenzene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	96-12-8	1,2-Dibromo-3-chloropropane	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	120-82-1	1,2,4-Trichlorobenzene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515
42764	F6AA0	F6AB8	L1695-17B	S	08/16/2012	23:54:00	87-61-6	1,2,3-Trichlorobenzene	6.7	U	ug/Kg	6.7	08/07/2012	DSE-13-24-515

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42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	75-71-8	Dichlorodifluoromethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	74-87-3	Chloromethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	75-01-4	Vinyl chloride	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	74-83-9	Bromomethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	75-00-3	Chloroethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	75-69-4	Trichlorofluoromethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	75-35-4	1,1-Dichloroethene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	67-64-1	Acetone	64		ug/Kg	21	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	75-15-0	Carbon disulfide	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	79-20-9	Methyl acetate	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	75-09-2	Methylene chloride	6.8	LJ	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	156-60-5	trans-1,2-Dichloroethene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	1634-04-4	Methyl tert-butyl ether	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	75-34-3	1,1-Dichloroethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	156-59-2	cis-1,2-Dichloroethene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	78-93-3	2-Butanone	21	U	ug/Kg	21	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	74-97-5	Bromochloromethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	67-66-3	Chloroform	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	71-55-6	1,1,1-Trichloroethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	110-82-7	Cyclohexane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	56-23-5	Carbon tetrachloride	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	71-43-2	Benzene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	107-06-2	1,2-Dichloroethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	123-91-1	1,4-Dioxane	210	U	ug/Kg	210	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	79-01-6	Trichloroethene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	108-87-2	Methylcyclohexane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	78-87-5	1,2-Dichloropropane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	75-27-4	Bromodichloromethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	10061-01-5	cis-1,3-Dichloropropene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	108-10-1	4-Methyl-2-pentanone	21	U	ug/Kg	21	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	108-88-3	Toluene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	10061-02-6	trans-1,3-Dichloropropene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	79-00-5	1,1,2-Trichloroethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	127-18-4	Tetrachloroethene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	591-78-6	2-Hexanone	21	U	ug/Kg	21	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	124-48-1	Dibromochloromethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	106-93-4	1,2-Dibromoethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	108-90-7	Chlorobenzene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	100-41-4	Ethylbenzene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	95-47-6	o-Xylene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	179601-23-1	m,p-Xylene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	100-42-5	Styrene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	75-25-2	Bromoform	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	98-82-8	Isopropylbenzene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	79-34-5	1,1,2,2-Tetrachloroethane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	541-73-1	1,3-Dichlorobenzene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	106-46-7	1,4-Dichlorobenzene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	95-50-1	1,2-Dichlorobenzene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	96-12-8	1,2-Dibromo-3-chloropropane	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	120-82-1	1,2,4-Trichlorobenzene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515
42764	F6AA0	F6AB9	L1695-18B	S	08/17/2012	17:52:00	87-61-6	1,2,3-Trichlorobenzene	10	U	ug/Kg	10	08/07/2012	DSE-13-48-515

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42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	75-71-8	Dichlorodifluoromethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	74-87-3	Chloromethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	75-01-4	Vinyl chloride	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	74-83-9	Bromomethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	75-00-3	Chloroethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	75-69-4	Trichlorofluoromethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	75-35-4	1,1-Dichloroethene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	67-64-1	Acetone	66		ug/Kg	19	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	75-15-0	Carbon disulfide	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	79-20-9	Methyl acetate	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	75-09-2	Methylene chloride	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	156-60-5	trans-1,2-Dichloroethene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	1634-04-4	Methyl tert-butyl ether	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	75-34-3	1,1-Dichloroethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	156-59-2	cis-1,2-Dichloroethene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	78-93-3	2-Butanone	14	LJ	ug/Kg	19	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	74-97-5	Bromochloromethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	67-66-3	Chloroform	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	71-55-6	1,1,1-Trichloroethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	110-82-7	Cyclohexane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	56-23-5	Carbon tetrachloride	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	71-43-2	Benzene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	107-06-2	1,2-Dichloroethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	123-91-1	1,4-Dioxane	190	U	ug/Kg	190	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	79-01-6	Trichloroethene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	108-87-2	Methylcyclohexane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	78-87-5	1,2-Dichloropropane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	75-27-4	Bromodichloromethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	10061-01-5	cis-1,3-Dichloropropene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	108-10-1	4-Methyl-2-pentanone	19	U	ug/Kg	19	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	108-88-3	Toluene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	10061-02-6	trans-1,3-Dichloropropene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	79-00-5	1,1,2-Trichloroethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	127-18-4	Tetrachloroethene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	591-78-6	2-Hexanone	19	U	ug/Kg	19	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	124-48-1	Dibromochloromethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	106-93-4	1,2-Dibromoethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	108-90-7	Chlorobenzene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	100-41-4	Ethylbenzene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	95-47-6	o-Xylene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	179601-23-1	m,p-Xylene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	100-42-5	Styrene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	75-25-2	Bromoform	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	98-82-8	Isopropylbenzene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	79-34-5	1,1,2,2-Tetrachloroethane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	541-73-1	1,3-Dichlorobenzene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	106-46-7	1,4-Dichlorobenzene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	95-50-1	1,2-Dichlorobenzene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	96-12-8	1,2-Dibromo-3-chloropropane	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	120-82-1	1,2,4-Trichlorobenzene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515
42764	F6AA0	F6AC1	L1695-19B	S	08/17/2012	00:45:00	87-61-6	1,2,3-Trichlorobenzene	9.5	U	ug/Kg	9.5	08/07/2012	DSE-13-96-515

42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	75-71-8	Dichlorodifluoromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	74-87-3	Chloromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	75-01-4	Vinyl chloride	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	74-83-9	Bromomethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	75-00-3	Chloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	75-69-4	Trichlorofluoromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	75-35-4	1,1-Dichloroethene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	67-64-1	Acetone	60		ug/Kg	16	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	75-15-0	Carbon disulfide	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	79-20-9	Methyl acetate	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	75-09-2	Methylene chloride	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	156-60-5	trans-1,2-Dichloroethene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	1634-04-4	Methyl tert-butyl ether	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	75-34-3	1,1-Dichloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	156-59-2	cis-1,2-Dichloroethene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	78-93-3	2-Butanone	58		ug/Kg	16	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	74-97-5	Bromochloromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	67-66-3	Chloroform	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	71-55-6	1,1,1-Trichloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	110-82-7	Cyclohexane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	56-23-5	Carbon tetrachloride	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	71-43-2	Benzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	107-06-2	1,2-Dichloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	123-91-1	1,4-Dioxane	160	U	ug/Kg	160	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	79-01-6	Trichloroethene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	108-87-2	Methylcyclohexane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	78-87-5	1,2-Dichloropropane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	75-27-4	Bromodichloromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	10061-01-5	cis-1,3-Dichloropropene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	108-10-1	4-Methyl-2-pentanone	16	U	ug/Kg	16	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	108-88-3	Toluene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	10061-02-6	trans-1,3-Dichloropropene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	79-00-5	1,1,2-Trichloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	127-18-4	Tetrachloroethene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	591-78-6	2-Hexanone	16	U	ug/Kg	16	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	124-48-1	Dibromochloromethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	106-93-4	1,2-Dibromoethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	108-90-7	Chlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	100-41-4	Ethylbenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	95-47-6	o-Xylene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	179601-23-1	m,p-Xylene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	100-42-5	Styrene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	75-25-2	Bromoform	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	98-82-8	Isopropylbenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	541-73-1	1,3-Dichlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	106-46-7	1,4-Dichlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	95-50-1	1,2-Dichlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	96-12-8	1,2-Dibromo-3-chloropropane	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	120-82-1	1,2,4-Trichlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515
42764	F6AA0	F6AC8	L1695-20B	S	08/17/2012	18:19:00	87-61-6	1,2,3-Trichlorobenzene	7.9	U	ug/Kg	7.9	08/07/2012	DSE-16-12-515

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