Rev. 1

SEVERN TRENT STL®

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ANALYTICAL REPORT

REVISED

PROJECT NO. 216-Z9-TRENCH

F06-005

Lot #: F6C220275
SDG #: W04890

Steve Trent

Fluor Hanford Inc
PO Box 1000 T6-03
Richland, WA 99352

JUL 2006
RECEIVED

SEVERN TRENT LABORATORIES, INC.

Melania Harris
Project Manager

REVISED
Dayes
7/13/06

June 30,2006

Case Narrative
SDG: W04890
Revised 6/30/06

This report contains the analytical results for the 18 samples received under chain of custody by STL St. Louis between March 22, 2006 and April 15, 2006. These samples are associated with your F06-005 project.

This is a revised report. Included in this SDG are samples received by STL St. Louis on April 15, 2006 (lot F6D170197). Removed from this report are F06-004 water samples B1HL07 and B1HL10. They are reported under separate cover in SDG W04914.

Cyclohexanone has been added to the reported analyte list for sample B1HKB1 and it's QC. Sample B1HK34 has been corrected for percent moisture. A comment regarding the spectral search of dibutyl butyl phosphonate has been added to the semi-volatiles section of this narrative.

6/30/06 Revision
A narrative note has been included stating that high level volatiles samples B1HK31 and B1HKB0 did not require analysis. All compounds have been reported for high level volatiles samples B1HK44 and B1HL19. Analytical results have been reported for WTPH-D+kerosene sample B1HL22 (with applicable narrative note regarding extraction out of holding time). A narrative note has been included stating that due to laboratory error, MS/MSD analyses were not performed on samples B1HK25, B1HK35 and B1HK40.

The analytical results included in this report meet all applicable quality control procedure requirements except as noted on the following page.

The test results in this report meet all NELAP requirements for parameters in which accreditations are held by STL St. Louis. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

All chemical analysis results are based upon sample as received, wet weight, unless noted otherwise. All radiochemistry results are based upon sample as dried and ground with the exception of tritium, unless requested wet weight by the client.

Observations/Nonconformances
Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt.

Volatiles by SW846 8260B
Methylene chloride was observed in the method blank above the reporting limit. Methylene chloride is a recognized potential laboratory contaminants. Concentrations up to five times the level observed in the method blank, in associated laboratory samples, may be attributed to its presence in the laboratory.

The MS/MSD RPD is not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F6C220275 (2): B1HKB1

The LCS recoveries are outside QC limits for 8 of the compounds spiked. Sample extraction efficiency and compliance is demonstrated by the remaining acceptable LCSD recoveries.
Samples were reanalyzed as medium level extractions.

The LCS/LCSD RPD is not within method acceptance criteria. LCS/LCSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.

The LCS/LCSD surrogate recoveries for Toluene-d8 are outside acceptance limits. LCS/LCSD spike recoveries are within QC limits demonstrating acceptable sample extraction and instrument performance. There is an apparent anomaly in the surrogate addition, isolated to the LCS and not indicative of the batch.

A LCS/LCSD was performed to demonstrate accuracy and replicate precision. The laboratory did not perform an MS/MSD due to laboratory/log-in error.
Affected Samples:
F6D030105 (4): B1HK25 F6D030105 (7): B1HK30
F6D050150 (2): B1HK35

The LCS surrogate recovery for Toluene-d8 is outside acceptance limits. LCS/LCSD spike recoveries are within QC limits demonstrating acceptable sample extraction and instrument performance. There is an apparent anomaly in the surrogate addition, isolated to the LCS and not indicative of the batch.

The LCS recoveries are outside QC limits for less than 10% of the compounds spiked. Laboratory QC practices, based on federal guidance documents, allow for up to 10% of the spike compounds to be outside QC criteria without necessitating re-preparation/re-analysis. Sample extraction efficiency and compliance is demonstrated by the remaining acceptable LCS recoveries.

The LCS/LCSD RPDS are not within method acceptance criteria. There is an apparent anomaly in the preparation or analysis of the LCSD which is isolated to the LCSD. Sample extraction efficiency and compliance is demonstrated by the remaining acceptable LCS recoveries.

Samples were received approximately 24 hours before hold time expired. The reanalysis was performed out of hold time.
Affected Samples:
F6D030105 (4): B1HK25

The LCS recoveries are outside QC limits for less than 10% of the compounds spiked. Laboratory QC practices, based on federal guidance documents, allow for up to 10% of the spike compounds to be outside QC criteria without necessitating re-preparation/re-analysis. Sample extraction efficiency and compliance is demonstrated by the remaining acceptable LCS recoveries.
Affected Samples:
F6D030105 (3): B1HK24 F6D050150 (1): B1HK34
F6D030105 (5): B1HK26 F6D050150 (3): B1HK36
F6D030105 (6): B1HK29

The sample was analyzed as a medium level extract due to high concentrations of target analytes. The reanalysis is logged in as sample F6D050150-001.

The methanol blanks associated with the samples were run with samples F6D050150-003 and F6D030105-005 per client instruction. The water blank is included to demonstrate instrument performance.
Affected Samples:
F6D050150 (2): B1HK35

The internal standard (IS) recovery is outside the lower QC limit for 1,4-Dichlorobenzene-d4 (-54.60%), indicating a potential high bias for the analytes. The sample was reprepared and reanalyzed outside holding time in batch 6095071. The reanalysis, with an acceptable IS, did not yield comparable results. The results with the acceptable IS are reported
Affected Samples:
F6D030105 (4): B1HK25

The LCS recoveries are outside QC limits for less than 10% of the compounds spiked. Laboratory QC practices, based on federal guidance documents, allow for up to 10% of the spike compounds to be outside QC criteria without necessitating re-preparation/re-analysis. Sample purge efficiency and compliance is demonstrated by the remaining acceptable LCS recoveries.

The MS/MSD recoveries are outside QC limits for less than 10% of the compounds spiked. Laboratory QC practices, based on federal guidance documents, allow for up to 10% of the spike compounds to be outside QC criteria without necessitating re-preparation/re-analysis. Sample purge efficiency and compliance is demonstrated by the remaining acceptable MS/MSD recoveries.

The samples were also analyzed as a medium-level extraction due to high concentrations of 1-Butanol. The reporting limit has been adjusted only for 1-Butanol reported from the medium-level extraction analysis.
Affected Samples:
F6D170197 (1): B1HK50 F6D170197 (4): B1HK45
F6D170197 (3): B1HL20

The associated samples were methanol blanks, which were analyzed outside of holding time

The LCS/LCSD RPD is not within method acceptance criteria for Chloroethane (27%). LCS/LCSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F6D170197 (9): B1HK51 F6D170197 (12): B1HL21

Semi-Volatiles by SW846 8270C
The LCS/LCSD recoveries are outside QC limits for less than 10% of the compounds spiked. Laboratory QC practices, based on federal guidance documents, allow for up to 10% of the spike compounds to be outside QC criteria without necessitating re-preparation/re-analysis.

The RPD failed for 2,4-Dinitrophenol (14.96% recovery in the LCS, 11.14% in the LCSD). Sample extraction efficiency and compliance is demonstrated by the remaining acceptable LCS/LCSD recoveries.

There was insufficient sample volume to perform a MS/MSD analysis. A LCS/LCSD were performed to demonstrate accuracy and replicate precision.

There was insufficient sample provided to perform the analysis at the method specified amount of 30 grams. A reduced sample amount was extracted. The reporting limit has been elevated accordingly.
Affected Samples:
F6C220275 (4): B1HKB3

In this BNA batch 6093293, there was insufficient sample volume to perform a MS/MSD analysis. A LCS/LCSD were performed to demonstrate accuracy and replicate precision.

Sample surrogate recovery is outside established QC limits. This excursion is attributed to a matrix interference which is physically evident in the sample.

The LCS/LCSD RPD is not within method acceptance criteria. LCS/LCSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.

The sample was analyzed at a dilution due to high concentrations of target analytes. The reporting limit has been adjusted only for those targets reported from the dilution run.
Affected Samples:
F6D030105 (1): B1HK27 F6D030105 (2): B1HK32

The sample was analyzed at a dilution due to high concentrations of target analytes. The reporting limit has been adjusted only for the dilution. When performing the dilution, the surrogates were diluted to below reliable detection.
Affected Samples:
F6D030105 (2): B1HK32

There was insufficient sample volume to perform MS/MSD analysis. A LCS/LCSD were performed to demonstrate accuracy and replicate precision.
Affected Samples:
F6D170197 (2): B1HK52 F6D170197 (7): B1HL22
F6D170197 (5): B1HK47

The sample was analyzed at a dilution due to high concentrations of target analytes. The reporting limit has been adjusted only for those targets reported from the dilution run. When performing the dilution, the surrogate was diluted to below reliable detection.
Affected Samples:
F6D170197 (2): B1HK52

The Internal Standard recovery is low resulting in a positive bias result for the target analytes associated with the Internal Standard. A second aliquot was fortified with internal standards and yielded comparable results, indicating a matrix interference is present in the sample.
Affected Samples:
F6D170197 (5): B1HK47 F6D170197 (7): B1HL22

The associated samples were analyzed as TICs by spectral search. The library searches of unknown peaks in these samples did not detect dibutyl butyl phosphonate.
Affected Samples:
F6C220275 (4): B1HKB3 F6D170197 (2): B1HK52
F6D030105 (1): B1HK27 F6D170197 (5): B1HK47
F6D030105 (2): B1HK32 F6D170197 (7): B1HL22

Due to the analyte concentrations observed in low level samples, the associated high level volatiles samples did not require analysis.
Affected Samples:
F6D030105 (8): B1HK31 F6C220275 (1): B1HKB0

PCBs by SW846 8082
The DCB surrogate is above 15%D in the closing/opening CCV (PCAL479) on the reporting channel A. All QC and samples associated with this excursion had acceptable DCB recovery, except for samples in Batch 6087440 which exhibited DCB recovery excursions due to chromatographic matrix interference.

There was insufficient sample volume to perform a MS/MSD analysis. A LCS/LCSD were performed to demonstrate accuracy and replicate precision.

There was insufficient sample provided to perform the analysis at the method specified amount of 30 grams. A reduced sample amount was extracted. The reporting limit has been elevated accordingly.
Affected Samples:
F6C220275 (4): B1HKB3

In this PCB batch 6093277, there was insufficient sample volume to perform a MS/MSD analysis. A LCS/LCSD were performed to demonstrate accuracy and replicate precision.

For the opening CCV (PCAL551) on confirmation channel A only, recoveries for Aroclor 1016 and Aroclor 1260 exceed QC criteria. Recoveries on Channel B are acceptable.

On the reporting channel B, the Closing CCV (PCAL557) recovery was outside the upper QC limit (greater than 15% RSD) for Aroclor 1260 indicating a potential high bias for this analyte in the samples associated with this CCV. This analyte was not detected above the reporting limit in the associated samples. In this same CCV on the confirmation channel A, recoveries for Aroclor 1016, Aroclor 1260 and DCB exceed QC criteria.
Affected Samples:
F6D030105 (1): B1HK27 F6D030105 (2): B1HK32

The method requires 3-5 peaks be used for PCB quantitation. Due to the present of matrix interferences in the sample, only 4 peaks were used for quantitation on the confirmation channel A.
Affected Samples:
F6D030105 (2): B1HK32

There was insufficient sample volume to perform MS/MSD analysis. A LCS/LCSD were performed to demonstrate accuracy and replicate precision.
Affected Samples:
F6D170197 (2): B1HK52 F6D170197 (7): B1HL22
F6D170197 (5): B1HK47

The DCB surrogate recovery in the opening CCV (PCAL904) and closing CCV (PCAL910) was above QC limits. All QC/samples affected by this excursion had acceptable surrogate recoveries.
Affected Samples:
F6D170197 (5): B1HK47 F6D170197 (7): B1HL22

TPH by SW846 8015
There was insufficient sample volume to perform a MS/MSD analysis. A LCS/LCSD were performed to demonstrate accuracy and replicate precision.

There was insufficient sample provided to perform the analysis at the method specified amount of 30 grams. A reduced sample amount was extracted. The reporting limit has been elevated accordingly.
Affected Samples:
F6C220275 (4): B1HKB3

The Method Blank surrogate recovery is outside acceptance limits. Samples, associated with this method blank, demonstrated acceptable surrogate recoveries indicating the surrogate excursion is isolated to the method blank and not indicative of the batch.
Affected Samples:
F6C220275 (4): B1HKB3

For TPH batch 6093294, there was insufficient sample volume to perform MS/MSD analysis. A LCS/LCSD were performed to demonstrate accuracy and replicate precision.

The Method Blank surrogate recovery is outside acceptance limits. Samples, associated with this method blank, demonstrated acceptable surrogate recoveries indicating the surrogate excursion is isolated to the method blank and not indicative of the batch.
Affected Samples:
F6D030105 (1): B1HK27 F6D030105 (2): B1HK32

There was insufficient sample volume to perform MS/MSD analysis. A LCS/LCSD were performed to demonstrate accuracy and replicate precision.
Affected Samples:
F6D170197 (2): B1HK52 F6D170197 (7): B1HL22
F6D170197 (5): B1HK47

The Method Blank surrogate recovery is outside acceptance limits. Samples associated with this method blank demonstrated acceptable surrogate recoveries indicating the surrogate excursion is isolated to the method blank and not indicative of the sample.
Affected Samples:
F6D170197 (2): B1HK52

Due to laboratory error, analytical results for the associated sample were not included in the original submission of this report. The sample was extracted outside of hold time and analyzed, with results being provided in this revision.
Affected Samples:
F6F130266-001 (1): B1HL22

ICP Metals by SW846 6010B
The low- level check standard for aluminum was outside the lower established QC limits. However, the concentration of the sample was more similar to that of the ICV/CCV/LCS, which were inside established QC limits.
Affected Samples:
F6C220275 (4): B1HKB3

Mercury by SW846 7471A
There was insufficient sample volume to perform a MS/MSD analysis. A LCS/LCSD were performed to demonstrate accuracy and replicate precision.
Affected Samples:
F6C220275 (4): B1HKB3

The MS and/or MSD recovery is outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery.
Affected Samples:
F6D030105 (1): B1HK27 F6D030105 (2): B1HK32

The MS/MSD recovery is outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery.
Affected Samples:
F6D170197 (2): B1HK52 F6D170197 (7): B1HL22
F6D170197 (5): B1HK47

Ion Chromatography by SW846 9056A
The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Orthophosphate in batch 6096420 is attributed to matrix interference.
Affected Samples:
F6D030105 (1): B1HK27 F6D030105 (2): B1HK32

The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Bromide in batch 6123208, Fluoride in batch 6123210, Orthophosphate in batch 6123215 and Chloride in batch 6123217 is attributed to matrix interference.

Affected Samples:

F6D170197 (2): B1HK52 F6D170197 (7): B1HL22
F6D170197 (5): B1HK47

Nitrate-Nitrite by EPA 353.1

The MS recovery for in batch 6109356 is outside the established QC limits. A matrix interference is evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F6D170197 (2): B1HK52 F6D170197 (7): B1HL22
F6D170197 (5): B1HK47

Oil & Grease by EPA 413.1

The LCS/LCSD recovery for batch 6123275 is outside the upper QC limit, indicating a potential positive bias. There was insufficient sample to perform repreparation/reanalysis.

Affected Samples:

F6D170197 (2): B1HK52 F6D170197 (7): B1HL22
F6D170197 (5): B1HK47

There were no observations or nonconformances to report for the following analyses:

Ammonia by EPA 350.1
Cation-Exchange Capacity by SW846 9081
Hexavalent Chromium by SW846 7196A
Total Inorganic Carbon by SW846 9060
Total Organic Carbon by SW846 9060

METHODS SUMMARY

W04890

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Cation-Exchange Capacity	SW846 9081	SW846 9081
Chloride	SW846 9056A	
Extractable Petroleum Hydrocarbons	SW846 8015 MOD	SW846 3550
Fluoride	SW846 9056A	
Hexavalent Chromium	SW846 7196A	SW846 3060A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Nitrate as N	SW846 9056A	
Nitrate-Nitrite	MCAWW 353.1	
Nitrite as N	SW846 9056A	
Nitrogen, Ammonia	MCAWW 350.1	
Oil & Grease (Gravimetric)	MCAWW 413.1	
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
Phosphate, ortho as P	SW846 9056A	
PCBs by SW-846 8082	SW846 8082	SW846 3550B/366
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
Sulfate	SW846 9056A	
Total Inorganic Carbon	SW846 9060	
Total Organic Carbon	SW846 9060	SW846 9060
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Organics by GC/MS	SW846 8260B	SW846 5035

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

W04890 : F6C220275

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H1QXA	002	B1HKB1	03/13/06	10:40
H10GV	004	B1HKB3	03/13/06	10:40

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

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SAMPLE SUMMARY

W04890 : F6D030105

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H2GLR	001	B1HK27	03/20/06	10:45
H2GME	002	B1HK32	03/22/06	10:05
H2HD3	003	B1HK24	03/20/06	10:45
H2HED	004	B1HK25	03/20/06	10:45
H2HEE	005	B1HK26	03/20/06	10:45
H2HEG	006	B1HK29	03/22/06	10:05
H2HEJ	007	B1HK30	03/22/06	10:05

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SAMPLE SUMMARY

W04890 : F6D050150

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H2MA0	001	B1HK34	03/27/06	14:30
H2MA4	002	B1HK35	03/27/06	14:30
H2MCK	003	B1HK36	03/27/06	14:30

NOTE(S):

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SAMPLE SUMMARY

W04890 : F6D170197

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H3FF3	001	B1HK50	04/04/06	09:15
H3FF5	002	B1HK52	04/04/06	09:15
H3FGC	003	B1HL20	04/06/06	08:50
H3FGF	004	B1HK45	04/06/06	08:50
H3FGG	005	B1HK47	04/06/06	08:50
H3FHH	006	B1HL10	04/06/06	10:34
H3FH4	007	B1HL22	04/06/06	08:50
H3G1K	008	B1HK49	04/04/06	09:15
H3G1M	009	B1HK51	04/04/06	09:15
H3G25	010	B1HK44	04/06/06	08:50
H3G26	011	B1HL19	04/06/06	08:50
H3G27	012	B1HL21	04/06/06	08:50

NOTE(S):

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- Results noted as "ND" were not detected at or above the stated limit.
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SAMPLE SUMMARY

W04890 : F6F130266

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H7AHE	001	B1HL22	04/06/05	08:50

NOTE(S):

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Fluor Hanford Inc

Client Sample ID: B1HKB1

GC/MS Volatiles

Lot-Sample #...: F6C220275-002 **Work Order #...:** H1QXA1AA **Matrix.....:** SOLID
Date Sampled...: 03/13/06 **Date Received..:** 03/22/06
Prep Date.....: 03/22/06 **Analysis Date..:** 03/22/06
Prep Batch #...: 6082131
Dilution Factor: 1
% Moisture.....: 4.5 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetonitrile	ND	52	ug/kg	9.0
1-Butanol	ND	100	ug/kg	9.1
n-Butylbenzene	ND	5.2	ug/kg	0.75
n-Hexane	ND	10	ug/kg	0.80
Acetone	ND	21	ug/kg	5.2
Benzene	ND	5.2	ug/kg	0.44
Bromodichloromethane	ND	5.2	ug/kg	0.32
Bromoform	ND	5.2	ug/kg	0.65
Bromomethane	ND	10	ug/kg	0.76
2-Butanone	ND	10	ug/kg	0.80
Carbon disulfide	ND	5.2	ug/kg	0.57
Carbon tetrachloride	ND	5.2	ug/kg	0.26
Chlorobenzene	ND	5.2	ug/kg	0.57
Dibromochloromethane	ND	5.2	ug/kg	0.27
Chloroethane	ND	10	ug/kg	0.78
Chloroform	ND	5.2	ug/kg	0.52
Chloromethane	ND	10	ug/kg	0.97
1,1-Dichloroethane	ND	5.2	ug/kg	0.68
1,2-Dichloroethane	ND	5.2	ug/kg	0.56
1,1-Dichloroethene	ND	5.2	ug/kg	0.67
1,2-Dichloroethene (total)	ND	10	ug/kg	1.7
1,2-Dichloropropane	ND	5.2	ug/kg	0.41
cis-1,3-Dichloropropene	ND	5.2	ug/kg	0.45
trans-1,3-Dichloropropene	ND	5.2	ug/kg	0.44
Ethylbenzene	ND	5.2	ug/kg	0.32
2-Hexanone	ND	21	ug/kg	1.1
Methylene chloride	ND	5.2	ug/kg	1.2
4-Methyl-2-pentanone	ND	21	ug/kg	0.85
Styrene	ND	5.2	ug/kg	0.28
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	0.66
Tetrachloroethene	ND	5.2	ug/kg	0.63
Toluene	ND	5.2	ug/kg	0.47
1,1,1-Trichloroethane	ND	5.2	ug/kg	0.55
1,1,2-Trichloroethane	ND	5.2	ug/kg	0.50
Trichloroethene	ND	5.2	ug/kg	0.58
Vinyl chloride	ND	5.2	ug/kg	1.9
Xylenes (total)	ND	10	ug/kg	1.3

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Fluor Hanford Inc

Client Sample ID: B1HKB1

GC/MS Volatiles

Lot-Sample #...: F6C220275-002 **Work Order #...:** H1QXA1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Cyclohexanone	ND	100	ug/kg	14
1,2,4-Trimethylbenzene	ND	5.2	ug/kg	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(78 - 136)
Dibromofluoromethane	94	(71 - 142)
1,2-Dichloroethane-d4	89	(62 - 147)
4-Bromofluorobenzene	96	(75 - 133)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

B1HKB1

GC/MS Volatiles

Lot-Sample #: F6C220275-002 **Work Order #:** H1QXA1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

Fluor Hanford Inc

Client Sample ID: B1HK24

GC/MS Volatiles

Lot-Sample #...: F6D030105-003 **Work Order #...:** H2HD31AC **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/05/06
Prep Batch #...: 6095281
Dilution Factor: 1.06
% Moisture.....: 5.7 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1600**	**1100**	**ug/kg**	**54**
Acetonitrile	**960 J**	**2800**	**ug/kg**	**500**
Benzene	ND	280	ug/kg	55
Bromodichloromethane	ND	280	ug/kg	33
Bromoform	ND	280	ug/kg	54
Bromomethane	ND	560	ug/kg	69
1-Butanol	**4000 J**	**5600**	**ug/kg**	**1100**
2-Butanone	**1300**	**1100**	**ug/kg**	**120**
Ethylbenzene	ND	280	ug/kg	54
n-Hexane	ND	560	ug/kg	84
2-Hexanone	ND	1100	ug/kg	130
Methylene chloride	ND	280	ug/kg	52
4-Methyl-2-pentanone	ND	1100	ug/kg	55
Styrene	ND	280	ug/kg	33
1,1,2,2-Tetrachloroethane	ND	280	ug/kg	15
Tetrachloroethene	**130 J**	**280**	**ug/kg**	**59**
Toluene	ND	280	ug/kg	42
1,1,1-Trichloroethane	ND	280	ug/kg	47
1,1,2-Trichloroethane	ND	280	ug/kg	60
Trichloroethene	ND	280	ug/kg	42
1,2,4-Trimethylbenzene	ND	280	ug/kg	33
Vinyl chloride	ND	280	ug/kg	150
Xylenes (total)	ND	560	ug/kg	140
n-Butylbenzene	ND	280	ug/kg	63
Carbon disulfide	ND	280	ug/kg	74
Carbon tetrachloride	**2600**	**280**	**ug/kg**	**59**
Chlorobenzene	ND	280	ug/kg	36
Dibromochloromethane	ND	280	ug/kg	32
Chloroethane	ND	560	ug/kg	24
Chloroform	**110 J**	**280**	**ug/kg**	**47**
Chloromethane	ND	560	ug/kg	57
Cyclohexanone	ND	5600	ug/kg	850
1,1-Dichloroethane	ND	280	ug/kg	81
1,2-Dichloroethane	ND	280	ug/kg	90
1,1-Dichloroethene	ND	280	ug/kg	65
1,2-Dichloroethene (total)	ND	560	ug/kg	130
1,2-Dichloropropane	ND	280	ug/kg	37

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Fluor Hanford Inc

Client Sample ID: B1HK24

GC/MS Volatiles

Lot-Sample #...: F6D030105-003 **Work Order #...:** H2HD31AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	280	ug/kg	15
trans-1,3-Dichloropropene	ND	280	ug/kg	95

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	113	(17 - 150)
Dibromofluoromethane	108	(10 - 150)
1,2-Dichloroethane-d4	98	(19 - 150)
4-Bromofluorobenzene	121	(10 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1HK24

GC/MS Volatiles

Lot-Sample #: F6D030105-003 **Work Order #:** H2HD31AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Ethane, hexachloro-	67-72-1	4200	M	13.112	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1HK25

GC/MS Volatiles

Lot-Sample #...: F6D030105-004 **Work Order #...:** H2HED2AC **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
Prep Date.....: 04/04/06 **Analysis Date..:** 04/04/06
Prep Batch #...: 6095071
Dilution Factor: 0.96
% Moisture.....: 2.5 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**18 J**	**20**	**ug/kg**	**1.3**
Acetonitrile	ND	49	ug/kg	5.2
Benzene	**0.72 J**	**4.9**	**ug/kg**	**0.23**
Bromodichloromethane	ND	4.9	ug/kg	0.14
Bromoform	ND	4.9	ug/kg	0.20
Bromomethane	ND	9.8	ug/kg	0.43
1-Butanol	**75 J**	**98**	**ug/kg**	**33**
2-Butanone	**180**	**20**	**ug/kg**	**1.1**
n-Butylbenzene	ND	4.9	ug/kg	0.22
Carbon disulfide	ND	4.9	ug/kg	0.27
Carbon tetrachloride	**270 E**	**4.9**	**ug/kg**	**0.15**
Chlorobenzene	ND	4.9	ug/kg	0.13
Dibromochloromethane	ND	4.9	ug/kg	0.33
Chloroethane	ND	9.8	ug/kg	0.55
Chloroform	**16**	**4.9**	**ug/kg**	**0.23**
Chloromethane	ND	9.8	ug/kg	0.25
Cyclohexanone	ND	98	ug/kg	30
1,1-Dichloroethane	ND	4.9	ug/kg	0.19
1,2-Dichloroethane	ND	4.9	ug/kg	0.77
1,1-Dichloroethene	ND	4.9	ug/kg	0.67
1,2-Dichloroethene (total)	ND	9.8	ug/kg	0.60
1,2-Dichloropropane	ND	4.9	ug/kg	0.38
cis-1,3-Dichloropropene	ND	4.9	ug/kg	0.15
trans-1,3-Dichloropropene	ND	4.9	ug/kg	0.27
Ethylbenzene	ND	4.9	ug/kg	0.17
n-Hexane	ND	9.8	ug/kg	0.32
2-Hexanone	ND	20	ug/kg	1.2
Methylene chloride	ND	4.9	ug/kg	2.6
4-Methyl-2-pentanone	ND	20	ug/kg	0.89
Styrene	ND	4.9	ug/kg	0.26
1,1,2,2-Tetrachloroethane	**3.8 J**	**4.9**	**ug/kg**	**0.30**
Tetrachloroethene	**8.3**	**4.9**	**ug/kg**	**0.38**
Toluene	**0.75 J**	**4.9**	**ug/kg**	**0.56**
1,1,1-Trichloroethane	ND	4.9	ug/kg	0.17
1,1,2-Trichloroethane	ND	4.9	ug/kg	0.48
Trichloroethene	ND	4.9	ug/kg	0.26
1,2,4-Trimethylbenzene	ND	4.9	ug/kg	0.21

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Fluor Hanford Inc

Client Sample ID: B1HK25

GC/MS Volatiles

Lot-Sample #...: F6D030105-004 **Work Order #...:** H2HED2AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	4.9	ug/kg	0.32
Xylenes (total)	ND	9.8	ug/kg	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	112	(78 - 136)
Dibromofluoromethane	102	(71 - 142)
1,2-Dichloroethane-d4	91	(62 - 147)
4-Bromofluorobenzene	106	(75 - 133)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

Fluor Hanford Inc

B1HK25

GC/MS Volatiles

Lot-Sample #: F6D030105-004 **Work Order #:** H2HED2AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Ethane, hexachloro-	67-72-1	850	M	13.117	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1HK26

GC/MS Volatiles

Lot-Sample #...: F6D030105-005 **Work Order #...:** H2HBE1AC **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/05/06
Prep Batch #...: 6095281
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1300**	**1000**	**ug/kg**	**48**
Acetonitrile	ND	2500	ug/kg	440
Benzene	ND	250	ug/kg	49
Bromodichloromethane	ND	250	ug/kg	29
Bromoform	ND	250	ug/kg	48
Bromomethane	ND	500	ug/kg	62
1-Butanol	**3600 J**	**5000**	**ug/kg**	**1000**
2-Butanone	**1100**	**1000**	**ug/kg**	**100**
n-Butylbenzene	ND	250	ug/kg	56
Carbon disulfide	ND	250	ug/kg	65
Carbon tetrachloride	ND	250	ug/kg	52
Chlorobenzene	ND	250	ug/kg	32
Dibromochloromethane	ND	250	ug/kg	28
Chloroethane	ND	500	ug/kg	21
Chloroform	ND	250	ug/kg	42
Chloromethane	ND	500	ug/kg	51
Cyclohexanone	ND	5000	ug/kg	760
1,1-Dichloroethane	ND	250	ug/kg	72
1,2-Dichloroethane	ND	250	ug/kg	80
1,1-Dichloroethene	ND	250	ug/kg	58
1,2-Dichloroethene (total)	ND	500	ug/kg	110
1,2-Dichloropropane	ND	250	ug/kg	33
cis-1,3-Dichloropropene	ND	250	ug/kg	13
trans-1,3-Dichloropropene	ND	250	ug/kg	84
Ethylbenzene	ND	250	ug/kg	48
n-Hexane	ND	500	ug/kg	74
2-Hexanone	ND	1000	ug/kg	120
Methylene chloride	ND	250	ug/kg	46
4-Methyl-2-pentanone	ND	1000	ug/kg	49
Styrene	ND	250	ug/kg	30
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	14
Tetrachloroethene	ND	250	ug/kg	52
Toluene	ND	250	ug/kg	37
1,1,1-Trichloroethane	ND	250	ug/kg	42
1,1,2-Trichloroethane	ND	250	ug/kg	54
Trichloroethene	ND	250	ug/kg	37
1,2,4-Trimethylbenzene	ND	250	ug/kg	30

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Fluor Hanford Inc

Client Sample ID: B1HK26

GC/MS Volatiles

Lot-Sample #...: F6D030105-005 **Work Order #...:** H2HEE1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	250	ug/kg	130
Xylenes (total)	ND	500	ug/kg	130

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(17 - 150)
Dibromofluoromethane	98	(10 - 150)
1,2-Dichloroethane-d4	94	(19 - 150)
4-Bromofluorobenzene	107	(10 - 150)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1HK26

GC/MS Volatiles

Lot-Sample #: F6D030105-005 **Work Order #:** H2HEE1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

Fluor Hanford Inc

Client Sample ID: B1HK29

GC/MS Volatiles

Lot-Sample #...: F6D030105-006 **Work Order #...:** H2HEG1AC **Matrix.....:** SOLID
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/05/06
Prep Batch #...: 6095281
Dilution Factor: 1.04
% Moisture.....: 1.9 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1500**	**1100**	**ug/kg**	**51**
Acetonitrile	**1300 J**	**2700**	**ug/kg**	**470**
Benzene	ND	270	ug/kg	52
Bromodichloromethane	ND	270	ug/kg	31
Bromoform	ND	270	ug/kg	51
Bromomethane	ND	530	ug/kg	65
1-Butanol	**4000 J**	**5300**	**ug/kg**	**1100**
2-Butanone	**1400**	**1100**	**ug/kg**	**110**
n-Butylbenzene	ND	270	ug/kg	59
Carbon disulfide	ND	270	ug/kg	69
Carbon tetrachloride	**520**	**270**	**ug/kg**	**55**
Chlorobenzene	ND	270	ug/kg	34
Dibromochloromethane	ND	270	ug/kg	30
Chloroethane	ND	530	ug/kg	22
Chloroform	**76 J**	**270**	**ug/kg**	**45**
Chloromethane	ND	530	ug/kg	54
Cyclohexanone	ND	5300	ug/kg	800
1,1-Dichloroethane	ND	270	ug/kg	77
1,2-Dichloroethane	ND	270	ug/kg	85
1,1-Dichloroethene	ND	270	ug/kg	61
1,2-Dichloroethene (total)	ND	530	ug/kg	120
1,2-Dichloropropane	ND	270	ug/kg	35
cis-1,3-Dichloropropene	ND	270	ug/kg	14
trans-1,3-Dichloropropene	ND	270	ug/kg	90
Ethylbenzene	ND	270	ug/kg	51
n-Hexane	ND	530	ug/kg	79
2-Hexanone	ND	1100	ug/kg	120
Methylene chloride	ND	270	ug/kg	49
4-Methyl-2-pentanone	ND	1100	ug/kg	52
Styrene	ND	270	ug/kg	31
1,1,2,2-Tetrachloroethane	ND	270	ug/kg	14
Tetrachloroethene	**220 J**	**270**	**ug/kg**	**55**
Toluene	ND	270	ug/kg	40
1,1,1-Trichloroethane	ND	270	ug/kg	44
1,1,2-Trichloroethane	ND	270	ug/kg	57
Trichloroethene	ND	270	ug/kg	40
1,2,4-Trimethylbenzene	ND	270	ug/kg	32

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Fluor Hanford Inc

Client Sample ID: B1HK29

GC/MS Volatiles

Lot-Sample #...: F6D030105-006 **Work Order #...:** H2HEG1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	270	ug/kg	140
Xylenes (total)	ND	530	ug/kg	140

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	109	(17 - 150)
Dibromofluoromethane	102	(10 - 150)
1,2-Dichloroethane-d4	96	(19 - 150)
4-Bromofluorobenzene	112	(10 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1HK29

GC/MS Volatiles

Lot-Sample #: F6D030105-006 **Work Order #:** H2HEG1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Ethane, hexachloro-	67-72-1	20000	M	13.117	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1HK30

GC/MS Volatiles

Lot-Sample #...: F6D030105-007 **Work Order #...:** H2HEJ1AC **Matrix.....:** SOLID
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
Prep Date.....: 04/03/06 **Analysis Date..:** 04/03/06
Prep Batch #...: 6094079
Dilution Factor: 1
% Moisture.....: 1.9 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**41**	**20**	**ug/kg**	**1.3**
Acetonitrile	ND	51	ug/kg	5.4
Benzene	**3.7 J**	**5.1**	**ug/kg**	**0.23**
Bromodichloromethane	ND	5.1	ug/kg	0.14
Bromoform	ND	5.1	ug/kg	0.20
Bromomethane	ND	10	ug/kg	0.45
1-Butanol	ND	100	ug/kg	34
2-Butanone	**390 E**	**20**	**ug/kg**	**1.1**
n-Butylbenzene	ND	5.1	ug/kg	0.22
Carbon disulfide	ND	5.1	ug/kg	0.28
Carbon tetrachloride	**35**	**5.1**	**ug/kg**	**0.15**
Chlorobenzene	ND	5.1	ug/kg	0.13
Dibromochloromethane	ND	5.1	ug/kg	0.35
Chloroethane	ND	10	ug/kg	0.57
Chloroform	**2.2 J**	**5.1**	**ug/kg**	**0.23**
Chloromethane	ND	10	ug/kg	0.25
Cyclohexanone	ND	100	ug/kg	31
1,1-Dichloroethane	ND	5.1	ug/kg	0.19
1,2-Dichloroethane	ND	5.1	ug/kg	0.79
1,1-Dichloroethene	ND	5.1	ug/kg	0.69
1,2-Dichloroethene (total)	ND	10	ug/kg	0.62
1,2-Dichloropropane	ND	5.1	ug/kg	0.40
cis-1,3-Dichloropropene	ND	5.1	ug/kg	0.15
trans-1,3-Dichloropropene	ND	5.1	ug/kg	0.28
Ethylbenzene	ND	5.1	ug/kg	0.17
n-Hexane	**3.4 J**	**10**	**ug/kg**	**0.34**
2-Hexanone	**2.3 J**	**20**	**ug/kg**	**1.3**
Methylene chloride	ND	5.1	ug/kg	2.7
4-Methyl-2-pentanone	ND	20	ug/kg	0.92
Styrene	ND	5.1	ug/kg	0.26
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg	0.31
Tetrachloroethene	**5.2**	**5.1**	**ug/kg**	**0.40**
Toluene	**2.3 J**	**5.1**	**ug/kg**	**0.58**
1,1,1-Trichloroethane	ND	5.1	ug/kg	0.17
1,1,2-Trichloroethane	ND	5.1	ug/kg	0.50
Trichloroethene	ND	5.1	ug/kg	0.26
1,2,4-Trimethylbenzene	ND	5.1	ug/kg	0.21

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Fluor Hanford Inc

Client Sample ID: B1HK30

GC/MS Volatiles

Lot-Sample #...: F6D030105-007 **Work Order #...:** H2HEJ1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	5.1	ug/kg	0.34
Xylenes (total)	ND	10	ug/kg	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(78 - 136)
Dibromofluoromethane	97	(71 - 142)
1,2-Dichloroethane-d4	88	(62 - 147)
4-Bromofluorobenzene	105	(75 - 133)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

Fluor Hanford Inc

B1HK30

GC/MS Volatiles

Lot-Sample #: F6D030105-007 **Work Order #:** H2HEJ1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
HEXACHLOROETHANE	67-72-1	240	M	13.112	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1HK34

GC/MS Volatiles

Lot-Sample #...: F6D050150-001 **Work Order #...:** H2MA01AC **Matrix.....:** SOLID
Date Sampled...: 03/27/06 **Date Received..:** 04/05/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/05/06
Prep Batch #...: 6095281
Dilution Factor: 1.22
% Moisture.....: 2.3 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1500**	**1200**	**ug/kg**	**60**
Acetonitrile	ND	3100	ug/kg	550
Benzene	ND	310	ug/kg	61
Bromodichloromethane	ND	310	ug/kg	37
Bromoform	ND	310	ug/kg	60
Bromomethane	ND	620	ug/kg	77
1-Butanol	**5700 J**	**6200**	**ug/kg**	**1300**
2-Butanone	**1400**	**1200**	**ug/kg**	**130**
n-Butylbenzene	ND	310	ug/kg	70
Carbon disulfide	ND	310	ug/kg	82
Carbon tetrachloride	**1500**	**310**	**ug/kg**	**65**
Chlorobenzene	ND	310	ug/kg	40
Dibromochloromethane	ND	310	ug/kg	35
Chloroethane	ND	620	ug/kg	26
Chloroform	ND	310	ug/kg	53
Chloromethane	ND	620	ug/kg	63
Cyclohexanone	ND	6200	ug/kg	950
1,1-Dichloroethane	ND	310	ug/kg	90
1,2-Dichloroethane	ND	310	ug/kg	100
1,1-Dichloroethene	ND	310	ug/kg	72
1,2-Dichloroethene (total)	ND	620	ug/kg	140
1,2-Dichloropropane	ND	310	ug/kg	41
cis-1,3-Dichloropropene	ND	310	ug/kg	16
trans-1,3-Dichloropropene	ND	310	ug/kg	110
Ethylbenzene	ND	310	ug/kg	60
n-Hexane	ND	620	ug/kg	93
2-Hexanone	ND	1200	ug/kg	150
Methylene chloride	ND	310	ug/kg	57
4-Methyl-2-pentanone	ND	1200	ug/kg	61
Styrene	ND	310	ug/kg	37
1,1,2,2-Tetrachloroethane	ND	310	ug/kg	17
Tetrachloroethene	**73 J**	**310**	**ug/kg**	**65**
Toluene	ND	310	ug/kg	47
1,1,1-Trichloroethane	ND	310	ug/kg	52
1,1,2-Trichloroethane	ND	310	ug/kg	67
Trichloroethene	ND	310	ug/kg	47
1,2,4-Trimethylbenzene	ND	310	ug/kg	37

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Fluor Hanford Inc

Client Sample ID: B1HK34

GC/MS Volatiles

Lot-Sample #...: F6D050150-001 **Work Order #...:** H2MA01AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	310	ug/kg	160
Xylenes (total)	ND	620	ug/kg	160

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	127	(17 - 150)
Dibromofluoromethane	116	(10 - 150)
1,2-Dichloroethane-d4	102	(19 - 150)
4-Bromofluorobenzene	130	(10 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1HK34

GC/MS Volatiles

Lot-Sample #: F6D050150-001 **Work Order #:** H2MA01AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

Fluor Hanford Inc

Client Sample ID: B1HK35

GC/MS Volatiles

Lot-Sample #...: F6D050150-002 **Work Order #...:** H2MA41AC **Matrix.....:** SOLID
Date Sampled...: 03/27/06 **Date Received..:** 04/05/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/05/06
Prep Batch #...: 6097055
Dilution Factor: 1.25
% Moisture.....: 2.3 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**9.1 J**	**26**	**ug/kg**	**1.7**
Acetonitrile	ND	64	ug/kg	6.8
Benzene	ND	6.4	ug/kg	0.29
Bromodichloromethane	ND	6.4	ug/kg	0.18
Bromoform	ND	6.4	ug/kg	0.26
Bromomethane	ND	13	ug/kg	0.56
1-Butanol	**140**	**130**	**ug/kg**	**42**
2-Butanone	**86**	**26**	**ug/kg**	**1.4**
n-Butylbenzene	ND	6.4	ug/kg	0.28
Carbon disulfide	ND	6.4	ug/kg	0.35
Carbon tetrachloride	**750 E**	**6.4**	**ug/kg**	**0.19**
Chlorobenzene	ND	6.4	ug/kg	0.17
Dibromochloromethane	ND	6.4	ug/kg	0.44
Chloroethane	ND	13	ug/kg	0.72
Chloroform	**34**	**6.4**	**ug/kg**	**0.29**
Chloromethane	ND	13	ug/kg	0.32
Cyclohexanone	ND	130	ug/kg	39
1,1-Dichloroethane	ND	6.4	ug/kg	0.24
1,2-Dichloroethane	ND	6.4	ug/kg	1.0
1,1-Dichloroethene	ND	6.4	ug/kg	0.87
1,2-Dichloroethene (total)	ND	13	ug/kg	0.78
1,2-Dichloropropane	ND	6.4	ug/kg	0.50
cis-1,3-Dichloropropene	ND	6.4	ug/kg	0.19
trans-1,3-Dichloropropene	ND	6.4	ug/kg	0.35
Ethylbenzene	**0.80 J**	**6.4**	**ug/kg**	**0.22**
n-Hexane	ND	13	ug/kg	0.42
2-Hexanone	**2.4 J**	**26**	**ug/kg**	**1.6**
Methylene chloride	ND	6.4	ug/kg	3.4
4-Methyl-2-pentanone	ND	26	ug/kg	1.2
Styrene	**0.48 J**	**6.4**	**ug/kg**	**0.33**
1,1,2,2-Tetrachloroethane	**5.1 J**	**6.4**	**ug/kg**	**0.38**
Tetrachloroethene	**37**	**6.4**	**ug/kg**	**0.50**
Toluene	ND	6.4	ug/kg	0.73
1,1,1-Trichloroethane	ND	6.4	ug/kg	0.22
1,1,2-Trichloroethane	ND	6.4	ug/kg	0.63
Trichloroethene	**1.3 J**	**6.4**	**ug/kg**	**0.33**
1,2,4-Trimethylbenzene	ND	6.4	ug/kg	0.27

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1HK35

GC/MS Volatiles

Lot-Sample #...: F6D050150-002 **Work Order #...:** H2MA41AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	6.4	ug/kg	0.42
Xylenes (total)	**3.0 J**	**13**	**ug/kg**	**0.52**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(78 - 136)
Dibromofluoromethane	106	(71 - 142)
1,2-Dichloroethane-d4	89	(62 - 147)
4-Bromofluorobenzene	94	(75 - 133)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

Fluor Hanford Inc

B1HK35

GC/MS Volatiles

Lot-Sample #: F6D050150-002 **Work Order #:** H2MA41AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Ethane, hexachloro-	67-72-1	1000	M	13.116	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1HK36

GC/MS Volatiles

Lot-Sample #...: F6D050150-003 **Work Order #...:** H2MCK1AC **Matrix.....:** SOLID
Date Sampled...: 03/27/06 **Date Received..:** 04/05/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/05/06
Prep Batch #...: 6095281
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1400**	**1000**	**ug/kg**	**48**
Acetonitrile	**1400 J**	**2500**	**ug/kg**	**440**
Benzene	ND	250	ug/kg	49
Bromodichloromethane	ND	250	ug/kg	29
Bromoform	ND	250	ug/kg	48
Bromomethane	ND	500	ug/kg	62
1-Butanol	**7100**	**5000**	**ug/kg**	**1000**
2-Butanone	**1100**	**1000**	**ug/kg**	**100**
n-Butylbenzene	ND	250	ug/kg	56
Carbon disulfide	ND	250	ug/kg	65
Carbon tetrachloride	ND	250	ug/kg	52
Chlorobenzene	ND	250	ug/kg	32
Dibromochloromethane	ND	250	ug/kg	28
Chloroethane	ND	500	ug/kg	21
Chloroform	ND	250	ug/kg	42
Chloromethane	ND	500	ug/kg	51
Cyclohexanone	ND	5000	ug/kg	760
1,1-Dichloroethane	ND	250	ug/kg	72
1,2-Dichloroethane	ND	250	ug/kg	80
1,1-Dichloroethene	ND	250	ug/kg	58
1,2-Dichloroethene (total)	ND	500	ug/kg	110
1,2-Dichloropropane	ND	250	ug/kg	33
cis-1,3-Dichloropropene	ND	250	ug/kg	13
trans-1,3-Dichloropropene	ND	250	ug/kg	84
Ethylbenzene	ND	250	ug/kg	48
n-Hexane	ND	500	ug/kg	74
2-Hexanone	ND	1000	ug/kg	120
Methylene chloride	ND	250	ug/kg	46
4-Methyl-2-pentanone	ND	1000	ug/kg	49
Styrene	ND	250	ug/kg	30
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	14
Tetrachloroethene	ND	250	ug/kg	52
Toluene	ND	250	ug/kg	37
1,1,1-Trichloroethane	ND	250	ug/kg	42
1,1,2-Trichloroethane	ND	250	ug/kg	54
Trichloroethene	ND	250	ug/kg	37
1,2,4-Trimethylbenzene	ND	250	ug/kg	30

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1HK36

GC/MS Volatiles

Lot-Sample #...: F6D050150-003 **Work Order #...:** H2MCK1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	250	ug/kg	130
Xylenes (total)	ND	500	ug/kg	130

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(17 - 150)
Dibromofluoromethane	95	(10 - 150)
1,2-Dichloroethane-d4	86	(19 - 150)
4-Bromofluorobenzene	104	(10 - 150)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1HK36

GC/MS Volatiles

Lot-Sample #: F6D050150-003 **Work Order #:** H2MCK1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown alkane		600	M	12.017	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1HK50

GC/MS Volatiles

Lot-Sample #...: F6D170197-001 **Work Order #...:** H3FF31AC **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06
Prep Date.....: 04/17/06 **Analysis Date..:** 04/17/06
Prep Batch #...: 6108260
Dilution Factor: 1.13
% Moisture.....: 9.6 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**31 B**	**25**	**ug/kg**	**1.6**
Acetonitrile	**15 J**	**62**	**ug/kg**	**6.6**
Benzene	ND	6.2	ug/kg	0.29
Bromodichloromethane	ND	6.2	ug/kg	0.17
Bromoform	ND	6.2	ug/kg	0.25
Bromomethane	ND	12	ug/kg	0.55
1-Butanol	**3800 E**	**120**	**ug/kg**	**41**
2-Butanone	**120**	**25**	**ug/kg**	**1.4**
n-Butylbenzene	ND	6.2	ug/kg	0.27
Carbon disulfide	ND	6.2	ug/kg	0.34
Carbon tetrachloride	ND	6.2	ug/kg	0.19
Chlorobenzene	ND	6.2	ug/kg	0.16
Dibromochloromethane	ND	6.2	ug/kg	0.42
Chloroethane	ND	12	ug/kg	0.70
Chloroform	ND	6.2	ug/kg	0.29
Chloromethane	ND	12	ug/kg	0.31
Cyclohexanone	ND	120	ug/kg	38
1,1-Dichloroethane	ND	6.2	ug/kg	0.24
1,2-Dichloroethane	ND	6.2	ug/kg	0.97
1,1-Dichloroethene	ND	6.2	ug/kg	0.85
1,2-Dichloroethene (total)	ND	12	ug/kg	0.76
1,2-Dichloropropane	ND	6.2	ug/kg	0.49
cis-1,3-Dichloropropene	ND	6.2	ug/kg	0.19
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.34
Ethylbenzene	ND	6.2	ug/kg	0.21
n-Hexane	ND	12	ug/kg	0.41
2-Hexanone	ND	25	ug/kg	1.6
Methylene chloride	ND	6.2	ug/kg	3.3
4-Methyl-2-pentanone	ND	25	ug/kg	1.1
Styrene	ND	6.2	ug/kg	0.32
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.37
Tetrachloroethene	ND	6.2	ug/kg	0.49
Toluene	ND	6.2	ug/kg	0.71
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.21
1,1,2-Trichloroethane	ND	6.2	ug/kg	0.61
Trichloroethene	ND	6.2	ug/kg	0.32
1,2,4-Trimethylbenzene	ND	6.2	ug/kg	0.26

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Fluor Hanford Inc

Client Sample ID: B1HK50

GC/MS Volatiles

Lot-Sample #...: F6D170197-001 **Work Order #...:** H3FF31AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	6.2	ug/kg	0.41
Xylenes (total)	ND	12	ug/kg	0.51

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(78 - 136)
Dibromofluoromethane	102	(71 - 142)
1,2-Dichloroethane-d4	102	(62 - 147)
4-Bromofluorobenzene	101	(75 - 133)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

Fluor Hanford Inc

B1HK50

GC/MS Volatiles

Lot-Sample #: F6D170197-001 **Work Order #:** H3FF31AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

Fluor Hanford Inc

Client Sample ID: B1HL20

GC/MS Volatiles

Lot-Sample #...: F6D170197-003 **Work Order #...:** H3FGC1AC **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
Prep Date.....: 04/17/06 **Analysis Date..:** 04/17/06
Prep Batch #...: 6108260
Dilution Factor: 1
% Moisture.....: 9.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**30 B**	**22**	**ug/kg**	**1.4**
Acetonitrile	**14 J**	**55**	**ug/kg**	**5.8**
Benzene	**0.87 J**	**5.5**	**ug/kg**	**0.25**
Bromodichloromethane	ND	5.5	ug/kg	0.15
Bromoform	ND	5.5	ug/kg	0.22
Bromomethane	ND	11	ug/kg	0.48
1-Butanol	**3200 E**	**110**	**ug/kg**	**36**
2-Butanone	**110**	**22**	**ug/kg**	**1.2**
n-Butylbenzene	ND	5.5	ug/kg	0.24
Carbon disulfide	ND	5.5	ug/kg	0.30
Carbon tetrachloride	ND	5.5	ug/kg	0.16
Chlorobenzene	ND	5.5	ug/kg	0.14
Dibromochloromethane	ND	5.5	ug/kg	0.37
Chloroethane	ND	11	ug/kg	0.62
Chloroform	ND	5.5	ug/kg	0.25
Chloromethane	ND	11	ug/kg	0.27
Cyclohexanone	ND	110	ug/kg	33
1,1-Dichloroethane	ND	5.5	ug/kg	0.21
1,2-Dichloroethane	ND	5.5	ug/kg	0.86
1,1-Dichloroethene	ND	5.5	ug/kg	0.75
1,2-Dichloroethene (total)	ND	11	ug/kg	0.67
1,2-Dichloropropane	ND	5.5	ug/kg	0.43
cis-1,3-Dichloropropene	ND	5.5	ug/kg	0.16
trans-1,3-Dichloropropene	ND	5.5	ug/kg	0.30
Ethylbenzene	ND	5.5	ug/kg	0.19
n-Hexane	ND	11	ug/kg	0.36
2-Hexanone	ND	22	ug/kg	1.4
Methylene chloride	ND	5.5	ug/kg	2.9
4-Methyl-2-pentanone	ND	22	ug/kg	0.99
Styrene	ND	5.5	ug/kg	0.29
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg	0.33
Tetrachloroethene	ND	5.5	ug/kg	0.43
Toluene	**0.66 J**	**5.5**	**ug/kg**	**0.63**
1,1,1-Trichloroethane	ND	5.5	ug/kg	0.19
1,1,2-Trichloroethane	ND	5.5	ug/kg	0.54
Trichloroethene	ND	5.5	ug/kg	0.29
1,2,4-Trimethylbenzene	ND	5.5	ug/kg	0.23

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Fluor Hanford Inc

Client Sample ID: B1HL20

GC/MS Volatiles

Lot-Sample #...: F6D170197-003 **Work Order #...:** H3FGC1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	5.5	ug/kg	0.36
Xylenes (total)	ND	11	ug/kg	0.45

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(78 - 136)
Dibromofluoromethane	109	(71 - 142)
1,2-Dichloroethane-d4	107	(62 - 147)
4-Bromofluorobenzene	103	(75 - 133)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

Fluor Hanford Inc

B1HL20

GC/MS Volatiles

Lot-Sample #: F6D170197-003 **Work Order #:** H3FGC1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

Fluor Hanford Inc

Client Sample ID: B1HK45

GC/MS Volatiles

Lot-Sample #...: F6D170197-004 **Work Order #...:** H3FGF1AC **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
Prep Date.....: 04/17/06 **Analysis Date..:** 04/17/06
Prep Batch #...: 6108260
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**21 J,B**	**22**	**ug/kg**	**1.5**
Acetonitrile	**13 J**	**56**	**ug/kg**	**5.9**
Benzene	**1.0 J**	**5.6**	**ug/kg**	**0.26**
Bromodichloromethane	ND	5.6	ug/kg	0.16
Bromoform	ND	5.6	ug/kg	0.22
Bromomethane	ND	11	ug/kg	0.49
1-Butanol	**2500 E**	**110**	**ug/kg**	**37**
2-Butanone	**68**	**22**	**ug/kg**	**1.2**
n-Butylbenzene	ND	5.6	ug/kg	0.25
Carbon disulfide	ND	5.6	ug/kg	0.30
Carbon tetrachloride	ND	5.6	ug/kg	0.17
Chlorobenzene	ND	5.6	ug/kg	0.15
Dibromochloromethane	ND	5.6	ug/kg	0.38
Chloroethane	ND	11	ug/kg	0.63
Chloroform	ND	5.6	ug/kg	0.26
Chloromethane	ND	11	ug/kg	0.28
Cyclohexanone	ND	110	ug/kg	34
1,1-Dichloroethane	ND	5.6	ug/kg	0.21
1,2-Dichloroethane	ND	5.6	ug/kg	0.87
1,1-Dichloroethene	ND	5.6	ug/kg	0.76
1,2-Dichloroethene (total)	ND	11	ug/kg	0.68
1,2-Dichloropropane	ND	5.6	ug/kg	0.44
cis-1,3-Dichloropropene	ND	5.6	ug/kg	0.17
trans-1,3-Dichloropropene	ND	5.6	ug/kg	0.30
Ethylbenzene	ND	5.6	ug/kg	0.19
n-Hexane	ND	11	ug/kg	0.37
2-Hexanone	ND	22	ug/kg	1.4
Methylene chloride	ND	5.6	ug/kg	3.0
4-Methyl-2-pentanone	ND	22	ug/kg	1.0
Styrene	ND	5.6	ug/kg	0.29
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	0.34
Tetrachloroethene	ND	5.6	ug/kg	0.44
Toluene	**0.65 J**	**5.6**	**ug/kg**	**0.64**
1,1,1-Trichloroethane	ND	5.6	ug/kg	0.19
1,1,2-Trichloroethane	ND	5.6	ug/kg	0.55
Trichloroethene	ND	5.6	ug/kg	0.29
1,2,4-Trimethylbenzene	ND	5.6	ug/kg	0.24

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Fluor Hanford Inc

Client Sample ID: B1HK45

GC/MS Volatiles

Lot-Sample #...: F6D170197-004 **Work Order #...:** H3FGF1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	5.6	ug/kg	0.37
Xylenes (total)	ND	11	ug/kg	0.46

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(78 - 136)
Dibromofluoromethane	106	(71 - 142)
1,2-Dichloroethane-d4	111	(62 - 147)
4-Bromofluorobenzene	100	(75 - 133)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

E Estimated result. Result concentration exceeds the calibration range.

Fluor Hanford Inc

B1HK45

GC/MS Volatiles

Lot-Sample #: F6D170197-004 **Work Order #:** H3FGF1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

Fluor Hanford Inc

Client Sample ID: B1HK49

GC/MS Volatiles

Lot-Sample #...: F6D170197-008 **Work Order #...:** H3G1K1AC **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06
Prep Date.....: 04/18/06 **Analysis Date..:** 04/18/06
Prep Batch #...: 6139363
Dilution Factor: 1
% Moisture.....: 9.6 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**300 J,B**	**1100**	**ug/kg**	**53**
Acetonitrile	ND	5500	ug/kg	490
Benzene	ND	280	ug/kg	54
Bromodichloromethane	ND	280	ug/kg	32
Bromoform	ND	280	ug/kg	53
Bromomethane	ND	550	ug/kg	68
1-Butanol	**4200 D**	**1100**	**ug/kg**	**1100**
2-Butanone	**130 J**	**1100**	**ug/kg**	**120**
n-Butylbenzene	ND	280	ug/kg	62
Carbon disulfide	ND	280	ug/kg	72
Carbon tetrachloride	ND	280	ug/kg	58
Chlorobenzene	ND	280	ug/kg	35
Dibromochloromethane	ND	280	ug/kg	31
Chloroethane	ND	550	ug/kg	23
Chloroform	ND	280	ug/kg	47
Chloromethane	ND	550	ug/kg	56
Cyclohexanone	ND	1100	ug/kg	840
1,1-Dichloroethane	ND	280	ug/kg	80
1,2-Dichloroethane	ND	280	ug/kg	89
1,1-Dichloroethene	ND	280	ug/kg	64
1,2-Dichloroethene (total)	ND	550	ug/kg	130
1,2-Dichloropropane	ND	280	ug/kg	37
cis-1,3-Dichloropropene	ND	280	ug/kg	15
trans-1,3-Dichloropropene	ND	280	ug/kg	93
Ethylbenzene	ND	280	ug/kg	53
n-Hexane	ND	550	ug/kg	82
2-Hexanone	ND	1100	ug/kg	130
Methylene chloride	**140 J,B**	**280**	**ug/kg**	**51**
4-Methyl-2-pentanone	ND	1100	ug/kg	54
Styrene	ND	280	ug/kg	33
1,1,2,2-Tetrachloroethane	**24 J,B**	**280**	**ug/kg**	**15**
Tetrachloroethene	ND	280	ug/kg	58
Toluene	ND	280	ug/kg	41
1,1,1-Trichloroethane	ND	280	ug/kg	46
1,1,2-Trichloroethane	ND	280	ug/kg	59
Trichloroethene	ND	280	ug/kg	41
1,2,4-Trimethylbenzene	ND	280	ug/kg	33

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Fluor Hanford Inc

Client Sample ID: B1HK49

GC/MS Volatiles

Lot-Sample #...: F6D170197-008 **Work Order #...:** H3G1K1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	280	ug/kg	150
Xylenes (total)	ND	550	ug/kg	140

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	73	(17 - 150)
Dibromofluoromethane	71	(10 - 150)
1,2-Dichloroethane-d4	76	(19 - 150)
4-Bromofluorobenzene	85	(10 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1HK51

GC/MS Volatiles

Lot-Sample #...: F6D170197-009 **Work Order #...:** H3G1M1AC **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6136631
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1000**	**1000**	**ug/kg**	**48**
Acetonitrile	ND	2500	ug/kg	440
Benzene	ND	250	ug/kg	49
Bromodichloromethane	ND	250	ug/kg	29
Bromoform	ND	250	ug/kg	48
Bromomethane	ND	500	ug/kg	62
1-Butanol	ND	5000	ug/kg	1000
2-Butanone	**1100**	**1000**	**ug/kg**	**100**
n-Butylbenzene	ND	250	ug/kg	56
Carbon disulfide	ND	250	ug/kg	65
Carbon tetrachloride	ND	250	ug/kg	52
Chlorobenzene	ND	250	ug/kg	32
Dibromochloromethane	ND	250	ug/kg	28
Chloroethane	ND	500	ug/kg	21
Chloroform	ND	250	ug/kg	42
Chloromethane	ND	500	ug/kg	51
Cyclohexanone	ND	5000	ug/kg	760
1,1-Dichloroethane	ND	250	ug/kg	72
1,2-Dichloroethane	ND	250	ug/kg	80
1,1-Dichloroethene	ND	250	ug/kg	58
1,2-Dichloroethene (total)	ND	500	ug/kg	110
1,2-Dichloropropane	ND	250	ug/kg	33
cis-1,3-Dichloropropene	ND	250	ug/kg	13
trans-1,3-Dichloropropene	ND	250	ug/kg	84
Ethylbenzene	ND	250	ug/kg	48
n-Hexane	ND	500	ug/kg	74
2-Hexanone	ND	1000	ug/kg	120
Methylene chloride	ND	250	ug/kg	46
4-Methyl-2-pentanone	ND	1000	ug/kg	49
Styrene	ND	250	ug/kg	30
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	14
Tetrachloroethene	ND	250	ug/kg	52
Toluene	ND	250	ug/kg	37
1,1,1-Trichloroethane	ND	250	ug/kg	42
1,1,2-Trichloroethane	ND	250	ug/kg	54
Trichloroethene	ND	250	ug/kg	37
1,2,4-Trimethylbenzene	ND	250	ug/kg	30

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Fluor Hanford Inc

Client Sample ID: B1HK51

GC/MS Volatiles

Lot-Sample #...: F6D170197-009 **Work Order #...:** H3G1M1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	250	ug/kg	130
Xylenes (total)	ND	500	ug/kg	130

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	110	(17 - 150)
Dibromofluoromethane	99	(10 - 150)
1,2-Dichloroethane-d4	107	(19 - 150)
4-Bromofluorobenzene	115	(10 - 150)

Fluor Hanford Inc

Client Sample ID: B1HK44

GC/MS Volatiles

Lot-Sample #...: F6D170197-010 **Work Order #...:** H3G251AC **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
Prep Date.....: 04/18/06 **Analysis Date..:** 04/18/06
Prep Batch #...: 6139363
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1100	ug/kg	54
Acetonitrile	ND	2800	ug/kg	500
Benzene	ND	280	ug/kg	55
Bromodichloromethane	ND	280	ug/kg	33
Bromoform	ND	280	ug/kg	54
Bromomethane	ND	560	ug/kg	69
1-Butanol	**4400 J**	**5600**	**ug/kg**	**1100**
2-Butanone	ND	1100	ug/kg	120
n-Butylbenzene	ND	280	ug/kg	63
Carbon disulfide	ND	280	ug/kg	74
Carbon tetrachloride	ND	280	ug/kg	59
Chlorobenzene	ND	280	ug/kg	36
Dibromochloromethane	ND	280	ug/kg	32
Chloroethane	ND	560	ug/kg	24
Chloroform	ND	280	ug/kg	47
Chloromethane	ND	560	ug/kg	57
Cyclohexanone	ND	5600	ug/kg	850
1,1-Dichloroethane	ND	280	ug/kg	81
1,2-Dichloroethane	ND	280	ug/kg	90
1,1-Dichloroethene	ND	280	ug/kg	65
1,2-Dichloroethene (total)	ND	560	ug/kg	130
1,2-Dichloropropane	ND	280	ug/kg	37
cis-1,3-Dichloropropene	ND	280	ug/kg	15
trans-1,3-Dichloropropene	ND	280	ug/kg	95
Ethylbenzene	ND	280	ug/kg	54
n-Hexane	ND	560	ug/kg	83
2-Hexanone	ND	1100	ug/kg	130
Methylene chloride	ND	280	ug/kg	52
4-Methyl-2-pentanone	ND	1100	ug/kg	55
Styrene	ND	280	ug/kg	33
1,1,2,2-Tetrachloroethane	ND	280	ug/kg	15
Tetrachloroethene	ND	280	ug/kg	59
Toluene	ND	280	ug/kg	42
1,1,1-Trichloroethane	ND	280	ug/kg	47
1,1,2-Trichloroethane	ND	280	ug/kg	60
Trichloroethene	ND	280	ug/kg	42
1,2,4-Trimethylbenzene	ND	280	ug/kg	33

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Fluor Hanford Inc

Client Sample ID: B1HK44

GC/MS Volatiles

Lot-Sample #...: F6D170197-010 **Work Order #...:** H3G251AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	280	ug/kg	150
Xylenes (total)	ND	560	ug/kg	140

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	88	(17 - 150)
Dibromofluoromethane	86	(10 - 150)
1,2-Dichloroethane-d4	89	(19 - 150)
4-Bromofluorobenzene	95	(10 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1HL19

GC/MS Volatiles

Lot-Sample #...: F6D170197-011 **Work Order #...:** H3G261AC **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
Prep Date.....: 04/18/06 **Analysis Date..:** 04/18/06
Prep Batch #...: 6139363
Dilution Factor: 1
% Moisture.....: 9.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1100	ug/kg	53
Acetonitrile	ND	2700	ug/kg	480
Benzene	ND	270	ug/kg	54
Bromodichloromethane	ND	270	ug/kg	32
Bromoform	ND	270	ug/kg	53
Bromomethane	ND	550	ug/kg	68
1-Butanol	**5000 J**	**5500**	**ug/kg**	**1100**
2-Butanone	ND	1100	ug/kg	120
n-Butylbenzene	ND	270	ug/kg	61
Carbon disulfide	ND	270	ug/kg	72
Carbon tetrachloride	ND	270	ug/kg	57
Chlorobenzene	ND	270	ug/kg	35
Dibromochloromethane	ND	270	ug/kg	31
Chloroethane	ND	550	ug/kg	23
Chloroform	ND	270	ug/kg	46
Chloromethane	ND	550	ug/kg	56
Cyclohexanone	ND	5500	ug/kg	830
1,1-Dichloroethane	ND	270	ug/kg	80
1,2-Dichloroethane	ND	270	ug/kg	88
1,1-Dichloroethene	ND	270	ug/kg	64
1,2-Dichloroethene (total)	ND	550	ug/kg	130
1,2-Dichloropropane	ND	270	ug/kg	36
cis-1,3-Dichloropropene	ND	270	ug/kg	15
trans-1,3-Dichloropropene	ND	270	ug/kg	93
Ethylbenzene	ND	270	ug/kg	53
n-Hexane	ND	550	ug/kg	82
2-Hexanone	ND	1100	ug/kg	130
Methylene chloride	ND	270	ug/kg	50
4-Methyl-2-pentanone	ND	1100	ug/kg	54
Styrene	ND	270	ug/kg	33
1,1,2,2-Tetrachloroethane	ND	270	ug/kg	15
Tetrachloroethene	ND	270	ug/kg	57
Toluene	ND	270	ug/kg	41
1,1,1-Trichloroethane	ND	270	ug/kg	46
1,1,2-Trichloroethane	ND	270	ug/kg	59
Trichloroethene	ND	270	ug/kg	41
1,2,4-Trimethylbenzene	ND	270	ug/kg	33

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Fluor Hanford Inc

Client Sample ID: B1HL19

GC/MS Volatiles

Lot-Sample #...: F6D170197-011 **Work Order #...:** H3G261AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	270	ug/kg	150
Xylenes (total)	ND	550	ug/kg	140

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	88	(17 - 150)
Dibromofluoromethane	86	(10 - 150)
1,2-Dichloroethane-d4	89	(19 - 150)
4-Bromofluorobenzene	97	(10 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1HL21

GC/MS Volatiles

Lot-Sample #...: F6D170197-012 **Work Order #...:** H3G271AC **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6136631
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1400**	**1000**	**ug/kg**	**48**
Acetonitrile	**1700 J**	**2500**	**ug/kg**	**440**
Benzene	ND	250	ug/kg	49
Bromodichloromethane	ND	250	ug/kg	29
Bromoform	ND	250	ug/kg	48
Bromomethane	ND	500	ug/kg	62
1-Butanol	ND	5000	ug/kg	1000
2-Butanone	**1300**	**1000**	**ug/kg**	**100**
n-Butylbenzene	ND	250	ug/kg	56
Carbon disulfide	ND	250	ug/kg	65
Carbon tetrachloride	ND	250	ug/kg	52
Chlorobenzene	ND	250	ug/kg	32
Dibromochloromethane	ND	250	ug/kg	28
Chloroethane	ND	500	ug/kg	21
Chloroform	ND	250	ug/kg	42
Chloromethane	ND	500	ug/kg	51
Cyclohexanone	ND	5000	ug/kg	760
1,1-Dichloroethane	ND	250	ug/kg	72
1,2-Dichloroethane	ND	250	ug/kg	80
1,1-Dichloroethene	ND	250	ug/kg	58
1,2-Dichloroethene (total)	ND	500	ug/kg	110
1,2-Dichloropropane	ND	250	ug/kg	33
cis-1,3-Dichloropropene	ND	250	ug/kg	13
trans-1,3-Dichloropropene	ND	250	ug/kg	84
Ethylbenzene	ND	250	ug/kg	48
n-Hexane	ND	500	ug/kg	74
2-Hexanone	ND	1000	ug/kg	120
Methylene chloride	ND	250	ug/kg	46
4-Methyl-2-pentanone	ND	1000	ug/kg	49
Styrene	ND	250	ug/kg	30
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	14
Tetrachloroethene	ND	250	ug/kg	52
Toluene	ND	250	ug/kg	37
1,1,1-Trichloroethane	ND	250	ug/kg	42
1,1,2-Trichloroethane	ND	250	ug/kg	54
Trichloroethene	ND	250	ug/kg	37
1,2,4-Trimethylbenzene	ND	250	ug/kg	30

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Fluor Hanford Inc

Client Sample ID: B1HL21

GC/MS Volatiles

Lot-Sample #...: F6D170197-012 **Work Order #...:** H3G271AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	250	ug/kg	130
Xylenes (total)	ND	500	ug/kg	130

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	109	(17 - 150)
Dibromofluoromethane	100	(10 - 150)
1,2-Dichloroethane-d4	110	(19 - 150)
4-Bromofluorobenzene	102	(10 - 150)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H1RTW1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6C230000-131

Prep Date.....: 03/22/06
Analysis Date..: 03/22/06 **Prep Batch #...:** 6082131
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	10	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	**5.4**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Acetonitrile	ND	50	ug/kg	SW846 8260B
1-Butanol	ND	100	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Hexane	ND	10	ug/kg	SW846 8260B
Cyclohexanone	ND	100	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H1RTW1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(78 - 136)
Dibromofluoromethane	103	(71 - 142)
1,2-Dichloroethane-d4	101	(62 - 147)
4-Bromofluorobenzene	104	(75 - 133)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F6C230000-131 B **Work Order #:** HIRTW1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2H971AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D040000-079

Prep Date.....: 04/03/06
Analysis Date..: 04/03/06 **Prep Batch #...:** 6094079
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	ND	50	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
1-Butanol	ND	100	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Cyclohexanone	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Hexane	ND	10	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2H971AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(78 - 136)
Dibromofluoromethane	84	(71 - 142)
1,2-Dichloroethane-d4	82	(62 - 147)
4-Bromofluorobenzene	105	(75 - 133)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F6D040000-079 B **Work Order #:** H2H971AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
UNKNOWN ORGANIC ACID		8.9	M	14.398	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2LWR1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D050000-071

Prep Date.....: 04/04/06
Analysis Date..: 04/04/06 **Prep Batch #...:** 6095071
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	ND	50	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
1-Butanol	ND	100	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Cyclohexanone	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Hexane	ND	10	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2LWR1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(78 - 136)
Dibromofluoromethane	102	(71 - 142)
1,2-Dichloroethane-d4	93	(62 - 147)
4-Bromofluorobenzene	110	(75 - 133)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2MXP1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D050000-281

Prep Date.....: 04/05/06
Analysis Date..: 04/05/06 **Prep Batch #...:** 6095281
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Acetonitrile	ND	2500	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	500	ug/kg	SW846 8260B
1-Butanol	ND	5000	ug/kg	SW846 8260B
2-Butanone	ND	1000	ug/kg	SW846 8260B
n-Butylbenzene	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	500	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	500	ug/kg	SW846 8260B
Cyclohexanone	ND	5000	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	500	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
n-Hexane	ND	500	ug/kg	SW846 8260B
2-Hexanone	ND	1000	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	1000	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	500	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2MXP1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(17 - 150)
Dibromofluoromethane	107	(10 - 150)
1,2-Dichloroethane-d4	97	(19 - 150)
4-Bromofluorobenzene	109	(10 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F6D050000-281 B **Work Order #:** H2MXP1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None			0	ug/kg

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2RM51AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D070000-055

Prep Date.....: 04/05/06
Analysis Date..: 04/05/06 **Prep Batch #...:** 6097055
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	ND	50	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
1-Butanol	ND	100	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Cyclohexanone	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Hexane	ND	10	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2RM51AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(78 - 136)
Dibromofluoromethane	106	(71 - 142)
1,2-Dichloroethane-d4	93	(62 - 147)
4-Bromofluorobenzene	108	(75 - 133)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F6D070000-055 B **Work Order #:** H2RM51AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None			0	ug/kg

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H3GVN1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D180000-260

Prep Date.....: 04/17/06
Analysis Date..: 04/17/06 **Prep Batch #...:** 6108260
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**3.8 J**	**20**	**ug/kg**	**SW846 8260B**
Acetonitrile	ND	50	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
1-Butanol	ND	100	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Cyclohexanone	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Hexane	ND	10	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H3GVN1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(78 - 136)
Dibromofluoromethane	104	(71 - 142)
1,2-Dichloroethane-d4	105	(62 - 147)
4-Bromofluorobenzene	99	(75 - 133)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F6D180000-250 B **Work Order #:** H3GVN1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H5HV31AA **Matrix.....:** SOLID
MB Lot-Sample #: F6E160000-631

Prep Date.....: 05/16/06
Analysis Date..: 05/16/06 **Prep Batch #...:** 6136631
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Acetonitrile	ND	2500	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	500	ug/kg	SW846 8260B
1-Butanol	ND	5000	ug/kg	SW846 8260B
2-Butanone	ND	1000	ug/kg	SW846 8260B
n-Butylbenzene	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	500	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	500	ug/kg	SW846 8260B
Cyclohexanone	ND	5000	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	500	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
n-Hexane	ND	500	ug/kg	SW846 8260B
2-Hexanone	ND	1000	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	1000	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	500	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H5HV31AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(17 - 150)
Dibromofluoromethane	101	(10 - 150)
1,2-Dichloroethane-d4	103	(19 - 150)
4-Bromofluorobenzene	108	(10 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H5R3H1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6E190000-363

Prep Date.....: 04/18/06
Analysis Date..: 04/18/06 **Prep Batch #...:** 6139363
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**290 J**	**1000**	**ug/kg**	**SW846 8260B**
Acetonitrile	ND	2500	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	500	ug/kg	SW846 8260B
1-Butanol	ND	5000	ug/kg	SW846 8260B
2-Butanone	ND	1000	ug/kg	SW846 8260B
n-Butylbenzene	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	500	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	500	ug/kg	SW846 8260B
Cyclohexanone	ND	5000	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	500	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
n-Hexane	ND	500	ug/kg	SW846 8260B
2-Hexanone	ND	1000	ug/kg	SW846 8260B
Methylene chloride	**130 J**	**250**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	1000	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	**39 J**	**250**	**ug/kg**	**SW846 8260B**
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	500	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H5R3H1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(17 - 150)
Dibromofluoromethane	97	(10 - 150)
1,2-Dichloroethane-d4	99	(19 - 150)
4-Bromofluorobenzene	107	(10 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H1RTW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: F6C230000-131
Prep Date.....: 03/22/06 **Analysis Date..:** 03/22/06
Prep Batch #...: 6082131
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
cis-1,3-Dichloropropene	50.0	49.1	ug/kg	98	SW846 8260B
Dibromochloromethane	50.0	48.2	ug/kg	96	SW846 8260B
Chloromethane	50.0	41.6	ug/kg	83	SW846 8260B
Vinyl chloride	50.0	43.6	ug/kg	87	SW846 8260B
Bromomethane	50.0	39.0	ug/kg	78	SW846 8260B
Chloroethane	50.0	43.0	ug/kg	86	SW846 8260B
Acetone	50.0	48.5	ug/kg	97	SW846 8260B
1,1-Dichloroethene	50.0	47.6	ug/kg	95	SW846 8260B
Methylene chloride	50.0	56.5	ug/kg	113	SW846 8260B
Carbon disulfide	50.0	45.4	ug/kg	91	SW846 8260B
1,1-Dichloroethane	50.0	47.2	ug/kg	94	SW846 8260B
2-Butanone	50.0	48.8	ug/kg	98	SW846 8260B
1,2-Dichloroethene (total)	100	97.7	ug/kg	98	SW846 8260B
Chloroform	50.0	46.9	ug/kg	94	SW846 8260B
1,1,1-Trichloroethane	50.0	46.6	ug/kg	93	SW846 8260B
Carbon tetrachloride	50.0	47.5	ug/kg	95	SW846 8260B
1,2-Dichloroethane	50.0	44.3	ug/kg	89	SW846 8260B
Benzene	50.0	49.8	ug/kg	100	SW846 8260B
Trichloroethene	50.0	47.4	ug/kg	95	SW846 8260B
1,2-Dichloropropane	50.0	47.4	ug/kg	95	SW846 8260B
Bromodichloromethane	50.0	46.7	ug/kg	93	SW846 8260B
1,1,2-Trichloroethane	50.0	46.2	ug/kg	92	SW846 8260B
trans-1,3-Dichloropropene	50.0	48.7	ug/kg	97	SW846 8260B
Toluene	50.0	50.3	ug/kg	101	SW846 8260B
2-Hexanone	50.0	45.4	ug/kg	91	SW846 8260B
4-Methyl-2-pentanone	50.0	49.6	ug/kg	99	SW846 8260B
Chlorobenzene	50.0	47.9	ug/kg	96	SW846 8260B
Bromoform	50.0	51.4	ug/kg	103	SW846 8260B
Ethylbenzene	50.0	49.6	ug/kg	99	SW846 8260B
Styrene	50.0	53.9	ug/kg	108	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	45.5	ug/kg	91	SW846 8260B
Tetrachloroethene	50.0	49.3	ug/kg	99	SW846 8260B
n-Butylbenzene	50.0	51.5	ug/kg	103	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H1RTW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: F6C230000-131

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
n-Hexane	**50.0**	**49.4**	**ug/kg**	**99**	**SW846 8260B**
Cyclohexanone	**500**	**477**	**ug/kg**	**95**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(79 - 128)
Dibromofluoromethane	96	(76 - 130)
1,2-Dichloroethane-d4	91	(72 - 131)
4-Bromofluorobenzene	95	(78 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2H971AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D040000-079 H2H971AD-LCSD
Prep Date.....: 04/03/06 **Analysis Date..:** 04/03/06
Prep Batch #...: 6094079
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,3-Dichloropropene	50.0	50.2	ug/kg	100		SW846 8260B
	50.0	48.2	ug/kg	96	4.1	SW846 8260B
Dibromochloromethane	50.0	34.2 a	ug/kg	68		SW846 8260B
	50.0	48.2 p	ug/kg	96	34	SW846 8260B
Chloromethane	50.0	40.3	ug/kg	81		SW846 8260B
	50.0	40.1	ug/kg	80	0.44	SW846 8260B
Vinyl chloride	50.0	42.8	ug/kg	86		SW846 8260B
	50.0	42.2	ug/kg	84	1.4	SW846 8260B
Bromomethane	50.0	42.7	ug/kg	85		SW846 8260B
	50.0	42.3	ug/kg	85	0.96	SW846 8260B
Chloroethane	50.0	42.5	ug/kg	85		SW846 8260B
	50.0	40.7	ug/kg	81	4.4	SW846 8260B
Acetone	50.0	45.6	ug/kg	91		SW846 8260B
	50.0	45.1	ug/kg	90	1.2	SW846 8260B
1,1-Dichloroethene	50.0	48.0	ug/kg	96		SW846 8260B
	50.0	47.4	ug/kg	95	1.2	SW846 8260B
Methylene chloride	50.0	52.8	ug/kg	106		SW846 8260B
	50.0	52.8	ug/kg	106	0.11	SW846 8260B
Carbon disulfide	50.0	45.8	ug/kg	92		SW846 8260B
	50.0	45.1	ug/kg	90	1.5	SW846 8260B
1,1-Dichloroethane	50.0	48.1	ug/kg	96		SW846 8260B
	50.0	47.2	ug/kg	94	2.0	SW846 8260B
2-Butanone	50.0	45.6	ug/kg	91		SW846 8260B
	50.0	43.6	ug/kg	87	4.6	SW846 8260B
1,2-Dichloroethene (total)	100	97.6	ug/kg	98		SW846 8260B
	100	97.2	ug/kg	97	0.44	SW846 8260B
Chloroform	50.0	47.4	ug/kg	95		SW846 8260B
	50.0	46.4	ug/kg	93	2.0	SW846 8260B
1,1,1-Trichloroethane	50.0	47.1	ug/kg	94		SW846 8260B
	50.0	45.8	ug/kg	92	2.8	SW846 8260B
Carbon tetrachloride	50.0	47.2	ug/kg	94		SW846 8260B
	50.0	45.7	ug/kg	91	3.2	SW846 8260B
1,2-Dichloroethane	50.0	45.3	ug/kg	91		SW846 8260B
	50.0	42.6	ug/kg	85	6.2	SW846 8260B
Benzene	50.0	49.3	ug/kg	99		SW846 8260B
	50.0	47.9	ug/kg	96	2.9	SW846 8260B
Trichloroethene	50.0	46.7	ug/kg	93		SW846 8260B
	50.0	45.8	ug/kg	92	1.8	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2H971AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D040000-079 H2H971AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	50.0	48.3	ug/kg	97		SW846 8260B
	50.0	45.9	ug/kg	92	5.2	SW846 8260B
Bromodichloromethane	50.0	48.0	ug/kg	96		SW846 8260B
	50.0	45.1	ug/kg	90	6.3	SW846 8260B
1,1,2-Trichloroethane	50.0	30.9 a	ug/kg	62		SW846 8260B
	50.0	46.8 p	ug/kg	94	41	SW846 8260B
trans-1,3-Dichloropropene	50.0	31.3 a	ug/kg	63		SW846 8260B
	50.0	46.4 p	ug/kg	93	39	SW846 8260B
Toluene	50.0	33.5 a	ug/kg	67		SW846 8260B
	50.0	32.9 a	ug/kg	66	1.8	SW846 8260B
2-Hexanone	50.0	44.4	ug/kg	89		SW846 8260B
	50.0	42.9	ug/kg	86	3.4	SW846 8260B
4-Methyl-2-pentanone	50.0	49.2	ug/kg	98		SW846 8260B
	50.0	69.6 p	ug/kg	139	34	SW846 8260B
Chlorobenzene	50.0	48.9	ug/kg	98		SW846 8260B
	50.0	47.4	ug/kg	95	3.1	SW846 8260B
Bromoform	50.0	52.4	ug/kg	105		SW846 8260B
	50.0	51.7	ug/kg	103	1.5	SW846 8260B
Ethylbenzene	50.0	48.6	ug/kg	97		SW846 8260B
	50.0	47.3	ug/kg	95	2.7	SW846 8260B
Styrene	50.0	53.9	ug/kg	108		SW846 8260B
	50.0	51.7	ug/kg	103	4.1	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	51.7	ug/kg	103		SW846 8260B
	50.0	50.6	ug/kg	101	2.0	SW846 8260B
Tetrachloroethene	50.0	31.7 a	ug/kg	63		SW846 8260B
	50.0	49.0 p	ug/kg	98	43	SW846 8260B
n-Butylbenzene	50.0	49.4	ug/kg	99		SW846 8260B
	50.0	48.2	ug/kg	96	2.3	SW846 8260B
Cyclohexanone	500	400	ug/kg	80		SW846 8260B
	500	400	ug/kg	80	0.050	SW846 8260B
n-Hexane	50.0	48.2	ug/kg	96		SW846 8260B
	50.0	47.0	ug/kg	94	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	66 *	(79 - 128)
	66 *	(79 - 128)
Dibromofluoromethane	100	(76 - 130)
	98	(76 - 130)
1,2-Dichloroethane-d4	89	(72 - 131)
	86	(72 - 131)
4-Bromofluorobenzene	100	(78 - 126)
	99	(78 - 126)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2H971AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D040000-079 H2H971AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 Work Order #...: H2LWR1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: F6D050000-071 H2LWR1AD-LCSD
Prep Date.....: 04/04/06 Analysis Date..: 04/04/06
Prep Batch #...: 6095071
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,3-Dichloropropene	50.0	50.7	ug/kg	101		SW846 8260B
	50.0	52.7	ug/kg	105	3.8	SW846 8260B
Dibromochloromethane	50.0	49.4	ug/kg	99		SW846 8260B
	50.0	51.8	ug/kg	104	4.7	SW846 8260B
Chloromethane	50.0	40.4	ug/kg	81		SW846 8260B
	50.0	42.6	ug/kg	85	5.3	SW846 8260B
Vinyl chloride	50.0	43.9	ug/kg	88		SW846 8260B
	50.0	45.3	ug/kg	91	3.0	SW846 8260B
Bromomethane	50.0	40.7	ug/kg	81		SW846 8260B
	50.0	47.5	ug/kg	95	15	SW846 8260B
Chloroethane	50.0	43.4	ug/kg	87		SW846 8260B
	50.0	47.2	ug/kg	94	8.5	SW846 8260B
Acetone	50.0	42.4	ug/kg	85		SW846 8260B
	50.0	47.5	ug/kg	95	11	SW846 8260B
1,1-Dichloroethene	50.0	52.0	ug/kg	104		SW846 8260B
	50.0	52.2	ug/kg	104	0.32	SW846 8260B
Methylene chloride	50.0	55.1	ug/kg	110		SW846 8260B
	50.0	56.6	ug/kg	113	2.7	SW846 8260B
Carbon disulfide	50.0	49.0	ug/kg	98		SW846 8260B
	50.0	48.8	ug/kg	98	0.26	SW846 8260B
1,1-Dichloroethane	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	51.5	ug/kg	103	3.4	SW846 8260B
2-Butanone	50.0	44.9	ug/kg	90		SW846 8260B
	50.0	49.8	ug/kg	100	10	SW846 8260B
1,2-Dichloroethene (total)	100	106	ug/kg	106		SW846 8260B
	100	104	ug/kg	104	1.7	SW846 8260B
Chloroform	50.0	48.2	ug/kg	96		SW846 8260B
	50.0	51.0	ug/kg	102	5.6	SW846 8260B
1,1,1-Trichloroethane	50.0	50.0	ug/kg	100		SW846 8260B
	50.0	51.6	ug/kg	103	3.2	SW846 8260B
Carbon tetrachloride	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	51.9	ug/kg	104	4.0	SW846 8260B
1,2-Dichloroethane	50.0	42.7	ug/kg	85		SW846 8260B
	50.0	49.3	ug/kg	99	14	SW846 8260B
Benzene	50.0	51.5	ug/kg	103		SW846 8260B
	50.0	51.2	ug/kg	102	0.56	SW846 8260B
Trichloroethene	50.0	50.2	ug/kg	100		SW846 8260B
	50.0	50.1	ug/kg	100	0.14	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2LWR1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D050000-071 H2LWR1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	50.0	48.6	ug/kg	97		SW846 8260B
	50.0	49.8	ug/kg	100	2.5	SW846 8260B
Bromodichloromethane	50.0	47.5	ug/kg	95		SW846 8260B
	50.0	51.1	ug/kg	102	7.3	SW846 8260B
1,1,2-Trichloroethane	50.0	47.8	ug/kg	96		SW846 8260B
	50.0	50.2	ug/kg	100	5.0	SW846 8260B
trans-1,3-Dichloropropene	50.0	48.3	ug/kg	97		SW846 8260B
	50.0	51.1	ug/kg	102	5.6	SW846 8260B
Toluene	50.0	80.2 a	ug/kg	160		SW846 8260B
	50.0	52.7 p	ug/kg	105	41	SW846 8260B
2-Hexanone	50.0	43.7	ug/kg	87		SW846 8260B
	50.0	47.7	ug/kg	95	8.7	SW846 8260B
4-Methyl-2-pentanone	50.0	30.3 a	ug/kg	61		SW846 8260B
	50.0	52.0 p	ug/kg	104	53	SW846 8260B
Chlorobenzene	50.0	51.3	ug/kg	103		SW846 8260B
	50.0	51.0	ug/kg	102	0.70	SW846 8260B
Bromoform	50.0	53.6	ug/kg	107		SW846 8260B
	50.0	54.5	ug/kg	109	1.7	SW846 8260B
Ethylbenzene	50.0	51.1	ug/kg	102		SW846 8260B
	50.0	51.2	ug/kg	102	0.27	SW846 8260B
Styrene	50.0	55.9	ug/kg	112		SW846 8260B
	50.0	56.2	ug/kg	112	0.42	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	52.8	ug/kg	106		SW846 8260B
	50.0	54.6	ug/kg	109	3.4	SW846 8260B
Tetrachloroethene	50.0	53.6	ug/kg	107		SW846 8260B
	50.0	50.9	ug/kg	102	5.1	SW846 8260B
n-Butylbenzene	50.0	52.9	ug/kg	106		SW846 8260B
	50.0	36.0 p	ug/kg	72	38	SW846 8260B
Cyclohexanone	500	360	ug/kg	72		SW846 8260B
	500	425	ug/kg	85	17	SW846 8260B
n-Hexane	50.0	52.8	ug/kg	106		SW846 8260B
	50.0	49.9	ug/kg	100	5.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	156 *	(79 - 128)
	107	(79 - 128)
Dibromofluoromethane	102	(76 - 130)
	106	(76 - 130)
1,2-Dichloroethane-d4	87	(72 - 131)
	97	(72 - 131)
4-Bromofluorobenzene	102	(78 - 126)
	106	(78 - 126)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2LWR1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D050000-071 H2LWR1AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2MXP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: F6D050000-281
Prep Date.....: 04/05/06 **Analysis Date..:** 04/05/06
Prep Batch #...: 6095281
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
cis-1,3-Dichloropropene	2500	2590	ug/kg	104	SW846 8260B
Dibromochloromethane	2500	2460	ug/kg	98	SW846 8260B
Chloromethane	2500	2480	ug/kg	99	SW846 8260B
Vinyl chloride	2500	2390	ug/kg	96	SW846 8260B
Bromomethane	2500	1940	ug/kg	78	SW846 8260B
Chloroethane	2500	1070 a	ug/kg	43	SW846 8260B
Acetone	2500	3740	ug/kg	150	SW846 8260B
1,1-Dichloroethene	2500	2810	ug/kg	112	SW846 8260B
Methylene chloride	2500	2740	ug/kg	110	SW846 8260B
Carbon disulfide	2500	2640	ug/kg	105	SW846 8260B
1,1-Dichloroethane	2500	2520	ug/kg	101	SW846 8260B
2-Butanone	2500	3600	ug/kg	144	SW846 8260B
1,2-Dichloroethene (total)	5000	5200	ug/kg	104	SW846 8260B
Chloroform	2500	2440	ug/kg	98	SW846 8260B
1,1,1-Trichloroethane	2500	2470	ug/kg	99	SW846 8260B
Carbon tetrachloride	2500	2440	ug/kg	97	SW846 8260B
1,2-Dichloroethane	2500	2320	ug/kg	93	SW846 8260B
Benzene	2500	2580	ug/kg	103	SW846 8260B
Trichloroethene	2500	2470	ug/kg	99	SW846 8260B
1,2-Dichloropropane	2500	2520	ug/kg	101	SW846 8260B
1,1,2-Trichloroethane	2500	2400	ug/kg	96	SW846 8260B
trans-1,3-Dichloropropene	2500	2470	ug/kg	99	SW846 8260B
Toluene	2500	2650	ug/kg	106	SW846 8260B
2-Hexanone	2500	2240	ug/kg	89	SW846 8260B
4-Methyl-2-pentanone	2500	2450	ug/kg	98	SW846 8260B
Chlorobenzene	2500	2500	ug/kg	100	SW846 8260B
Tetrachloroethene	2500	2480	ug/kg	99	SW846 8260B
Ethylbenzene	2500	2550	ug/kg	102	SW846 8260B
Xylenes (total)	7500	7940	ug/kg	106	SW846 8260B
Styrene	2500	2770	ug/kg	111	SW846 8260B
Bromoform	2500	2590	ug/kg	103	SW846 8260B
1,1,2,2-Tetrachloroethane	2500	2560	ug/kg	102	SW846 8260B
Bromodichloromethane	2500	2450	ug/kg	98	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2MXP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: F6D050000-281

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(76 - 126)
Dibromofluoromethane	103	(81 - 119)
1,2-Dichloroethane-d4	94	(77 - 120)
4-Bromofluorobenzene	104	(76 - 131)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 Work Order #...: H2RM51AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: F6D070000-055 H2RM51AD-LCSD
Prep Date.....: 04/05/06 Analysis Date..: 04/05/06
Prep Batch #...: 6097055
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,3-Dichloropropene	50.0	51.0	ug/kg	102		SW846 8260B
	50.0	50.7	ug/kg	101	0.59	SW846 8260B
Dibromochloromethane	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	49.1	ug/kg	98	1.4	SW846 8260B
Chloromethane	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	48.7	ug/kg	97	2.2	SW846 8260B
Vinyl chloride	50.0	48.1	ug/kg	96		SW846 8260B
	50.0	49.0	ug/kg	98	1.8	SW846 8260B
Bromomethane	50.0	47.6	ug/kg	95		SW846 8260B
	50.0	46.1	ug/kg	92	3.1	SW846 8260B
Chloroethane	50.0	47.2	ug/kg	94		SW846 8260B
	50.0	46.2	ug/kg	92	1.9	SW846 8260B
Acetone	50.0	46.7	ug/kg	93		SW846 8260B
	50.0	40.4	ug/kg	81	14	SW846 8260B
1,1-Dichloroethene	50.0	52.1	ug/kg	104		SW846 8260B
	50.0	51.5	ug/kg	103	1.1	SW846 8260B
Methylene chloride	50.0	58.5	ug/kg	117		SW846 8260B
	50.0	58.0	ug/kg	116	0.75	SW846 8260B
Carbon disulfide	50.0	50.5	ug/kg	101		SW846 8260B
	50.0	50.2	ug/kg	100	0.55	SW846 8260B
1,1-Dichloroethane	50.0	50.2	ug/kg	100		SW846 8260B
	50.0	50.2	ug/kg	100	0.020	SW846 8260B
2-Butanone	50.0	44.6	ug/kg	89		SW846 8260B
	50.0	42.3	ug/kg	85	5.2	SW846 8260B
1,2-Dichloroethene (total)	100	106	ug/kg	106		SW846 8260B
	100	105	ug/kg	105	1.1	SW846 8260B
Chloroform	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	49.6	ug/kg	99	0.28	SW846 8260B
1,1,1-Trichloroethane	50.0	49.5	ug/kg	99		SW846 8260B
	50.0	49.3	ug/kg	99	0.38	SW846 8260B
Carbon tetrachloride	50.0	48.2	ug/kg	96		SW846 8260B
	50.0	48.6	ug/kg	97	0.82	SW846 8260B
1,2-Dichloroethane	50.0	46.4	ug/kg	93		SW846 8260B
	50.0	44.3	ug/kg	89	4.8	SW846 8260B
Benzene	50.0	51.2	ug/kg	102		SW846 8260B
	50.0	51.3	ug/kg	103	0.090	SW846 8260B
Trichloroethene	50.0	48.3	ug/kg	97		SW846 8260B
	50.0	48.2	ug/kg	96	0.16	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2RM51AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D070000-055 H2RM51AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	50.0	49.4	ug/kg	99		SW846 8260B
	50.0	50.1	ug/kg	100	1.5	SW846 8260B
Bromodichloromethane	50.0	49.0	ug/kg	98		SW846 8260B
	50.0	48.7	ug/kg	97	0.63	SW846 8260B
1,1,2-Trichloroethane	50.0	49.4	ug/kg	99		SW846 8260B
	50.0	47.4	ug/kg	95	4.3	SW846 8260B
trans-1,3-Dichloropropene	50.0	48.8	ug/kg	98		SW846 8260B
	50.0	48.4	ug/kg	97	0.84	SW846 8260B
Toluene	50.0	51.3	ug/kg	103		SW846 8260B
	50.0	52.9	ug/kg	106	3.1	SW846 8260B
2-Hexanone	50.0	44.6	ug/kg	89		SW846 8260B
	50.0	41.5	ug/kg	83	7.1	SW846 8260B
4-Methyl-2-pentanone	50.0	48.8	ug/kg	98		SW846 8260B
	50.0	45.3	ug/kg	91	7.4	SW846 8260B
Chlorobenzene	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	50.5	ug/kg	101	1.4	SW846 8260B
Bromoform	50.0	52.2	ug/kg	104		SW846 8260B
	50.0	51.4	ug/kg	103	1.5	SW846 8260B
Ethylbenzene	50.0	50.1	ug/kg	100		SW846 8260B
	50.0	50.4	ug/kg	101	0.73	SW846 8260B
Styrene	50.0	55.7	ug/kg	111		SW846 8260B
	50.0	56.5	ug/kg	113	1.4	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	51.9	ug/kg	104		SW846 8260B
	50.0	50.6	ug/kg	101	2.5	SW846 8260B
Tetrachloroethene	50.0	49.6	ug/kg	99		SW846 8260B
	50.0	50.7	ug/kg	101	2.2	SW846 8260B
n-Butylbenzene	50.0	49.3	ug/kg	99		SW846 8260B
	50.0	49.6	ug/kg	99	0.72	SW846 8260B
Cyclohexanone	500	371	ug/kg	74		SW846 8260B
	500	351	ug/kg	70	5.6	SW846 8260B
n-Hexane	50.0	51.6	ug/kg	103		SW846 8260B
	50.0	50.8	ug/kg	102	1.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(79 - 128)
	105	(79 - 128)
Dibromofluoromethane	104	(76 - 130)
	104	(76 - 130)
1,2-Dichloroethane-d4	92	(72 - 131)
	90	(72 - 131)
4-Bromofluorobenzene	100	(78 - 126)
	102	(78 - 126)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2RM51AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D070000-055 H2RM51AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 Work Order #...: H3GVN1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: F6D180000-260 H3GVN1AD-LCSD
Prep Date.....: 04/17/06 Analysis Date..: 04/17/06
Prep Batch #...: 6108260
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,3-Dichloropropene	50.0	48.1	ug/kg	96		SW846 8260B
	50.0	49.5	ug/kg	99	2.8	SW846 8260B
Dibromochloromethane	50.0	52.4	ug/kg	105		SW846 8260B
	50.0	51.8	ug/kg	104	1.2	SW846 8260B
Chloromethane	50.0	45.7	ug/kg	91		SW846 8260B
	50.0	46.6	ug/kg	93	1.9	SW846 8260B
Vinyl chloride	50.0	46.3	ug/kg	93		SW846 8260B
	50.0	47.9	ug/kg	96	3.4	SW846 8260B
Bromomethane	50.0	34.8	ug/kg	70		SW846 8260B
	50.0	38.3	ug/kg	77	9.5	SW846 8260B
Chloroethane	50.0	49.0	ug/kg	98		SW846 8260B
	50.0	52.2	ug/kg	104	6.3	SW846 8260B
Acetone	50.0	29.4	ug/kg	59		SW846 8260B
	50.0	31.9	ug/kg	64	8.2	SW846 8260B
1,1-Dichloroethene	50.0	44.8	ug/kg	90		SW846 8260B
	50.0	46.6	ug/kg	93	3.9	SW846 8260B
Methylene chloride	50.0	37.3	ug/kg	75		SW846 8260B
	50.0	37.1	ug/kg	74	0.40	SW846 8260B
Carbon disulfide	50.0	55.4	ug/kg	111		SW846 8260B
	50.0	58.4	ug/kg	117	5.3	SW846 8260B
1,1-Dichloroethane	50.0	48.0	ug/kg	96		SW846 8260B
	50.0	48.8	ug/kg	98	1.7	SW846 8260B
2-Butanone	50.0	46.8	ug/kg	94		SW846 8260B
	50.0	43.8	ug/kg	88	6.6	SW846 8260B
1,2-Dichloroethene (total)	100	97.2	ug/kg	97		SW846 8260B
	100	96.7	ug/kg	97	0.49	SW846 8260B
Chloroform	50.0	47.7	ug/kg	95		SW846 8260B
	50.0	48.4	ug/kg	97	1.5	SW846 8260B
1,1,1-Trichloroethane	50.0	47.0	ug/kg	94		SW846 8260B
	50.0	48.5	ug/kg	97	3.2	SW846 8260B
Carbon tetrachloride	50.0	47.8	ug/kg	96		SW846 8260B
	50.0	49.9	ug/kg	100	4.3	SW846 8260B
1,2-Dichloroethane	50.0	46.8	ug/kg	94		SW846 8260B
	50.0	46.0	ug/kg	92	1.8	SW846 8260B
Benzene	50.0	47.8	ug/kg	96		SW846 8260B
	50.0	47.8	ug/kg	96	0.10	SW846 8260B
Trichloroethene	50.0	45.2	ug/kg	90		SW846 8260B
	50.0	46.6	ug/kg	93	3.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H3GVN1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D180000-260 H3GVN1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	50.0	46.5	ug/kg	93		SW846 8260B
	50.0	47.4	ug/kg	95	2.0	SW846 8260B
Bromodichloromethane	50.0	50.0	ug/kg	100		SW846 8260B
	50.0	51.0	ug/kg	102	2.2	SW846 8260B
1,1,2-Trichloroethane	50.0	46.5	ug/kg	93		SW846 8260B
	50.0	44.8	ug/kg	90	3.8	SW846 8260B
trans-1,3-Dichloropropene	50.0	48.2	ug/kg	96		SW846 8260B
	50.0	47.2	ug/kg	94	2.1	SW846 8260B
Toluene	50.0	46.0	ug/kg	92		SW846 8260B
	50.0	46.5	ug/kg	93	1.2	SW846 8260B
2-Hexanone	50.0	52.7	ug/kg	105		SW846 8260B
	50.0	48.5	ug/kg	97	8.2	SW846 8260B
4-Methyl-2-pentanone	50.0	52.5	ug/kg	105		SW846 8260B
	50.0	47.4	ug/kg	95	10	SW846 8260B
Chlorobenzene	50.0	45.1	ug/kg	90		SW846 8260B
	50.0	45.6	ug/kg	91	1.1	SW846 8260B
Bromoform	50.0	54.1	ug/kg	108		SW846 8260B
	50.0	51.1	ug/kg	102	5.8	SW846 8260B
Ethylbenzene	50.0	46.7	ug/kg	93		SW846 8260B
	50.0	48.5	ug/kg	97	3.8	SW846 8260B
Styrene	50.0	48.9	ug/kg	98		SW846 8260B
	50.0	50.3	ug/kg	101	2.8	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	48.7	ug/kg	97		SW846 8260B
	50.0	43.4	ug/kg	87	11	SW846 8260B
Tetrachloroethene	50.0	46.2	ug/kg	92		SW846 8260B
	50.0	49.7	ug/kg	99	7.3	SW846 8260B
n-Butylbenzene	50.0	48.4	ug/kg	97		SW846 8260B
	50.0	50.8	ug/kg	102	4.7	SW846 8260B
Cyclohexanone	500	452	ug/kg	90		SW846 8260B
	500	409	ug/kg	82	10	SW846 8260B
n-Hexane	50.0	49.0	ug/kg	98		SW846 8260B
	50.0	48.8	ug/kg	98	0.24	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(79 - 128)
	102	(79 - 128)
Dibromofluoromethane	100	(76 - 130)
	101	(76 - 130)
1,2-Dichloroethane-d4	101	(72 - 131)
	100	(72 - 131)
4-Bromofluorobenzene	105	(78 - 126)
	99	(78 - 126)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H3GVN1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D180000-260 H3GVN1AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H5HV31AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6E160000-631 H5HV31AD-LCSD
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6136631
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	2500	2040	ug/kg	82		SW846 8260B
	2500	2090	ug/kg	83	2.1	SW846 8260B
Benzene	2500	2440	ug/kg	97		SW846 8260B
	2500	2460	ug/kg	98	0.77	SW846 8260B
Bromodichloromethane	2500	2620	ug/kg	105		SW846 8260B
	2500	2690	ug/kg	108	2.4	SW846 8260B
Bromoform	2500	2410	ug/kg	96		SW846 8260B
	2500	2550	ug/kg	102	5.5	SW846 8260B
Bromomethane	2500	1950	ug/kg	78		SW846 8260B
	2500	2360	ug/kg	94	19	SW846 8260B
2-Butanone	2500	2240	ug/kg	90		SW846 8260B
	2500	2490	ug/kg	99	10	SW846 8260B
Carbon disulfide	2500	2850	ug/kg	114		SW846 8260B
	2500	2820	ug/kg	113	1.3	SW846 8260B
Carbon tetrachloride	2500	2650	ug/kg	106		SW846 8260B
	2500	2660	ug/kg	106	0.41	SW846 8260B
Chlorobenzene	2500	2530	ug/kg	101		SW846 8260B
	2500	2560	ug/kg	102	1.1	SW846 8260B
Dibromochloromethane	2500	2700	ug/kg	108		SW846 8260B
	2500	2790	ug/kg	111	3.2	SW846 8260B
Chloroethane	2500	2150	ug/kg	86		SW846 8260B
	2500	2820 p	ug/kg	113	27	SW846 8260B
Chloroform	2500	2490	ug/kg	100		SW846 8260B
	2500	2560	ug/kg	102	2.6	SW846 8260B
Chloromethane	2500	2730	ug/kg	109		SW846 8260B
	2500	2760	ug/kg	110	0.94	SW846 8260B
1,1-Dichloroethane	2500	2490	ug/kg	100		SW846 8260B
	2500	2510	ug/kg	100	0.84	SW846 8260B
1,2-Dichloroethane	2500	2450	ug/kg	98		SW846 8260B
	2500	2570	ug/kg	103	5.0	SW846 8260B
1,1-Dichloroethene	2500	2540	ug/kg	102		SW846 8260B
	2500	2500	ug/kg	100	1.7	SW846 8260B
1,2-Dichloroethene (total)	5000	5170	ug/kg	103		SW846 8260B
	5000	5200	ug/kg	104	0.69	SW846 8260B
1,2-Dichloropropane	2500	2470	ug/kg	99		SW846 8260B
	2500	2520	ug/kg	101	1.9	SW846 8260B
cis-1,3-Dichloropropene	2500	2660	ug/kg	107		SW846 8260B
	2500	2750	ug/kg	110	3.3	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H5HV31AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6E160000-631 H5HV31AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
trans-1,3-Dichloropropene	2500	2720	ug/kg	109		SW846 8260B
	2500	2860	ug/kg	114	5.2	SW846 8260B
Ethylbenzene	2500	2570	ug/kg	103		SW846 8260B
	2500	2580	ug/kg	103	0.50	SW846 8260B
2-Hexanone	2500	2210	ug/kg	88		SW846 8260B
	2500	2460	ug/kg	98	11	SW846 8260B
Methylene chloride	2500	2680	ug/kg	107		SW846 8260B
	2500	2750	ug/kg	110	2.5	SW846 8260B
4-Methyl-2-pentanone	2500	2530	ug/kg	101		SW846 8260B
	2500	2790	ug/kg	112	9.7	SW846 8260B
Styrene	2500	2530	ug/kg	101		SW846 8260B
	2500	2570	ug/kg	103	1.5	SW846 8260B
1,1,2,2-Tetrachloroethane	2500	2370	ug/kg	95		SW846 8260B
	2500	2520	ug/kg	101	6.2	SW846 8260B
Tetrachloroethene	2500	2470	ug/kg	99		SW846 8260B
	2500	2500	ug/kg	100	1.4	SW846 8260B
Toluene	2500	2690	ug/kg	108		SW846 8260B
	2500	2700	ug/kg	108	0.51	SW846 8260B
1,1,1-Trichloroethane	2500	2640	ug/kg	106		SW846 8260B
	2500	2630	ug/kg	105	0.41	SW846 8260B
1,1,2-Trichloroethane	2500	2360	ug/kg	94		SW846 8260B
	2500	2470	ug/kg	99	4.5	SW846 8260B
Trichloroethene	2500	2460	ug/kg	98		SW846 8260B
	2500	2480	ug/kg	99	0.68	SW846 8260B
Vinyl chloride	2500	2770	ug/kg	111		SW846 8260B
	2500	2780	ug/kg	111	0.14	SW846 8260B
Xylenes (total)	7500	8750	ug/kg	117		SW846 8260B
	7500	8800	ug/kg	117	0.59	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(76 - 126)
	111	(76 - 126)
Dibromofluoromethane	101	(81 - 119)
	105	(81 - 119)
1,2-Dichloroethane-d4	99	(77 - 120)
	106	(77 - 120)
4-Bromofluorobenzene	101	(76 - 131)
	108	(76 - 131)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 Work Order #...: H5R3H1AC Matrix.....: SOLID
LCS Lot-Sample#: F6E190000-363
Prep Date.....: 04/18/06 Analysis Date..: 04/18/06
Prep Batch #...: 6139363
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	2500	1690	ug/kg	67	SW846 8260B
Benzene	2500	2360	ug/kg	94	SW846 8260B
Bromodichloromethane	2500	2470	ug/kg	99	SW846 8260B
Bromoform	2500	2640	ug/kg	106	SW846 8260B
Bromomethane	2500	1030	ug/kg	41	SW846 8260B
2-Butanone	2500	2560	ug/kg	103	SW846 8260B
Carbon disulfide	2500	2700	ug/kg	108	SW846 8260B
Carbon tetrachloride	2500	2340	ug/kg	93	SW846 8260B
Chlorobenzene	2500	2240	ug/kg	90	SW846 8260B
Dibromochloromethane	2500	2580	ug/kg	103	SW846 8260B
Chloroethane	2500	289 a	ug/kg	12	SW846 8260B
Chloroform	2500	2360	ug/kg	94	SW846 8260B
Chloromethane	2500	2100	ug/kg	84	SW846 8260B
1,1-Dichloroethane	2500	2340	ug/kg	94	SW846 8260B
1,2-Dichloroethane	2500	2370	ug/kg	95	SW846 8260B
1,1-Dichloroethene	2500	2180	ug/kg	87	SW846 8260B
1,2-Dichloroethene (total)	5000	4680	ug/kg	94	SW846 8260B
1,2-Dichloropropane	2500	2240	ug/kg	89	SW846 8260B
cis-1,3-Dichloropropene	2500	2500	ug/kg	100	SW846 8260B
trans-1,3-Dichloropropene	2500	2500	ug/kg	100	SW846 8260B
Ethylbenzene	2500	2340	ug/kg	94	SW846 8260B
2-Hexanone	2500	2840	ug/kg	113	SW846 8260B
Methylene chloride	2500	1770	ug/kg	71	SW846 8260B
4-Methyl-2-pentanone	2500	2710	ug/kg	108	SW846 8260B
Styrene	2500	2450	ug/kg	98	SW846 8260B
1,1,2,2-Tetrachloroethane	2500	2400	ug/kg	96	SW846 8260B
Tetrachloroethene	2500	2430	ug/kg	97	SW846 8260B
Toluene	2500	2250	ug/kg	90	SW846 8260B
1,1,1-Trichloroethane	2500	2320	ug/kg	93	SW846 8260B
1,1,2-Trichloroethane	2500	2360	ug/kg	94	SW846 8260B
Trichloroethene	2500	2220	ug/kg	89	SW846 8260B
Vinyl chloride	2500	2390	ug/kg	95	SW846 8260B
Xylenes (total)	7500	7040	ug/kg	94	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H5R3H1AC **Matrix.....:** SOLID
LCS Lot-Sample#: P6E190000-363

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 126)
Dibromofluoromethane	93	(81 - 119)
1,2-Dichloroethane-d4	98	(77 - 120)
4-Bromofluorobenzene	99	(76 - 131)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 Work Order #...: H3G1K1AD-MS Matrix.....: SOLID
MS Lot-Sample #: F6D170197-008 H3G1K1AE-MSD
Date Sampled...: 04/04/06 Date Received..: 04/15/06
Prep Date.....: 04/18/06 Analysis Date..: 04/18/06
Prep Batch #...: 6139363
Dilution Factor: 1 % Moisture.....: 9.6

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	300	2820	2010	ug/kg	61		SW846 8260B
	300	2820	2050	ug/kg	62	2.2	SW846 8260B
Benzene	ND	2820	2750	ug/kg	97		SW846 8260B
	ND	2820	2730	ug/kg	97	0.52	SW846 8260B
Bromodichloromethane	ND	2820	2850	ug/kg	101		SW846 8260B
	ND	2820	2810	ug/kg	99	1.4	SW846 8260B
Bromoform	ND	2820	3150	ug/kg	112		SW846 8260B
	ND	2820	3060	ug/kg	109	2.8	SW846 8260B
Bromomethane	ND	2820	1330	ug/kg	47		SW846 8260B
	ND	2820	1260	ug/kg	45	4.7	SW846 8260B
2-Butanone	130	2820	2770	ug/kg	93		SW846 8260B
	130	2820	2960	ug/kg	100	6.6	SW846 8260B
Carbon disulfide	ND	2820	3220	ug/kg	114		SW846 8260B
	ND	2820	3230	ug/kg	114	0.17	SW846 8260B
Carbon tetrachloride	ND	2820	2750	ug/kg	97		SW846 8260B
	ND	2820	2740	ug/kg	97	0.32	SW846 8260B
Chlorobenzene	ND	2820	2580	ug/kg	91		SW846 8260B
	ND	2820	2590	ug/kg	92	0.25	SW846 8260B
Dibromochloromethane	ND	2820	2850	ug/kg	101		SW846 8260B
	ND	2820	2970	ug/kg	105	4.1	SW846 8260B
Chloroethane	ND	2820	333	ug/kg	12 a		SW846 8260B
	ND	2820	292	ug/kg	10 a	13	SW846 8260B
Chloroform	ND	2820	2710	ug/kg	96		SW846 8260B
	ND	2820	2700	ug/kg	96	0.36	SW846 8260B
Chloromethane	ND	2820	2590	ug/kg	92		SW846 8260B
	ND	2820	2550	ug/kg	90	1.5	SW846 8260B
1,1-Dichloroethane	ND	2820	2790	ug/kg	99		SW846 8260B
	ND	2820	2760	ug/kg	98	0.95	SW846 8260B
1,2-Dichloroethane	ND	2820	2680	ug/kg	95		SW846 8260B
	ND	2820	2630	ug/kg	93	2.0	SW846 8260B
1,1-Dichloroethene	ND	2820	2540	ug/kg	90		SW846 8260B
	ND	2820	2550	ug/kg	91	0.39	SW846 8260B
1,2-Dichloroethene (total)	ND	5640	5570	ug/kg	99		SW846 8260B
	ND	5640	5500	ug/kg	97	1.2	SW846 8260B
1,2-Dichloropropane	ND	2820	2700	ug/kg	96		SW846 8260B
	ND	2820	2670	ug/kg	95	1.4	SW846 8260B
cis-1,3-Dichloropropene	ND	2820	2840	ug/kg	100		SW846 8260B
	ND	2820	2820	ug/kg	100	0.39	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H3G1K1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: F6D170197-008 H3G1K1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
trans-1,3-Dichloropropene	ND	2820	2760	ug/kg	98		SW846 8260B
	ND	2820	2830	ug/kg	100	2.5	SW846 8260B
Ethylbenzene	ND	2820	2700	ug/kg	96		SW846 8260B
	ND	2820	2710	ug/kg	96	0.49	SW846 8260B
2-Hexanone	ND	2820	2970	ug/kg	105		SW846 8260B
	ND	2820	3130	ug/kg	111	5.2	SW846 8260B
Methylene chloride	140	2820	2270	ug/kg	76		SW846 8260B
	140	2820	2160	ug/kg	72	5.2	SW846 8260B
4-Methyl-2-pentanone	ND	2820	2860	ug/kg	101		SW846 8260B
	ND	2820	3130	ug/kg	111	9.0	SW846 8260B
Styrene	ND	2820	2810	ug/kg	99		SW846 8260B
	ND	2820	2830	ug/kg	100	0.94	SW846 8260B
1,1,2,2-Tetrachloroethane	24	2820	2780	ug/kg	98		SW846 8260B
	24	2820	2830	ug/kg	100	1.9	SW846 8260B
Tetrachloroethene	ND	2820	2730	ug/kg	97		SW846 8260B
	ND	2820	2760	ug/kg	98	1.0	SW846 8260B
Toluene	ND	2820	2630	ug/kg	93		SW846 8260B
	ND	2820	2700	ug/kg	96	2.7	SW846 8260B
1,1,1-Trichloroethane	ND	2820	2720	ug/kg	96		SW846 8260B
	ND	2820	2720	ug/kg	97	0.20	SW846 8260B
1,1,2-Trichloroethane	ND	2820	2610	ug/kg	93		SW846 8260B
	ND	2820	2730	ug/kg	97	4.5	SW846 8260B
Trichloroethene	ND	2820	2600	ug/kg	92		SW846 8260B
	ND	2820	2560	ug/kg	91	1.7	SW846 8260B
Vinyl chloride	ND	2820	2850	ug/kg	101		SW846 8260B
	ND	2820	2910	ug/kg	103	2.2	SW846 8260B
Xylenes (total)	ND	8470	8180	ug/kg	97		SW846 8260B
	ND	8470	8150	ug/kg	96	0.36	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	78	(17 - 150)
	79	(17 - 150)
Dibromofluoromethane	73	(10 - 150)
	74	(10 - 150)
1,2-Dichloroethane-d4	78	(19 - 150)
	77	(19 - 150)
4-Bromofluorobenzene	89	(10 - 150)
	88	(10 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 Work Order #...: H1QXA1AC-MS Matrix.....: SOLID
MS Lot-Sample #: F6C220275-002 H1QXA1AD-MSD
Date Sampled...: 03/13/06 Date Received..: 03/22/06
Prep Date.....: 03/22/06 Analysis Date..: 03/22/06
Prep Batch #...: 6082131
Dilution Factor: 1 % Moisture.....: 4.5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,3-Dichloropropene	ND	58.2	56.1	ug/kg	97		SW846 8260B
	ND	59.5	59.0	ug/kg	99	4.9	SW846 8260B
Chloromethane	ND	58.2	50.8	ug/kg	87		SW846 8260B
	ND	59.5	58.2	ug/kg	98	14	SW846 8260B
Vinyl chloride	ND	58.2	53.9	ug/kg	93		SW846 8260B
	ND	59.5	63.8	ug/kg	107	17	SW846 8260B
Bromomethane	ND	58.2	50.6	ug/kg	87		SW846 8260B
	ND	59.5	56.4	ug/kg	95	11	SW846 8260B
Chloroethane	ND	58.2	52.7	ug/kg	91		SW846 8260B
	ND	59.5	60.0	ug/kg	101	13	SW846 8260B
Acetone	ND	58.2	47.5	ug/kg	82		SW846 8260B
	ND	59.5	65.1	ug/kg	109 p	31	SW846 8260B
1,1-Dichloroethene	ND	58.2	56.9	ug/kg	98		SW846 8260B
	ND	59.5	64.6	ug/kg	109	13	SW846 8260B
Methylene chloride	ND	58.2	58.0	ug/kg	100		SW846 8260B
	ND	59.5	67.3	ug/kg	113	15	SW846 8260B
Carbon disulfide	ND	58.2	55.0	ug/kg	95		SW846 8260B
	ND	59.5	62.1	ug/kg	104	12	SW846 8260B
1,1-Dichloroethane	ND	58.2	56.1	ug/kg	96		SW846 8260B
	ND	59.5	62.4	ug/kg	105	11	SW846 8260B
1,2-Dichloroethene (total)	ND	116	112	ug/kg	96		SW846 8260B
	ND	119	127	ug/kg	107	13	SW846 8260B
Chloroform	ND	58.2	55.7	ug/kg	96		SW846 8260B
	ND	59.5	60.6	ug/kg	102	8.6	SW846 8260B
1,1,1-Trichloroethane	ND	58.2	58.8	ug/kg	101		SW846 8260B
	ND	59.5	65.4	ug/kg	110	11	SW846 8260B
Carbon tetrachloride	ND	58.2	58.5	ug/kg	101		SW846 8260B
	ND	59.5	66.8	ug/kg	112	13	SW846 8260B
1,2-Dichloroethane	ND	58.2	51.2	ug/kg	88		SW846 8260B
	ND	59.5	56.2	ug/kg	94	9.2	SW846 8260B
Benzene	ND	58.2	58.6	ug/kg	101		SW846 8260B
	ND	59.5	64.2	ug/kg	108	9.0	SW846 8260B
Trichloroethene	ND	58.2	57.5	ug/kg	99		SW846 8260B
	ND	59.5	63.0	ug/kg	106	9.2	SW846 8260B
1,2-Dichloropropane	ND	58.2	54.3	ug/kg	93		SW846 8260B
	ND	59.5	58.2	ug/kg	98	7.0	SW846 8260B
Bromodichloromethane	ND	58.2	53.8	ug/kg	93		SW846 8260B
	ND	59.5	57.8	ug/kg	97	7.1	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H1QXA1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: F6C220275-002 H1QXA1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	ND	58.2	50.3	ug/kg	87		SW846 8260B
	ND	59.5	56.2	ug/kg	94	11	SW846 8260B
trans-1,3-Dichloropropene	ND	58.2	55.9	ug/kg	96		SW846 8260B
	ND	59.5	58.6	ug/kg	99	4.8	SW846 8260B
Toluene	ND	58.2	60.9	ug/kg	105		SW846 8260B
	ND	59.5	66.8	ug/kg	112	9.3	SW846 8260B
2-Hexanone	ND	58.2	49.6	ug/kg	85		SW846 8260B
	ND	59.5	56.0	ug/kg	94	12	SW846 8260B
4-Methyl-2-pentanone	ND	58.2	53.8	ug/kg	93		SW846 8260B
	ND	59.5	58.7	ug/kg	99	8.7	SW846 8260B
Chlorobenzene	ND	58.2	56.2	ug/kg	97		SW846 8260B
	ND	59.5	60.5	ug/kg	102	7.3	SW846 8260B
Bromoform	ND	58.2	57.0	ug/kg	98		SW846 8260B
	ND	59.5	58.9	ug/kg	99	3.2	SW846 8260B
Ethylbenzene	ND	58.2	60.6	ug/kg	104		SW846 8260B
	ND	59.5	66.4	ug/kg	112	9.2	SW846 8260B
Styrene	ND	58.2	62.0	ug/kg	107		SW846 8260B
	ND	59.5	66.5	ug/kg	112	7.0	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	58.2	50.0	ug/kg	86		SW846 8260B
	ND	59.5	54.2	ug/kg	91	8.2	SW846 8260B
Tetrachloroethene	ND	58.2	60.4	ug/kg	104		SW846 8260B
	ND	59.5	65.8	ug/kg	111	8.7	SW846 8260B
2-Butanone	ND	58.2	51.6	ug/kg	89		SW846 8260B
	ND	59.5	60.6	ug/kg	102	16	SW846 8260B
Dibromochloromethane	ND	58.2	53.6	ug/kg	92		SW846 8260B
	ND	59.5	58.1	ug/kg	98	7.9	SW846 8260B
n-Butylbenzene	ND	58.2	64.1	ug/kg	110		SW846 8260B
	ND	59.5	71.0	ug/kg	119	10	SW846 8260B
n-Hexane	ND	58.2	56.7	ug/kg	97		SW846 8260B
	ND	59.5	60.5	ug/kg	102	6.5	SW846 8260B
Cyclohexanone	ND	582	493	ug/kg	85		SW846 8260B
	ND	595	524	ug/kg	88	6.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(78 - 136)
	111	(78 - 136)
Dibromofluoromethane	97	(71 - 142)
	104	(71 - 142)
1,2-Dichloroethane-d4	94	(62 - 147)
	99	(62 - 147)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H1QXA1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: F6C220275-002 H1QXA1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	99	(75 - 133)
	96	(75 - 133)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 Work Order #...: H2HEG1AE-MS Matrix.....: SOLID
MS Lot-Sample #: F6D030105-006 H2HEG1AF-MSD
Date Sampled...: 03/22/06 Date Received..: 04/01/06
Prep Date.....: 04/05/06 Analysis Date..: 04/05/06
Prep Batch #...: 6095281
Dilution Factor: 1.04 % Moisture.....: 1.9

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,3-Dichloropropene	ND	2650	2790	ug/kg	105		SW846 8260B
	ND	2650	2320	ug/kg	87	19	SW846 8260B
Dibromochloromethane	ND	2650	2780	ug/kg	105		SW846 8260B
	ND	2650	2240	ug/kg	84	21	SW846 8260B
Chloromethane	ND	2650	2440	ug/kg	92		SW846 8260B
	ND	2650	2140	ug/kg	81	13	SW846 8260B
Vinyl chloride	ND	2650	2450	ug/kg	92		SW846 8260B
	ND	2650	2050	ug/kg	77	18	SW846 8260B
Bromomethane	ND	2650	1930	ug/kg	73		SW846 8260B
	ND	2650	1680	ug/kg	63	13	SW846 8260B
Chloroethane	ND	2650	1150	ug/kg	43		SW846 8260B
	ND	2650	982	ug/kg	37	15	SW846 8260B
Acetone	1500	2650	4090	ug/kg	99		SW846 8260B
	1500	2650	3580	ug/kg	80	13	SW846 8260B
1,1-Dichloroethene	ND	2650	2890	ug/kg	109		SW846 8260B
	ND	2650	2360	ug/kg	89	20	SW846 8260B
Methylene chloride	ND	2650	2870	ug/kg	108		SW846 8260B
	ND	2650	2420	ug/kg	91	17	SW846 8260B
Carbon disulfide	ND	2650	2690	ug/kg	101		SW846 8260B
	ND	2650	2230	ug/kg	84	18	SW846 8260B
1,1-Dichloroethane	ND	2650	2640	ug/kg	99		SW846 8260B
	ND	2650	2190	ug/kg	82	19	SW846 8260B
2-Butanone	1400	2650	4370	ug/kg	112		SW846 8260B
	1400	2650	3750	ug/kg	88	15	SW846 8260B
1,2-Dichloroethene (total)	ND	5310	5350	ug/kg	101		SW846 8260B
	ND	5310	4530	ug/kg	85	17	SW846 8260B
Chloroform	76	2650	2690	ug/kg	99		SW846 8260B
	76	2650	2200	ug/kg	80	20	SW846 8260B
1,1,1-Trichloroethane	ND	2650	2650	ug/kg	100		SW846 8260B
	ND	2650	2130	ug/kg	80	22	SW846 8260B
Carbon tetrachloride	520	2650	3110	ug/kg	97		SW846 8260B
	520	2650	2570	ug/kg	77	19	SW846 8260B
1,2-Dichloroethane	ND	2650	2500	ug/kg	94		SW846 8260B
	ND	2650	2020	ug/kg	76	21	SW846 8260B
Benzene	ND	2650	2690	ug/kg	101		SW846 8260B
	ND	2650	2240	ug/kg	84	18	SW846 8260B
Trichloroethene	ND	2650	2650	ug/kg	100		SW846 8260B
	ND	2650	2120	ug/kg	80	22	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: W04890 **Work Order #...:** H2HEG1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: F6D030105-006 H2HEG1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloropropane	ND	2650	2650	ug/kg	100		SW846 8260B
	ND	2650	2170	ug/kg	82	20	SW846 8260B
Bromodichloromethane	ND	2650	2610	ug/kg	98		SW846 8260B
	ND	2650	2180	ug/kg	82	18	SW846 8260B
1,1,2-Trichloroethane	ND	2650	2660	ug/kg	100		SW846 8260B
	ND	2650	2260	ug/kg	85	16	SW846 8260B
trans-1,3-Dichloropropene	ND	2650	2780	ug/kg	105		SW846 8260B
	ND	2650	2270	ug/kg	85	20	SW846 8260B
Toluene	ND	2650	2870	ug/kg	108		SW846 8260B
	ND	2650	2300	ug/kg	87	22	SW846 8260B
2-Hexanone	ND	2650	2800	ug/kg	105		SW846 8260B
	ND	2650	2240	ug/kg	84	22	SW846 8260B
4-Methyl-2-pentanone	ND	2650	2980	ug/kg	112		SW846 8260B
	ND	2650	2440	ug/kg	92	20	SW846 8260B
Chlorobenzene	ND	2650	2750	ug/kg	104		SW846 8260B
	ND	2650	2250	ug/kg	85	20	SW846 8260B
Tetrachloroethene	220	2650	3180	ug/kg	111		SW846 8260B
	220	2650	2580	ug/kg	89	21	SW846 8260B
Ethylbenzene	ND	2650	2820	ug/kg	106		SW846 8260B
	ND	2650	2220	ug/kg	84	24	SW846 8260B
Xylenes (total)	ND	7960	8720	ug/kg	110		SW846 8260B
	ND	7960	7010	ug/kg	88	22	SW846 8260B
Styrene	ND	2650	3040	ug/kg	115		SW846 8260B
	ND	2650	2480	ug/kg	93	20	SW846 8260B
Bromoform	ND	2650	2940	ug/kg	111		SW846 8260B
	ND	2650	2530	ug/kg	95	15	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	2650	3060	ug/kg	115		SW846 8260B
	ND	2650	2630	ug/kg	99	15	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	109	(17 - 150)
	106	(17 - 150)
Dibromofluoromethane	104	(10 - 150)
	101	(10 - 150)
1,2-Dichloroethane-d4	94	(19 - 150)
	88	(19 - 150)
4-Bromofluorobenzene	106	(10 - 150)
	104	(10 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HKB3

GC/MS Semivolatiles

Lot-Sample #...: F6C220275-004 **Work Order #...:** H10GV1AC **Matrix.....:** SOLID
Date Sampled...: 03/13/06 **Date Received..:** 03/22/06
Prep Date.....: 03/27/06 **Analysis Date..:** 03/29/06
Prep Batch #...: 6086179
Dilution Factor: 1
% Moisture.....: 4.5 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzo(ghi)perylene	ND	690	ug/kg	35
Anthracene	ND	690	ug/kg	35
Carbazole	ND	690	ug/kg	35
Di-n-butyl phthalate	ND	690	ug/kg	35
Fluoranthene	ND	690	ug/kg	35
Pyrene	ND	690	ug/kg	35
Butyl benzyl phthalate	ND	690	ug/kg	35
3,3'-Dichlorobenzidine	ND	3400	ug/kg	35
Benzo(a)anthracene	ND	690	ug/kg	35
Chrysene	ND	690	ug/kg	35
bis(2-Ethylhexyl) phthalate	ND	690	ug/kg	35
Di-n-octyl phthalate	ND	690	ug/kg	15
Benzo(b)fluoranthene	ND	690	ug/kg	35
Benzo(k)fluoranthene	ND	690	ug/kg	35
Benzo(a)pyrene	ND	690	ug/kg	35
Indeno(1,2,3-cd)pyrene	ND	690	ug/kg	35
Dibenzo(a,h)anthracene	ND	690	ug/kg	35
Acenaphthene	ND	690	ug/kg	35
2,4-Dinitrophenol	ND	3400	ug/kg	350
4-Nitrophenol	ND	3400	ug/kg	350
Dibenzofuran	ND	690	ug/kg	35
2,4-Dinitrotoluene	ND	690	ug/kg	35
Diethyl phthalate	ND	690	ug/kg	35
Fluorene	ND	690	ug/kg	35
4-Chlorophenyl phenyl ether	ND	690	ug/kg	35
4-Nitroaniline	ND	3400	ug/kg	350
4,6-Dinitro-2-methylphenol	ND	3400	ug/kg	350
N-Nitrosodiphenylamine	ND	690	ug/kg	35
4-Bromophenyl phenyl ether	ND	690	ug/kg	35
Hexachlorobenzene	ND	690	ug/kg	35
Atrazine	ND	690	ug/kg	35
Pentachlorophenol	ND	3400	ug/kg	350
Phenanthrene	ND	690	ug/kg	35
Naphthalene	ND	690	ug/kg	35

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Fluor Hanford Inc

Client Sample ID: B1HKB3

GC/MS Semivolatiles

Lot-Sample #...: F6C220275-004 **Work Order #...:** H10GV1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Chloroaniline	ND	690	ug/kg	35
Hexachlorobutadiene	ND	690	ug/kg	35
Caprolactam	ND	690	ug/kg	35
4-Chloro-3-methylphenol	ND	690	ug/kg	35
2-Methylnaphthalene	ND	690	ug/kg	35
Hexachlorocyclopenta-diene	ND	3400	ug/kg	350
2,4,6-Trichloro-phenol	ND	690	ug/kg	35
2,4,5-Trichloro-phenol	ND	690	ug/kg	35
1,1'-Biphenyl	ND	690	ug/kg	35
2-Chloronaphthalene	ND	690	ug/kg	35
2-Nitroaniline	ND	3400	ug/kg	35
Dimethyl phthalate	ND	690	ug/kg	35
2,6-Dinitrotoluene	ND	690	ug/kg	35
Acenaphthylene	ND	690	ug/kg	35
3-Nitroaniline	ND	3400	ug/kg	35
Benzaldehyde	ND	690	ug/kg	35
Phenol	ND	690	ug/kg	35
bis(2-Chloroethyl)-ether	ND	690	ug/kg	35
2-Chlorophenol	ND	690	ug/kg	35
2-Methylphenol	ND	690	ug/kg	35
2,2'-oxybis(1-Chloropropane)	ND	690	ug/kg	35
Acetophenone	ND	690	ug/kg	35
N-Nitrosodi-n-propyl-amine	ND	690	ug/kg	35
Hexachloroethane	ND	690	ug/kg	35
Nitrobenzene	ND	690	ug/kg	35
Isophorone	ND	690	ug/kg	35
2-Nitrophenol	ND	690	ug/kg	35
2,4-Dimethylphenol	ND	690	ug/kg	35
bis(2-Chloroethoxy) methane	ND	690	ug/kg	35
2,4-Dichlorophenol	ND	690	ug/kg	35
1,3-Dichlorobenzene	ND	690	ug/kg	35
1,4-Dichlorobenzene	ND	690	ug/kg	35
1,2-Dichlorobenzene	ND	690	ug/kg	35
3-Methylphenol & 4-Methylphenol	ND	1400	ug/kg	70
1,2,4-Trichloro-benzene	ND	690	ug/kg	35

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Fluor Hanford Inc

Client Sample ID: B1HKB3

GC/MS Semivolatiles

Lot-Sample #...: F6C220275-004 **Work Order #...:** H10GV1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tributyl phosphate	ND	690	ug/kg	35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(38 - 101)
Phenol-d5	76	(36 - 107)
Nitrobenzene-d5	72	(41 - 107)
2-Fluorobiphenyl	75	(44 - 111)
2,4,6-Tribromophenol	59	(36 - 116)
Terphenyl-d14	68	(30 - 114)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

B1HKB3

GC/MS Semivolatiles

Lot-Sample #: F6C220275-004 **Work Order #:** H10GV1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown		340	M	2.3381	ug/kg
Unknown		2200	M	3.1297	ug/kg
Unknown aldol condensate		98000	M	3.6753	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1BK27

GC/MS Semivolatiles

Lot-Sample #...: F6D030105-001 **Work Order #...:** H2GLR1AD **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
Prep Date.....: 04/03/06 **Analysis Date..:** 04/05/06
Prep Batch #...: 6093293
Dilution Factor: 1
% Moisture.....: 5.6 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzo(ghi)perylene	ND	350	ug/kg	35
Anthracene	ND	350	ug/kg	35
Carbazole	ND	350	ug/kg	35
Di-n-butyl phthalate	ND	350	ug/kg	35
Fluoranthene	ND	350	ug/kg	35
Pyrene	ND	350	ug/kg	35
Butyl benzyl phthalate	ND	350	ug/kg	35
3,3'-Dichlorobenzidine	ND	1700	ug/kg	35
Benzo(a)anthracene	ND	350	ug/kg	35
Chrysene	ND	350	ug/kg	35
bis(2-Ethylhexyl) phthalate	**120 J**	**350**	**ug/kg**	**35**
Di-n-octyl phthalate	ND	350	ug/kg	16
Benzo(b)fluoranthene	ND	350	ug/kg	35
Benzo(k)fluoranthene	ND	350	ug/kg	35
Benzo(a)pyrene	ND	350	ug/kg	35
Indeno(1,2,3-cd)pyrene	ND	350	ug/kg	35
Dibenzo(a,h)anthracene	ND	350	ug/kg	35
Acenaphthene	ND	350	ug/kg	35
2,4-Dinitrophenol	ND	1700	ug/kg	350
4-Nitrophenol	ND	1700	ug/kg	350
Dibenzofuran	ND	350	ug/kg	35
2,4-Dinitrotoluene	ND	350	ug/kg	35
Diethyl phthalate	ND	350	ug/kg	35
Fluorene	ND	350	ug/kg	35
4-Chlorophenyl phenyl ether	ND	350	ug/kg	35
4-Nitroaniline	ND	1700	ug/kg	350
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg	350
N-Nitrosodiphenylamine	ND	350	ug/kg	35
4-Bromophenyl phenyl ether	ND	350	ug/kg	35
Hexachlorobenzene	ND	350	ug/kg	35
Atrazine	ND	350	ug/kg	35
Pentachlorophenol	ND	1700	ug/kg	350
Phenanthrene	ND	350	ug/kg	35
Naphthalene	ND	350	ug/kg	35

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Fluor Hanford Inc

Client Sample ID: B1HK27

GC/MS Semivolatiles

Lot-Sample #...: F6D030105-001 **Work Order #...:** H2GLR1AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Chloroaniline	ND	350	ug/kg	35
Hexachlorobutadiene	ND	350	ug/kg	35
Caprolactam	ND	350	ug/kg	35
4-Chloro-3-methylphenol	ND	350	ug/kg	35
2-Methylnaphthalene	ND	350	ug/kg	35
Hexachlorocyclopenta-diene	ND	1700	ug/kg	350
2,4,6-Trichloro-phenol	ND	350	ug/kg	35
2,4,5-Trichloro-phenol	ND	350	ug/kg	35
1,1'-Biphenyl	ND	350	ug/kg	35
2-Chloronaphthalene	ND	350	ug/kg	35
2-Nitroaniline	ND	1700	ug/kg	35
Dimethyl phthalate	ND	350	ug/kg	35
2,6-Dinitrotoluene	ND	350	ug/kg	35
Acenaphthylene	ND	350	ug/kg	35
3-Nitroaniline	ND	1700	ug/kg	35
Benzaldehyde	ND	350	ug/kg	35
Phenol	ND	350	ug/kg	35
bis(2-Chloroethyl)-ether	ND	350	ug/kg	35
2-Chlorophenol	ND	350	ug/kg	35
2-Methylphenol	ND	350	ug/kg	35
2,2'-oxybis(1-Chloropropane)	ND	350	ug/kg	35
Acetophenone	ND	350	ug/kg	35
N-Nitrosodi-n-propyl-amine	ND	350	ug/kg	35
Hexachloroethane	**89 J**	**350**	**ug/kg**	35
Nitrobenzene	ND	350	ug/kg	35
Isophorone	ND	350	ug/kg	35
2-Nitrophenol	ND	350	ug/kg	35
2,4-Dimethylphenol	ND	350	ug/kg	35
bis(2-Chloroethoxy) methane	ND	350	ug/kg	35
2,4-Dichlorophenol	ND	350	ug/kg	35
1,3-Dichlorobenzene	ND	350	ug/kg	35
1,4-Dichlorobenzene	ND	350	ug/kg	35
1,2-Dichlorobenzene	ND	350	ug/kg	35
3-Methylphenol & 4-Methylphenol	ND	700	ug/kg	71
1,2,4-Trichloro-benzene	ND	350	ug/kg	35

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Fluor Hanford Inc

Client Sample ID: B1HK27

GC/MS Semivolatiles

Lot-Sample #...: F6D030105-001 **Work Order #...:** H2GLR1AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tributyl phosphate	**120000**	**350**	**ug/kg**	**35**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	69	(38 - 101)
Phenol-d5	76	(36 - 107)
Nitrobenzene-d5	71	(41 - 107)
2-Fluorobiphenyl	69	(44 - 111)
2,4,6-Tribromophenol	60	(36 - 116)
Terphenyl-d14	71	(30 - 114)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1HK27

GC/MS Semivolatiles

Lot-Sample #: F6D030105-001 **Work Order #:** H2GLR1AD **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown		1100	M	3.0795	ug/kg
Unknown aldol condensate		45000	M	3.6358	ug/kg
Cyclopentasiloxane, decamethyl	541-02-6	220	M	6.3422	ug/kg
Unknown		280	M	8.2784	ug/kg
Unknown		190	M	9.4283	ug/kg
Unknown		280	M	10.594	ug/kg
Unknown		210	M	10.888	ug/kg
Unknown		350	M	11.498	ug/kg
Unknown		180	M	11.755	ug/kg
Unknown		450	M	12.086	ug/kg
Unknown		170	M	12.161	ug/kg
Unknown		1100	M	12.305	ug/kg
Unknown		910	M	12.343	ug/kg
Unknown		1600	M	12.53	ug/kg
Unknown		250	M	12.616	ug/kg
Unknown		1300	M	13.183	ug/kg
Unknown		1300	M	13.236	ug/kg
Unknown		160	M	13.284	ug/kg
Unknown		270	M	13.455	ug/kg
Unknown		170	M	14.509	ug/kg
Unknown		1700	M	14.766	ug/kg
Unknown		190	M	14.948	ug/kg
Octadecanoic acid	57-11-4	220	M	15.188	ug/kg
Unknown		3100	M	15.279	ug/kg
Unknown		360	M	16.943	ug/kg
Unknown		220	M	18.382	ug/kg
Unknown		260	M	18.654	ug/kg
Unknown		460	M	20.879	ug/kg
Unknown		420	M	21.227	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1HK27

GC/MS Semivolatiles

Lot-Sample #...: F6D030105-001 **Work Order #...:** H2GLR2AD **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
Prep Date.....: 04/03/06 **Analysis Date..:** 04/07/06
Prep Batch #...: 6093293
Dilution Factor: 100
% Moisture.....: 5.6 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tributyl phosphate	**500000 D**	**35000**	**ug/kg**	**3500**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	0.0 DIL,*	(38 - 101)
Phenol-d5	0.0 DIL,*	(36 - 107)
Nitrobenzene-d5	0.0 DIL,*	(41 - 107)
2-Fluorobiphenyl	0.0 DIL,*	(44 - 111)
2,4,6-Tribromophenol	0.0 DIL,*	(36 - 116)
Terphenyl-d14	0.0 DIL,*	(30 - 114)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1HK32

GC/MS Semivolatiles

Lot-Sample #...: F6D030105-002 **Work Order #...:** H2GME1AD **Matrix.....:** SOLID
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
Prep Date.....: 04/03/06 **Analysis Date..:** 04/05/06
Prep Batch #...: 6093293
Dilution Factor: 1
% Moisture.....: 5.6 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzo(ghi)perylene	ND	350	ug/kg	35
Anthracene	ND	350	ug/kg	35
Carbazole	ND	350	ug/kg	35
Di-n-butyl phthalate	**100 J**	**350**	**ug/kg**	**35**
Fluoranthene	ND	350	ug/kg	35
Pyrene	ND	350	ug/kg	35
Butyl benzyl phthalate	ND	350	ug/kg	35
3,3'-Dichlorobenzidine	ND	1700	ug/kg	35
Benzo(a)anthracene	ND	350	ug/kg	35
Chrysene	ND	350	ug/kg	35
bis(2-Ethylhexyl) phthalate	**500**	**350**	**ug/kg**	**35**
Di-n-octyl phthalate	ND	350	ug/kg	16
Benzo(b)fluoranthene	ND	350	ug/kg	35
Benzo(k)fluoranthene	ND	350	ug/kg	35
Benzo(a)pyrene	ND	350	ug/kg	35
Indeno(1,2,3-cd)pyrene	ND	350	ug/kg	35
Dibenzo(a,h)anthracene	ND	350	ug/kg	35
Acenaphthene	ND	350	ug/kg	35
2,4-Dinitrophenol	ND	1700	ug/kg	350
4-Nitrophenol	ND	1700	ug/kg	350
Dibenzofuran	ND	350	ug/kg	35
2,4-Dinitrotoluene	ND	350	ug/kg	35
Diethyl phthalate	ND	350	ug/kg	35
Fluorene	ND	350	ug/kg	35
4-Chlorophenyl phenyl ether	ND	350	ug/kg	35
4-Nitroaniline	ND	1700	ug/kg	350
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg	350
N-Nitrosodiphenylamine	ND	350	ug/kg	35
4-Bromophenyl phenyl ether	ND	350	ug/kg	35
Hexachlorobenzene	ND	350	ug/kg	35
Atrazine	ND	350	ug/kg	35
Pentachlorophenol	ND	1700	ug/kg	350
Phenanthrene	ND	350	ug/kg	35
Naphthalene	ND	350	ug/kg	35

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Fluor Hanford Inc

Client Sample ID: B1HK32

GC/MS Semivolatiles

Lot-Sample #...: F6D030105-002 **Work Order #...:** H2GME1AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Chloroaniline	ND	350	ug/kg	35
Hexachlorobutadiene	ND	350	ug/kg	35
Caprolactam	ND	350	ug/kg	35
4-Chloro-3-methylphenol	ND	350	ug/kg	35
2-Methylnaphthalene	ND	350	ug/kg	35
Hexachlorocyclopenta-diene	ND	1700	ug/kg	350
2,4,6-Trichloro-phenol	ND	350	ug/kg	35
2,4,5-Trichloro-phenol	ND	350	ug/kg	35
1,1'-Biphenyl	ND	350	ug/kg	35
2-Chloronaphthalene	ND	350	ug/kg	35
2-Nitroaniline	ND	1700	ug/kg	35
Dimethyl phthalate	ND	350	ug/kg	35
2,6-Dinitrotoluene	ND	350	ug/kg	35
Acenaphthylene	ND	350	ug/kg	35
3-Nitroaniline	ND	1700	ug/kg	35
Benzaldehyde	ND	350	ug/kg	35
Phenol	ND	350	ug/kg	35
bis(2-Chloroethyl)-ether	ND	350	ug/kg	35
2-Chlorophenol	ND	350	ug/kg	35
2-Methylphenol	ND	350	ug/kg	35
2,2'-oxybis(1-Chloropropane)	ND	350	ug/kg	35
Acetophenone	ND	350	ug/kg	35
N-Nitrosodi-n-propyl-amine	ND	350	ug/kg	35
Hexachloroethane	**3300**	**350**	**ug/kg**	35
Nitrobenzene	ND	350	ug/kg	35
Isophorone	ND	350	ug/kg	35
2-Nitrophenol	ND	350	ug/kg	35
2,4-Dimethylphenol	ND	350	ug/kg	35
bis(2-Chloroethoxy) methane	ND	350	ug/kg	35
2,4-Dichlorophenol	ND	350	ug/kg	35
1,3-Dichlorobenzene	ND	350	ug/kg	35
1,4-Dichlorobenzene	ND	350	ug/kg	35
1,2-Dichlorobenzene	ND	350	ug/kg	35
3-Methylphenol & 4-Methylphenol	ND	700	ug/kg	71
1,2,4-Trichloro-benzene	ND	350	ug/kg	35

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Fluor Hanford Inc

Client Sample ID: B1HK32

GC/MS Semivolatiles

Lot-Sample #...: F6D030105-002 **Work Order #...:** H2GME1AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tributyl phosphate	**230000 E**	**350**	**ug/kg**	**35**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	11 *	(38 - 101)
Phenol-d5	0.0	(36 - 107)
Nitrobenzene-d5	62	(41 - 107)
2-Fluorobiphenyl	73	(44 - 111)
2,4,6-Tribromophenol	73	(36 - 116)
Terphenyl-d14	101	(30 - 114)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

Fluor Hanford Inc

B1HK32

GC/MS Semivolatiles

Lot-Sample #: F6D030105-002 **Work Order #:** H2GME1AD **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown		46000	M	3.6251	ug/kg
Unknown		320	M	11.749	ug/kg
Unknown		180	M	11.92	ug/kg
Unknown		690	M	12.204	ug/kg
Unknown		210	M	12.263	ug/kg
Unknown		1000	M	12.412	ug/kg
Unknown		190	M	12.701	ug/kg
Unknown		150	M	13.113	ug/kg
Unknown		1600	M	13.263	ug/kg
Unknown		980	M	13.3	ug/kg
Unknown		240	M	13.338	ug/kg
Unknown		280	M	13.493	ug/kg
Unknown		1800	M	14.156	ug/kg
Unknown		270	M	14.68	ug/kg
Unknown		1700	M	14.814	ug/kg
Unknown		230	M	14.98	ug/kg
Unknown		1100	M	15.37	ug/kg
Unknown		860	M	16.825	ug/kg
Unknown		1300	M	18.253	ug/kg
Unknown		1600	M	18.398	ug/kg
Unknown		1900	M	18.67	ug/kg
Unknown		1200	M	19.355	ug/kg
Unknown		1600	M	20.5	ug/kg
Unknown		4300	M	20.906	ug/kg
Unknown		4100	M	21.264	ug/kg
Unknown		1600	M	21.928	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1HK32

GC/MS Semivolatiles

Lot-Sample #...: F6D030105-002 **Work Order #...:** H2GME3AD **Matrix.....:** SOLID
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
Prep Date.....: 04/03/06 **Analysis Date..:** 04/12/06
Prep Batch #...: 6093293
Dilution Factor: 1000
% Moisture.....: 5.6 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tributyl phosphate	**3000000 D**	**350000**	**ug/kg**	**35000**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	0.0 DIL,*	(38 - 101)
Phenol-d5	0.0 DIL,*	(36 - 107)
Nitrobenzene-d5	0.0 DIL,*	(41 - 107)
2-Fluorobiphenyl	0.0 DIL,*	(44 - 111)
2,4,6-Tribromophenol	0.0 DIL,*	(36 - 116)
Terphenyl-d14	0.0 DIL,*	(30 - 114)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1HX52

GC/MS Semivolatiles

Lot-Sample #...: F6D170197-002 **Work Order #...:** H3FF51AD **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06
Prep Date.....: 04/17/06 **Analysis Date..:** 04/25/06
Prep Batch #...: 6107539
Dilution Factor: 1
% Moisture.....: 7.4 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzo(ghi)perylene	ND	360	ug/kg	36
Anthracene	ND	360	ug/kg	36
Carbazole	ND	360	ug/kg	36
Di-n-butyl phthalate	ND	360	ug/kg	36
Fluoranthene	ND	360	ug/kg	36
Pyrene	ND	360	ug/kg	36
Butyl benzyl phthalate	ND	360	ug/kg	36
3,3'-Dichlorobenzidine	ND	1700	ug/kg	36
Benzo(a)anthracene	ND	360	ug/kg	36
Chrysene	ND	360	ug/kg	36
bis(2-Ethylhexyl) phthalate	ND	360	ug/kg	36
Di-n-octyl phthalate	ND	360	ug/kg	16
Benzo(b)fluoranthene	ND	360	ug/kg	36
Benzo(k)fluoranthene	ND	360	ug/kg	36
Benzo(a)pyrene	ND	360	ug/kg	36
Indeno(1,2,3-cd)pyrene	ND	360	ug/kg	36
Dibenzo(a,h)anthracene	ND	360	ug/kg	36
Acenaphthene	ND	360	ug/kg	36
2,4-Dinitrophenol	ND	1700	ug/kg	360
4-Nitrophenol	ND	1700	ug/kg	360
Dibenzofuran	ND	360	ug/kg	36
2,4-Dinitrotoluene	ND	360	ug/kg	36
Diethyl phthalate	ND	360	ug/kg	36
Fluorene	ND	360	ug/kg	36
4-Chlorophenyl phenyl ether	ND	360	ug/kg	36
4-Nitroaniline	ND	1700	ug/kg	360
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg	360
N-Nitrosodiphenylamine	ND	360	ug/kg	36
4-Bromophenyl phenyl ether	ND	360	ug/kg	36
Hexachlorobenzene	ND	360	ug/kg	36
Atrazine	ND	360	ug/kg	36
Pentachlorophenol	ND	1700	ug/kg	360
Phenanthrene	ND	360	ug/kg	36
Naphthalene	ND	360	ug/kg	36

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Fluor Hanford Inc

Client Sample ID: B1HK52

GC/MS Semivolatiles

Lot-Sample #...: F6D170197-002 **Work Order #...:** H3FF51AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Chloroaniline	ND	360	ug/kg	36
Hexachlorobutadiene	ND	360	ug/kg	36
Caprolactam	ND	360	ug/kg	36
4-Chloro-3-methylphenol	ND	360	ug/kg	36
2-Methylnaphthalene	ND	360	ug/kg	36
Hexachlorocyclopenta-diene	ND	1700	ug/kg	360
2,4,6-Trichloro-phenol	ND	360	ug/kg	36
2,4,5-Trichloro-phenol	ND	360	ug/kg	36
1,1'-Biphenyl	ND	360	ug/kg	36
2-Chloronaphthalene	ND	360	ug/kg	36
2-Nitroaniline	ND	1700	ug/kg	36
Dimethyl phthalate	ND	360	ug/kg	36
2,6-Dinitrotoluene	ND	360	ug/kg	36
Acenaphthylene	ND	360	ug/kg	36
3-Nitroaniline	ND	1700	ug/kg	36
Benzaldehyde	ND	360	ug/kg	36
Phenol	ND	360	ug/kg	36
bis(2-Chloroethyl)-ether	ND	360	ug/kg	36
2-Chlorophenol	ND	360	ug/kg	36
2-Methylphenol	ND	360	ug/kg	36
2,2'-oxybis(1-Chloropropane)	ND	360	ug/kg	36
Acetophenone	ND	360	ug/kg	36
N-Nitrosodi-n-propyl-amine	ND	360	ug/kg	36
Hexachloroethane	ND	360	ug/kg	36
Nitrobenzene	ND	360	ug/kg	36
Isophorone	ND	360	ug/kg	36
2-Nitrophenol	ND	360	ug/kg	36
2,4-Dimethylphenol	ND	360	ug/kg	36
bis(2-Chloroethoxy) methane	ND	360	ug/kg	36
2,4-Dichlorophenol	ND	360	ug/kg	36
1,3-Dichlorobenzene	ND	360	ug/kg	36
1,4-Dichlorobenzene	ND	360	ug/kg	36
1,2-Dichlorobenzene	ND	360	ug/kg	36
3-Methylphenol & 4-Methylphenol	ND	710	ug/kg	72
1,2,4-Trichloro-benzene	ND	360	ug/kg	36

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Fluor Hanford Inc

Client Sample ID: B1HK52

GC/MS Semivolatiles

Lot-Sample #...: F6D170197-002 **Work Order #...:** H3FF51AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tributyl phosphate	**28000 E**	**360**	**ug/kg**	**36**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	45	(38 - 101)
Phenol-d5	43	(36 - 107)
Nitrobenzene-d5	49	(41 - 107)
2-Fluorobiphenyl	52	(44 - 111)
2,4,6-Tribromophenol	39	(36 - 116)
Terphenyl-d14	52	(30 - 114)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

Fluor Hanford Inc

B1HK52

GC/MS Semivolatiles

Lot-Sample #: F6D170197-002 **Work Order #:** H3FF51AD **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		15000	M	3.4326	ug/kg
Unknown aldol condensate		25000	M	3.7107	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1HK52

GC/MS Semivolatiles

Lot-Sample #...: F6D170197-002 **Work Order #...:** H3FF52AD **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06
Prep Date.....: 04/17/06 **Analysis Date..:** 04/26/06
Prep Batch #...: 6107539
Dilution Factor: 10
% Moisture.....: 7.4 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tributyl phosphate	**46000 D**	**3600**	**ug/kg**	**360**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	0.0 DIL,*	(38 - 101)
Phenol-d5	0.0 DIL,*	(36 - 107)
Nitrobenzene-d5	0.0 DIL,*	(41 - 107)
2-Fluorobiphenyl	0.0 DIL,*	(44 - 111)
2,4,6-Tribromophenol	0.0 DIL,*	(36 - 116)
Terphenyl-d14	0.0 DIL,*	(30 - 114)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1HK47

GC/MS Semivolatiles

Lot-Sample #...: F6D170197-005 **Work Order #...:** H3FGG1AD **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
Prep Date.....: 04/17/06 **Analysis Date..:** 04/26/06
Prep Batch #...: 6107539
Dilution Factor: 1
% Moisture.....: 6.3 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzo(ghi)perylene	ND	350	ug/kg	36
Anthracene	ND	350	ug/kg	36
Carbazole	ND	350	ug/kg	36
Di-n-butyl phthalate	ND	350	ug/kg	36
Fluoranthene	ND	350	ug/kg	36
Pyrene	ND	350	ug/kg	36
Butyl benzyl phthalate	ND	350	ug/kg	36
3,3'-Dichlorobenzidine	ND	1700	ug/kg	36
Benzo(a)anthracene	ND	350	ug/kg	36
Chrysene	ND	350	ug/kg	36
bis(2-Ethylhexyl) phthalate	ND	350	ug/kg	36
Di-n-octyl phthalate	ND	350	ug/kg	16
Benzo(b)fluoranthene	ND	350	ug/kg	36
Benzo(k)fluoranthene	ND	350	ug/kg	36
Benzo(a)pyrene	ND	350	ug/kg	36
Indeno(1,2,3-cd)pyrene	ND	350	ug/kg	36
Dibenzo(a,h)anthracene	ND	350	ug/kg	36
Acenaphthene	ND	350	ug/kg	36
2,4-Dinitrophenol	ND	1700	ug/kg	350
4-Nitrophenol	ND	1700	ug/kg	350
Dibenzofuran	ND	350	ug/kg	36
2,4-Dinitrotoluene	ND	350	ug/kg	36
Diethyl phthalate	ND	350	ug/kg	36
Fluorene	ND	350	ug/kg	36
4-Chlorophenyl phenyl ether	ND	350	ug/kg	36
4-Nitroaniline	ND	1700	ug/kg	350
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg	350
N-Nitrosodiphenylamine	ND	350	ug/kg	36
4-Bromophenyl phenyl ether	ND	350	ug/kg	36
Hexachlorobenzene	ND	350	ug/kg	36
Atrazine	ND	350	ug/kg	36
Pentachlorophenol	ND	1700	ug/kg	350
Phenanthrene	ND	350	ug/kg	36
Naphthalene	ND	350	ug/kg	36

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Fluor Hanford Inc

Client Sample ID: B1HK47

GC/MS Semivolatiles

Lot-Sample #...: F6D170197-005 **Work Order #...:** H3FGG1AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Chloroaniline	ND	350	ug/kg	36
Hexachlorobutadiene	ND	350	ug/kg	36
Caprolactam	ND	350	ug/kg	36
4-Chloro-3-methylphenol	ND	350	ug/kg	36
2-Methylnaphthalene	ND	350	ug/kg	36
Hexachlorocyclopenta-diene	ND	1700	ug/kg	350
2,4,6-Trichloro-phenol	ND	350	ug/kg	36
2,4,5-Trichloro-phenol	ND	350	ug/kg	36
1,1'-Biphenyl	ND	350	ug/kg	36
2-Chloronaphthalene	ND	350	ug/kg	36
2-Nitroaniline	ND	1700	ug/kg	36
Dimethyl phthalate	ND	350	ug/kg	36
2,6-Dinitrotoluene	ND	350	ug/kg	36
Acenaphthylene	ND	350	ug/kg	36
3-Nitroaniline	ND	1700	ug/kg	36
Benzaldehyde	ND	350	ug/kg	36
Phenol	ND	350	ug/kg	36
bis(2-Chloroethyl)-ether	ND	350	ug/kg	36
2-Chlorophenol	ND	350	ug/kg	36
2-Methylphenol	ND	350	ug/kg	36
2,2'-oxybis(1-Chloropropane)	ND	350	ug/kg	36
Acetophenone	ND	350	ug/kg	36
N-Nitrosodi-n-propyl-amine	ND	350	ug/kg	36
Hexachloroethane	ND	350	ug/kg	36
Nitrobenzene	ND	350	ug/kg	36
Isophorone	ND	350	ug/kg	36
2-Nitrophenol	ND	350	ug/kg	36
2,4-Dimethylphenol	ND	350	ug/kg	36
bis(2-Chloroethoxy) methane	ND	350	ug/kg	36
2,4-Dichlorophenol	ND	350	ug/kg	36
1,3-Dichlorobenzene	ND	350	ug/kg	36
1,4-Dichlorobenzene	ND	350	ug/kg	36
1,2-Dichlorobenzene	ND	350	ug/kg	36
3-Methylphenol & 4-Methylphenol	ND	700	ug/kg	71
1,2,4-Trichloro-benzene	ND	350	ug/kg	36

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1HK47

GC/MS Semivolatiles

Lot-Sample #...: F6D170197-005 **Work Order #...:** H3FGG1AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tributyl phosphate	**49 J**	**350**	**ug/kg**	**36**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	47	(38 - 101)
Phenol-d5	45	(36 - 107)
Nitrobenzene-d5	50	(41 - 107)
2-Fluorobiphenyl	51	(44 - 111)
2,4,6-Tribromophenol	39	(36 - 116)
Terphenyl-d14	51	(30 - 114)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1HK47

GC/MS Semivolatiles

Lot-Sample #: F6D170197-005 **Work Order #:** H3FGG1AD **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown		240	M	1.9669	ug/kg
Unknown		2300	M	2.935	ug/kg
Unknown organic acid		200	M	3.1222	ug/kg
Unknown aldol condensate		21000	M	3.4378	ug/kg
Unknown aldol condensate		11000	M	3.6357	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Fluor Hanford Inc

Client Sample ID: B1HL22

GC/MS Semivolatiles

Lot-Sample #...: F6D170197-007 **Work Order #...:** H3FH41AD **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
Prep Date.....: 04/17/06 **Analysis Date..:** 04/26/06
Prep Batch #...: 6107539
Dilution Factor: 1
% Moisture.....: 7.9 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzo(ghi)perylene	ND	360	ug/kg	36
Anthracene	ND	360	ug/kg	36
Carbazole	ND	360	ug/kg	36
Di-n-butyl phthalate	ND	360	ug/kg	36
Fluoranthene	ND	360	ug/kg	36
Pyrene	ND	360	ug/kg	36
Butyl benzyl phthalate	ND	360	ug/kg	36
3,3'-Dichlorobenzidine	ND	1700	ug/kg	36
Benzo(a)anthracene	ND	360	ug/kg	36
Chrysene	ND	360	ug/kg	36
bis(2-Ethylhexyl) phthalate	**56 J**	**360**	**ug/kg**	**36**
Di-n-octyl phthalate	ND	360	ug/kg	16
Benzo(b)fluoranthene	ND	360	ug/kg	36
Benzo(k)fluoranthene	ND	360	ug/kg	36
Benzo(a)pyrene	ND	360	ug/kg	36
Indeno(1,2,3-cd)pyrene	ND	360	ug/kg	36
Dibenzo(a,h)anthracene	ND	360	ug/kg	36
Acenaphthene	ND	360	ug/kg	36
2,4-Dinitrophenol	ND	1700	ug/kg	360
4-Nitrophenol	ND	1700	ug/kg	360
Dibenzofuran	ND	360	ug/kg	36
2,4-Dinitrotoluene	ND	360	ug/kg	36
Diethyl phthalate	ND	360	ug/kg	36
Fluorene	ND	360	ug/kg	36
4-Chlorophenyl phenyl ether	ND	360	ug/kg	36
4-Nitroaniline	ND	1700	ug/kg	360
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg	360
N-Nitrosodiphenylamine	ND	360	ug/kg	36
4-Bromophenyl phenyl ether	ND	360	ug/kg	36
Hexachlorobenzene	ND	360	ug/kg	36
Atrazine	ND	360	ug/kg	36
Pentachlorophenol	ND	1700	ug/kg	360
Phenanthrene	ND	360	ug/kg	36
Naphthalene	ND	360	ug/kg	36

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Fluor Hanford Inc

Client Sample ID: B1HL22

GC/MS Semivolatiles

Lot-Sample #...: F6D170197-007 **Work Order #...:** H3FH41AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Chloroaniline	ND	360	ug/kg	36
Hexachlorobutadiene	ND	360	ug/kg	36
Caprolactam	ND	360	ug/kg	36
4-Chloro-3-methylphenol	ND	360	ug/kg	36
2-Methylnaphthalene	ND	360	ug/kg	36
Hexachlorocyclopenta-diene	ND	1700	ug/kg	360
2,4,6-Trichloro-phenol	ND	360	ug/kg	36
2,4,5-Trichloro-phenol	ND	360	ug/kg	36
1,1'-Biphenyl	ND	360	ug/kg	36
2-Chloronaphthalene	ND	360	ug/kg	36
2-Nitroaniline	ND	1700	ug/kg	36
Dimethyl phthalate	ND	360	ug/kg	36
2,6-Dinitrotoluene	ND	360	ug/kg	36
Acenaphthylene	ND	360	ug/kg	36
3-Nitroaniline	ND	1700	ug/kg	36
Benzaldehyde	ND	360	ug/kg	36
Phenol	ND	360	ug/kg	36
bis(2-Chloroethyl)-ether	ND	360	ug/kg	36
2-Chlorophenol	ND	360	ug/kg	36
2-Methylphenol	ND	360	ug/kg	36
2,2'-oxybis(1-Chloropropane)	ND	360	ug/kg	36
Acetophenone	ND	360	ug/kg	36
N-Nitrosodi-n-propyl-amine	ND	360	ug/kg	36
Hexachloroethane	ND	360	ug/kg	36
Nitrobenzene	ND	360	ug/kg	36
Isophorone	ND	360	ug/kg	36
2-Nitrophenol	ND	360	ug/kg	36
2,4-Dimethylphenol	ND	360	ug/kg	36
bis(2-Chloroethoxy) methane	ND	360	ug/kg	36
2,4-Dichlorophenol	ND	360	ug/kg	36
1,3-Dichlorobenzene	ND	360	ug/kg	36
1,4-Dichlorobenzene	ND	360	ug/kg	36
1,2-Dichlorobenzene	ND	360	ug/kg	36
3-Methylphenol & 4-Methylphenol	ND	720	ug/kg	72
1,2,4-Trichloro-benzene	ND	360	ug/kg	36

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Fluor Hanford Inc

Client Sample ID: B1HL22

GC/MS Semivolatiles

Lot-Sample #...: F6D170197-007 **Work Order #...:** H3FH41AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tributyl phosphate	ND	360	ug/kg	36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	47	(38 - 101)
Phenol-d5	41	(36 - 107)
Nitrobenzene-d5	51	(41 - 107)
2-Fluorobiphenyl	54	(44 - 111)
2,4,6-Tribromophenol	37	(36 - 116)
Terphenyl-d14	57	(30 - 114)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1HL22

GC/MS Semivolatiles

Lot-Sample #: F6D170197-007 **Work Order #:** H3FH41AD **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS.

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown		240	M	1.9669	ug/kg
Unknown aldol condensate		7300	M	3.395	ug/kg
Unknown aldol condensate		26000	M	3.7052	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H13LD1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6C270000-179

Prep Date.....: 03/27/06
Analysis Date..: 03/28/06 **Prep Batch #...:** 6086179
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Anthracene	ND	660	ug/kg	SW846 8270C
Carbazole	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	3200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
Dibenzo(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Acenaphthene	ND	660	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3200	ug/kg	SW846 8270C
4-Nitrophenol	ND	3200	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
4-Nitroaniline	ND	3200	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3200	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Atrazine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3200	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H13LD1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4-Chloro-3-methylphenol	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	3200	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	660	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3200	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Acenaphthylene	ND	660	ug/kg	SW846 8270C
3-Nitroaniline	ND	3200	ug/kg	SW846 8270C
Benzaldehyde	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	660	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	660	ug/kg	SW846 8270C
Acetophenone	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
Isophorone	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	660	ug/kg	SW846 8270C
1,3-Dichlorobenzene	ND	660	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
1,4-Dichlorobenzene	ND	660	ug/kg	SW846 8270C
1,2-Dichlorobenzene	ND	660	ug/kg	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	1300	ug/kg	SW846 8270C
1,2,4-Trichloro-benzene	ND	660	ug/kg	SW846 8270C
Tributyl phosphate	ND	660	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(38 - 101)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H13LD1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Phenol-d5	71	(36 - 107)		
Nitrobenzene-d5	65	(41 - 107)		
2-Fluorobiphenyl	67	(44 - 111)		
2,4,6-Tribromophenol	49	(36 - 116)		
Terphenyl-d14	62	(30 - 114)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Fluor Hanford Inc

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: F6C270000-179 B **Work Order #:** H13LD1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown		1300	M	3.1564	ug/kg
Unknown aldol condensate		31000	M	3.6966	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H2G9P1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D030000-293
Prep Date.....: 04/03/06
Analysis Date..: 04/05/06 **Prep Batch #...:** 6093293
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzo(ghi)perylene	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	330	ug/kg	SW846 8270C
Pyrene	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1600	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	330	ug/kg	SW846 8270C
Chrysene	ND	330	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	SW846 8270C
Dibenzo(a,h)anthracene	ND	330	ug/kg	SW846 8270C
Acenaphthene	ND	330	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	1600	ug/kg	SW846 8270C
4-Nitrophenol	ND	1600	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Diethyl phthalate	ND	330	ug/kg	SW846 8270C
Fluorene	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
4-Nitroaniline	ND	1600	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Hexachlorobenzene	ND	330	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Pentachlorophenol	ND	1600	ug/kg	SW846 8270C
Phenanthrene	ND	330	ug/kg	SW846 8270C
Naphthalene	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	330	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H2G9P1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4-Chloro-3-methylphenol	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	330	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	1600	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	330	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	330	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
3-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Benzaldehyde	ND	330	ug/kg	SW846 8270C
Phenol	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	330	ug/kg	SW846 8270C
2-Methylphenol	ND	330	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Nitrobenzene	ND	330	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
2-Nitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
1,3-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	330	ug/kg	SW846 8270C
1,4-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,2-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	660	ug/kg	SW846 8270C
1,2,4-Trichloro-benzene	ND	330	ug/kg	SW846 8270C
Tributyl phosphate	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	65	(38 - 101)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H2G9P1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Phenol-d5	70	(36 - 107)		
Nitrobenzene-d5	66	(41 - 107)		
2-Fluorobiphenyl	67	(44 - 111)		
2,4,6-Tribromophenol	59	(36 - 116)		
Terphenyl-d14	65	(30 - 114)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Fluor Hanford Inc

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: F6D030000-293 B **Work Order #:** H2G9P1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3FWX1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D170000-539

Prep Date.....: 04/17/06
Analysis Date..: 04/25/06 **Prep Batch #...:** 6107539
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzo(ghi)perylene	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	330	ug/kg	SW846 8270C
Pyrene	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1600	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	330	ug/kg	SW846 8270C
Chrysene	ND	330	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	SW846 8270C
Dibenzo(a,h)anthracene	ND	330	ug/kg	SW846 8270C
Acenaphthene	ND	330	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	1600	ug/kg	SW846 8270C
4-Nitrophenol	ND	1600	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Diethyl phthalate	ND	330	ug/kg	SW846 8270C
Fluorene	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
4-Nitroaniline	ND	1600	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Hexachlorobenzene	ND	330	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Pentachlorophenol	ND	1600	ug/kg	SW846 8270C
Phenanthrene	ND	330	ug/kg	SW846 8270C
Naphthalene	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	330	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C

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GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3FWX1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4-Chloro-3-methylphenol	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	330	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	1600	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	330	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	330	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
3-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Benzaldehyde	ND	330	ug/kg	SW846 8270C
Phenol	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	330	ug/kg	SW846 8270C
2-Methylphenol	ND	330	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Nitrobenzene	ND	330	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
2-Nitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
1,3-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	330	ug/kg	SW846 8270C
1,4-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,2-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	660	ug/kg	SW846 8270C
1,2,4-Trichloro-benzene	ND	330	ug/kg	SW846 8270C
Tributyl phosphate	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(38 - 101)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3FWX1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Phenol-d5	81	(36 - 107)		
Nitrobenzene-d5	78	(41 - 107)		
2-Fluorobiphenyl	80	(44 - 111)		
2,4,6-Tribromophenol	63	(36 - 116)		
Terphenyl-d14	79	(30 - 114)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Fluor Hanford Inc

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: F6D170000-539 B **Work Order #:** H3FWX1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		42000	M	3.5287	ug/kg

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 Work Order #...: H13LD1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: F6C270000-179 H13LD1AD-LCSD
Prep Date.....: 03/27/06 Analysis Date..: 03/28/06
Prep Batch #...: 6086179
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzo(ghi)perylene	3330	2140	ug/kg	64		SW846 8270C
	3330	2040	ug/kg	61	4.4	SW846 8270C
Anthracene	3330	2000	ug/kg	60		SW846 8270C
	3330	1940	ug/kg	58	2.7	SW846 8270C
Carbazole	3330	1960	ug/kg	59		SW846 8270C
	3330	1920	ug/kg	58	1.9	SW846 8270C
Di-n-butyl phthalate	3330	2040	ug/kg	61		SW846 8270C
	3330	1990	ug/kg	60	2.7	SW846 8270C
Fluoranthene	3330	1950	ug/kg	59		SW846 8270C
	3330	1890	ug/kg	57	3.3	SW846 8270C
Pyrene	3330	2090	ug/kg	63		SW846 8270C
	3330	2040	ug/kg	61	2.3	SW846 8270C
Butyl benzyl phthalate	3330	2090	ug/kg	63		SW846 8270C
	3330	2040	ug/kg	61	2.6	SW846 8270C
3,3'-Dichlorobenzidine	3330	1680	ug/kg	50		SW846 8270C
	3330	1670	ug/kg	50	0.59	SW846 8270C
Benzo(a)anthracene	3330	2130	ug/kg	64		SW846 8270C
	3330	2090	ug/kg	63	2.2	SW846 8270C
Chrysene	3330	2080	ug/kg	62		SW846 8270C
	3330	2020	ug/kg	61	2.9	SW846 8270C
bis(2-Ethylhexyl) phthalate	3330	2120	ug/kg	64		SW846 8270C
	3330	2070	ug/kg	62	2.5	SW846 8270C
Di-n-octyl phthalate	3330	2140	ug/kg	64		SW846 8270C
	3330	2070	ug/kg	62	3.3	SW846 8270C
Benzo(b)fluoranthene	3330	2000	ug/kg	60		SW846 8270C
	3330	1910	ug/kg	57	4.4	SW846 8270C
Benzo(k)fluoranthene	3330	2190	ug/kg	66		SW846 8270C
	3330	2140	ug/kg	64	2.3	SW846 8270C
Benzo(a)pyrene	3330	2080	ug/kg	62		SW846 8270C
	3330	2000	ug/kg	60	4.0	SW846 8270C
Indeno(1,2,3-cd)pyrene	3330	2030	ug/kg	61		SW846 8270C
	3330	1970	ug/kg	59	3.0	SW846 8270C
Dibenzo(a,h)anthracene	3330	2090	ug/kg	63		SW846 8270C
	3330	2010	ug/kg	60	3.8	SW846 8270C
Acenaphthene	3330	2030	ug/kg	61		SW846 8270C
	3330	2000	ug/kg	60	1.6	SW846 8270C
2,4-Dinitrophenol	3330	499 a	ug/kg	15		SW846 8270C
	3330	371 a,p	ug/kg	11	29	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H13LD1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6C270000-179 H13LD1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4-Nitrophenol	3330	1900	ug/kg	57		SW846 8270C
	3330	1860	ug/kg	56	2.1	SW846 8270C
Dibenzofuran	3330	1930	ug/kg	58		SW846 8270C
	3330	1900	ug/kg	57	2.0	SW846 8270C
2,4-Dinitrotoluene	3330	2110	ug/kg	63		SW846 8270C
	3330	2040	ug/kg	61	3.0	SW846 8270C
Diethyl phthalate	3330	2040	ug/kg	61		SW846 8270C
	3330	1990	ug/kg	60	2.2	SW846 8270C
Fluorene	3330	2000	ug/kg	60		SW846 8270C
	3330	1960	ug/kg	59	1.9	SW846 8270C
4-Chlorophenyl phenyl ether	3330	1960	ug/kg	59		SW846 8270C
	3330	1940	ug/kg	58	1.3	SW846 8270C
4-Nitroaniline	3330	2020	ug/kg	61		SW846 8270C
	3330	1960	ug/kg	59	2.8	SW846 8270C
4,6-Dinitro-2-methylphenol	3330	1040	ug/kg	31		SW846 8270C
	3330	855 a	ug/kg	26	20	SW846 8270C
N-Nitrosodiphenylamine	3330	2120	ug/kg	63		SW846 8270C
	3330	2070	ug/kg	62	2.3	SW846 8270C
4-Bromophenyl phenyl ether	3330	1990	ug/kg	60		SW846 8270C
	3330	1950	ug/kg	58	2.2	SW846 8270C
Hexachlorobenzene	3330	2040	ug/kg	61		SW846 8270C
	3330	2020	ug/kg	61	1.2	SW846 8270C
Pentachlorophenol	3330	1550	ug/kg	46		SW846 8270C
	3330	1410	ug/kg	42	9.4	SW846 8270C
Phenanthrene	3330	2010	ug/kg	60		SW846 8270C
	3330	1960	ug/kg	59	2.6	SW846 8270C
Naphthalene	3330	1970	ug/kg	59		SW846 8270C
	3330	1940	ug/kg	58	1.1	SW846 8270C
4-Chloroaniline	3330	1510	ug/kg	45		SW846 8270C
	3330	1510	ug/kg	45	0.33	SW846 8270C
Hexachlorobutadiene	3330	1930	ug/kg	58		SW846 8270C
	3330	1900	ug/kg	57	1.4	SW846 8270C
4-Chloro-3-methylphenol	3330	2010	ug/kg	60		SW846 8270C
	3330	1990	ug/kg	60	0.95	SW846 8270C
2-Methylnaphthalene	3330	1870	ug/kg	56		SW846 8270C
	3330	1840	ug/kg	55	1.2	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 Work Order #...: H13LD1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: F6C270000-179 H13LD1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Hexachlorocyclopenta-diene	3330	2470	ug/kg	74		SW846 8270C
	3330	2410	ug/kg	72	2.5	SW846 8270C
2,4,6-Trichloro-phenol	3330	1920	ug/kg	58		SW846 8270C
	3330	1920	ug/kg	58	0.15	SW846 8270C
2,4,5-Trichloro-phenol	3330	1980	ug/kg	59		SW846 8270C
	3330	1940	ug/kg	58	2.0	SW846 8270C
2-Nitroaniline	3330	2040	ug/kg	61		SW846 8270C
	3330	2010	ug/kg	60	1.3	SW846 8270C
Dimethyl phthalate	3330	2010	ug/kg	60		SW846 8270C
	3330	1970	ug/kg	59	1.8	SW846 8270C
2,6-Dinitrotoluene	3330	2110	ug/kg	63		SW846 8270C
	3330	2070	ug/kg	62	2.0	SW846 8270C
Acenaphthylene	3330	2100	ug/kg	63		SW846 8270C
	3330	2070	ug/kg	62	1.2	SW846 8270C
3-Nitroaniline	3330	1790	ug/kg	54		SW846 8270C
	3330	1760	ug/kg	53	1.7	SW846 8270C
Phenol	3330	1970	ug/kg	59		SW846 8270C
	3330	1920	ug/kg	58	2.7	SW846 8270C
bis(2-Chloroethyl)-ether	3330	1940	ug/kg	58		SW846 8270C
	3330	1920	ug/kg	57	1.4	SW846 8270C
2-Chlorophenol	3330	1980	ug/kg	59		SW846 8270C
	3330	1940	ug/kg	58	1.9	SW846 8270C
2-Methylphenol	3330	1880	ug/kg	56		SW846 8270C
	3330	1850	ug/kg	55	1.8	SW846 8270C
2,2'-oxybis(1-Chloropropan	3330	1990	ug/kg	60		SW846 8270C
	3330	1940	ug/kg	58	2.4	SW846 8270C
N-Nitrosodi-n-propyl-amine	3330	2210	ug/kg	66		SW846 8270C
	3330	2190	ug/kg	66	0.77	SW846 8270C
Hexachloroethane	3330	2060	ug/kg	62		SW846 8270C
	3330	2020	ug/kg	60	2.0	SW846 8270C
Nitrobenzene	3330	2060	ug/kg	62		SW846 8270C
	3330	2030	ug/kg	61	1.5	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H13LD1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6C270000-179 H13LD1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Isophorone	**3330**	**2080**	**ug/kg**	**62**		**SW846 8270C**
	3330	**2050**	**ug/kg**	**62**	**1.4**	**SW846 8270C**
2-Nitrophenol	**3330**	**2020**	**ug/kg**	**61**		**SW846 8270C**
	3330	**1990**	**ug/kg**	**60**	**1.5**	**SW846 8270C**
2,4-Dimethylphenol	**3330**	**1930**	**ug/kg**	**58**		**SW846 8270C**
	3330	**1910**	**ug/kg**	**57**	**1.4**	**SW846 8270C**
bis(2-Chloroethoxy) methane	**3330**	**2120**	**ug/kg**	**64**		**SW846 8270C**
	3330	**2080**	**ug/kg**	**62**	**2.0**	**SW846 8270C**
2,4-Dichlorophenol	**3330**	**1950**	**ug/kg**	**58**		**SW846 8270C**
	3330	**1920**	**ug/kg**	**58**	**1.6**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3330**	**1970**	**ug/kg**	**59**		**SW846 8270C**
	3330	**1930**	**ug/kg**	**58**	**1.8**	**SW846 8270C**
1,2,4-Trichloro-benzene	**3330**	**1990**	**ug/kg**	**60**		**SW846 8270C**
	3330	**1970**	**ug/kg**	**59**	**0.96**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	64	(44 - 101)
	61	(44 - 101)
Phenol-d5	63	(46 - 101)
	60	(46 - 101)
Nitrobenzene-d5	62	(45 - 108)
	59	(45 - 108)
2-Fluorobiphenyl	63	(50 - 114)
	61	(50 - 114)
2,4,6-Tribromophenol	59	(48 - 112)
	57	(48 - 112)
Terphenyl-d14	56	(37 - 115)
	55	(37 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 Work Order #...: H2G9P1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: F6D030000-293 H2G9P1AD-LCSD
Prep Date.....: 04/03/06 Analysis Date..: 04/05/06
Prep Batch #...: 6093293
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzo(ghi)perylene	3330	2230	ug/kg	67		SW846 8270C
	3330	2420	ug/kg	73	8.4	SW846 8270C
Anthracene	3330	2120	ug/kg	64		SW846 8270C
	3330	2310	ug/kg	69	8.9	SW846 8270C
Carbazole	3330	2080	ug/kg	63		SW846 8270C
	3330	2260	ug/kg	68	8.2	SW846 8270C
Di-n-butyl phthalate	3330	2160	ug/kg	65		SW846 8270C
	3330	2350	ug/kg	70	8.1	SW846 8270C
Fluoranthene	3330	2070	ug/kg	62		SW846 8270C
	3330	2260	ug/kg	68	8.8	SW846 8270C
Pyrene	3330	2200	ug/kg	66		SW846 8270C
	3330	2370	ug/kg	71	7.3	SW846 8270C
Butyl benzyl phthalate	3330	2180	ug/kg	65		SW846 8270C
	3330	2370	ug/kg	71	8.2	SW846 8270C
3,3'-Dichlorobenzidine	3330	1740	ug/kg	52		SW846 8270C
	3330	1700	ug/kg	51	2.4	SW846 8270C
Benzo(a)anthracene	3330	2280	ug/kg	68		SW846 8270C
	3330	2440	ug/kg	73	6.9	SW846 8270C
Chrysene	3330	2190	ug/kg	66		SW846 8270C
	3330	2350	ug/kg	71	7.2	SW846 8270C
bis(2-Ethylhexyl) phthalate	3330	2210	ug/kg	66		SW846 8270C
	3330	2370	ug/kg	71	6.9	SW846 8270C
Di-n-octyl phthalate	3330	2200	ug/kg	66		SW846 8270C
	3330	2360	ug/kg	71	7.0	SW846 8270C
Benzo(b)fluoranthene	3330	2060	ug/kg	62		SW846 8270C
	3330	2340	ug/kg	70	13	SW846 8270C
Benzo(k)fluoranthene	3330	2340	ug/kg	70		SW846 8270C
	3330	2400	ug/kg	72	2.5	SW846 8270C
Benzo(a)pyrene	3330	2200	ug/kg	66		SW846 8270C
	3330	2370	ug/kg	71	7.6	SW846 8270C
Indeno(1,2,3-cd)pyrene	3330	2120	ug/kg	64		SW846 8270C
	3330	2270	ug/kg	68	7.1	SW846 8270C
Dibenzo(a,h)anthracene	3330	2220	ug/kg	67		SW846 8270C
	3330	2440	ug/kg	73	9.5	SW846 8270C
Acenaphthene	3330	2130	ug/kg	64		SW846 8270C
	3330	2320	ug/kg	70	8.6	SW846 8270C
2,4-Dinitrophenol	3330	811	ug/kg	24		SW846 8270C
	3330	1190 p	ug/kg	36	38	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 Work Order #...: H2G9P1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: F6D030000-293 H2G9P1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4-Nitrophenol	3330	2090	ug/kg	63		SW846 8270C
	3330	2250	ug/kg	68	7.4	SW846 8270C
Dibenzofuran	3330	2060	ug/kg	62		SW846 8270C
	3330	2250	ug/kg	67	8.9	SW846 8270C
2,4-Dinitrotoluene	3330	2240	ug/kg	67		SW846 8270C
	3330	2430	ug/kg	73	8.2	SW846 8270C
Diethyl phthalate	3330	2170	ug/kg	65		SW846 8270C
	3330	2340	ug/kg	70	7.6	SW846 8270C
Fluorene	3330	2140	ug/kg	64		SW846 8270C
	3330	2320	ug/kg	69	8.1	SW846 8270C
4-Chlorophenyl phenyl ether	3330	2150	ug/kg	65		SW846 8270C
	3330	2350	ug/kg	70	8.6	SW846 8270C
4-Nitroaniline	3330	2140	ug/kg	64		SW846 8270C
	3330	2280	ug/kg	68	6.4	SW846 8270C
4,6-Dinitro-2-methylphenol	3330	1310	ug/kg	39		SW846 8270C
	3330	1690 p	ug/kg	51	26	SW846 8270C
N-Nitrosodiphenylamine	3330	2220	ug/kg	67		SW846 8270C
	3330	2420	ug/kg	72	8.4	SW846 8270C
4-Bromophenyl phenyl ether	3330	2150	ug/kg	65		SW846 8270C
	3330	2350	ug/kg	71	8.9	SW846 8270C
Hexachlorobenzene	3330	2250	ug/kg	67		SW846 8270C
	3330	2440	ug/kg	73	8.0	SW846 8270C
Pentachlorophenol	3330	1700	ug/kg	51		SW846 8270C
	3330	1950	ug/kg	58	13	SW846 8270C
Phenanthrene	3330	2130	ug/kg	64		SW846 8270C
	3330	2320	ug/kg	70	8.6	SW846 8270C
Naphthalene	3330	2090	ug/kg	63		SW846 8270C
	3330	2310	ug/kg	69	10	SW846 8270C
4-Chloroaniline	3330	1530	ug/kg	46		SW846 8270C
	3330	1350	ug/kg	41	12	SW846 8270C
Hexachlorobutadiene	3330	2100	ug/kg	63		SW846 8270C
	3330	2360	ug/kg	71	12	SW846 8270C
4-Chloro-3-methylphenol	3330	2210	ug/kg	66		SW846 8270C
	3330	2400	ug/kg	72	8.2	SW846 8270C
2-Methylnaphthalene	3330	1980	ug/kg	59		SW846 8270C
	3330	2200	ug/kg	66	10	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 Work Order #...: H2G9P1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: F6D030000-293 H2G9P1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Hexachlorocyclopenta-diene	3330	2620	ug/kg	78		SW846 8270C
	3330	2950	ug/kg	88	12	SW846 8270C
2,4,6-Trichloro-phenol	3330	2110	ug/kg	63		SW846 8270C
	3330	2320	ug/kg	70	9.6	SW846 8270C
2,4,5-Trichloro-phenol	3330	2180	ug/kg	65		SW846 8270C
	3330	2350	ug/kg	71	7.8	SW846 8270C
2-Nitroaniline	3330	2150	ug/kg	64		SW846 8270C
	3330	2300	ug/kg	69	7.0	SW846 8270C
Dimethyl phthalate	3330	2160	ug/kg	65		SW846 8270C
	3330	2320	ug/kg	70	7.4	SW846 8270C
2,6-Dinitrotoluene	3330	2230	ug/kg	67		SW846 8270C
	3330	2440	ug/kg	73	9.0	SW846 8270C
Acenaphthylene	3330	2230	ug/kg	67		SW846 8270C
	3330	2420	ug/kg	73	8.5	SW846 8270C
3-Nitroaniline	3330	1800	ug/kg	54		SW846 8270C
	3330	1780	ug/kg	53	1.2	SW846 8270C
Phenol	3330	2050	ug/kg	62		SW846 8270C
	3330	2280	ug/kg	68	11	SW846 8270C
bis(2-Chloroethyl)-ether	3330	2010	ug/kg	60		SW846 8270C
	3330	2260	ug/kg	68	12	SW846 8270C
2-Chlorophenol	3330	2050	ug/kg	61		SW846 8270C
	3330	2270	ug/kg	68	10	SW846 8270C
2-Methylphenol	3330	1980	ug/kg	59		SW846 8270C
	3330	2170	ug/kg	65	9.4	SW846 8270C
2,2'-oxybis(1-Chloropropan	3330	2000	ug/kg	60		SW846 8270C
	3330	2200	ug/kg	66	9.4	SW846 8270C
N-Nitrosodi-n-propyl-amine	3330	2240	ug/kg	67		SW846 8270C
	3330	2500	ug/kg	75	11	SW846 8270C
Hexachloroethane	3330	2160	ug/kg	65		SW846 8270C
	3330	2410	ug/kg	72	11	SW846 8270C
Nitrobenzene	3330	2180	ug/kg	65		SW846 8270C
	3330	2420	ug/kg	73	11	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H2G9P1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D030000-293 H2G9P1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Isophorone	**3330**	**2240**	**ug/kg**	**67**		**SW846 8270C**
	3330	**2490**	**ug/kg**	**75**	**11**	**SW846 8270C**
2-Nitrophenol	**3330**	**2140**	**ug/kg**	**64**		**SW846 8270C**
	3330	**2420**	**ug/kg**	**72**	**12**	**SW846 8270C**
2,4-Dimethylphenol	**3330**	**2010**	**ug/kg**	**60**		**SW846 8270C**
	3330	**2260**	**ug/kg**	**68**	**11**	**SW846 8270C**
bis(2-Chloroethoxy) methane	**3330**	**2230**	**ug/kg**	**67**		**SW846 8270C**
	3330	**2510**	**ug/kg**	**75**	**12**	**SW846 8270C**
2,4-Dichlorophenol	**3330**	**2080**	**ug/kg**	**62**		**SW846 8270C**
	3330	**2320**	**ug/kg**	**70**	**11**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3330**	**2000**	**ug/kg**	**60**		**SW846 8270C**
	3330	**2220**	**ug/kg**	**67**	**11**	**SW846 8270C**
1,2,4-Trichloro-benzene	**3330**	**2150**	**ug/kg**	**64**		**SW846 8270C**
	3330	**2410**	**ug/kg**	**72**	**11**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	65	(44 - 101)
	72	(44 - 101)
Phenol-d5	64	(46 - 101)
	70	(46 - 101)
Nitrobenzene-d5	65	(45 - 108)
	72	(45 - 108)
2-Fluorobiphenyl	67	(50 - 114)
	73	(50 - 114)
2,4,6-Tribromophenol	67	(48 - 112)
	72	(48 - 112)
Terphenyl-d14	63	(37 - 115)
	67	(37 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 Work Order #...: H3FWX1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: F6D170000-539 H3FWX1AD-LCSD
Prep Date.....: 04/17/06 Analysis Date..: 04/25/06
Prep Batch #...: 6107539
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzo(ghi)perylene	3330	2670	ug/kg	80		SW846 8270C
	3330	2810	ug/kg	84	5.3	SW846 8270C
Anthracene	3330	2630	ug/kg	79		SW846 8270C
	3330	2750	ug/kg	82	4.4	SW846 8270C
Carbazole	3330	2560	ug/kg	77		SW846 8270C
	3330	2670	ug/kg	80	4.5	SW846 8270C
Di-n-butyl phthalate	3330	2670	ug/kg	80		SW846 8270C
	3330	2760	ug/kg	83	3.3	SW846 8270C
Fluoranthene	3330	2580	ug/kg	77		SW846 8270C
	3330	2670	ug/kg	80	3.4	SW846 8270C
Pyrene	3330	2710	ug/kg	81		SW846 8270C
	3330	2820	ug/kg	85	3.9	SW846 8270C
Butyl benzyl phthalate	3330	2720	ug/kg	82		SW846 8270C
	3330	2830	ug/kg	85	4.0	SW846 8270C
3,3'-Dichlorobenzidine	3330	2230	ug/kg	67		SW846 8270C
	3330	2350	ug/kg	71	5.2	SW846 8270C
Benzo(a)anthracene	3330	2820	ug/kg	84		SW846 8270C
	3330	2930	ug/kg	88	3.9	SW846 8270C
Chrysene	3330	2750	ug/kg	83		SW846 8270C
	3330	2860	ug/kg	86	4.0	SW846 8270C
bis(2-Ethylhexyl) phthalate	3330	2750	ug/kg	82		SW846 8270C
	3330	2830	ug/kg	85	3.0	SW846 8270C
Di-n-octyl phthalate	3330	2800	ug/kg	84		SW846 8270C
	3330	2930	ug/kg	88	4.7	SW846 8270C
Benzo(b)fluoranthene	3330	2610	ug/kg	78		SW846 8270C
	3330	2890	ug/kg	87	10	SW846 8270C
Benzo(k)fluoranthene	3330	2970	ug/kg	89		SW846 8270C
	3330	2960	ug/kg	89	0.20	SW846 8270C
Benzo(a)pyrene	3330	2760	ug/kg	83		SW846 8270C
	3330	2880	ug/kg	86	4.2	SW846 8270C
Indeno(1,2,3-cd)pyrene	3330	2630	ug/kg	79		SW846 8270C
	3330	2820	ug/kg	85	6.9	SW846 8270C
Dibenzo(a,h)anthracene	3330	2710	ug/kg	81		SW846 8270C
	3330	2840	ug/kg	85	4.7	SW846 8270C
Acenaphthene	3330	2570	ug/kg	77		SW846 8270C
	3330	2710	ug/kg	81	5.3	SW846 8270C
2,4-Dinitrophenol	3330	1610	ug/kg	48		SW846 8270C
	3330	1390	ug/kg	42	14	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3FWX1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D170000-539 H3FWX1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4-Nitrophenol	3330	2460	ug/kg	74		SW846 8270C
	3330	2590	ug/kg	78	5.2	SW846 8270C
Dibenzofuran	3330	2470	ug/kg	74		SW846 8270C
	3330	2610	ug/kg	78	5.6	SW846 8270C
2,4-Dinitrotoluene	3330	2590	ug/kg	78		SW846 8270C
	3330	2730	ug/kg	82	5.4	SW846 8270C
Diethyl phthalate	3330	2630	ug/kg	79		SW846 8270C
	3330	2770	ug/kg	83	5.3	SW846 8270C
Fluorene	3330	2580	ug/kg	77		SW846 8270C
	3330	2710	ug/kg	81	4.8	SW846 8270C
4-Chlorophenyl phenyl ether	3330	2560	ug/kg	77		SW846 8270C
	3330	2740	ug/kg	82	6.8	SW846 8270C
4-Nitroaniline	3330	2390	ug/kg	72		SW846 8270C
	3330	2530	ug/kg	76	5.5	SW846 8270C
4,6-Dinitro-2-methylphenol	3330	2260	ug/kg	68		SW846 8270C
	3330	2140	ug/kg	64	5.7	SW846 8270C
N-Nitrosodiphenylamine	3330	2770	ug/kg	83		SW846 8270C
	3330	2890	ug/kg	87	4.3	SW846 8270C
4-Bromophenyl phenyl ether	3330	2670	ug/kg	80		SW846 8270C
	3330	2780	ug/kg	83	4.0	SW846 8270C
Hexachlorobenzene	3330	2700	ug/kg	81		SW846 8270C
	3330	2820	ug/kg	85	4.4	SW846 8270C
Pentachlorophenol	3330	2020	ug/kg	61		SW846 8270C
	3330	2080	ug/kg	63	2.9	SW846 8270C
Phenanthrene	3330	2640	ug/kg	79		SW846 8270C
	3330	2740	ug/kg	82	3.4	SW846 8270C
Naphthalene	3330	2470	ug/kg	74		SW846 8270C
	3330	2570	ug/kg	77	4.1	SW846 8270C
4-Chloroaniline	3330	1830	ug/kg	55		SW846 8270C
	3330	1890	ug/kg	57	3.3	SW846 8270C
Hexachlorobutadiene	3330	2530	ug/kg	76		SW846 8270C
	3330	2650	ug/kg	80	4.7	SW846 8270C
4-Chloro-3-methylphenol	3330	2430	ug/kg	73		SW846 8270C
	3330	2560	ug/kg	77	5.1	SW846 8270C
2-Methylnaphthalene	3330	2380	ug/kg	71		SW846 8270C
	3330	2460	ug/kg	74	3.3	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 Work Order #...: H3FWX1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: F6D170000-539 H3FWX1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Hexachlorocyclopenta-diene	3330	3210	ug/kg	96		SW846 8270C
	3330	3420	ug/kg	103	6.3	SW846 8270C
2,4,6-Trichloro-phenol	3330	2480	ug/kg	74		SW846 8270C
	3330	2650	ug/kg	79	6.7	SW846 8270C
2,4,5-Trichloro-phenol	3330	2490	ug/kg	75		SW846 8270C
	3330	2640	ug/kg	79	5.9	SW846 8270C
2-Nitroaniline	3330	2520	ug/kg	76		SW846 8270C
	3330	2670	ug/kg	80	5.7	SW846 8270C
Dimethyl phthalate	3330	2510	ug/kg	75		SW846 8270C
	3330	2660	ug/kg	80	5.7	SW846 8270C
2,6-Dinitrotoluene	3330	2590	ug/kg	78		SW846 8270C
	3330	2740	ug/kg	82	5.5	SW846 8270C
Acenaphthylene	3330	2680	ug/kg	80		SW846 8270C
	3330	2810	ug/kg	84	5.0	SW846 8270C
3-Nitroaniline	3330	2080	ug/kg	62		SW846 8270C
	3330	2190	ug/kg	66	5.0	SW846 8270C
Phenol	3330	2370	ug/kg	71		SW846 8270C
	3330	2460	ug/kg	74	3.6	SW846 8270C
bis(2-Chloroethyl)-ether	3330	2460	ug/kg	74		SW846 8270C
	3330	2560	ug/kg	77	4.0	SW846 8270C
2-Chlorophenol	3330	2410	ug/kg	72		SW846 8270C
	3330	2520	ug/kg	76	4.5	SW846 8270C
2-Methylphenol	3330	2490	ug/kg	75		SW846 8270C
	3330	2530	ug/kg	76	1.5	SW846 8270C
2,2'-oxybis(1-Chloropropan	3330	2560	ug/kg	77		SW846 8270C
	3330	2650	ug/kg	80	3.3	SW846 8270C
N-Nitrosodi-n-propyl-amine	3330	2730	ug/kg	82		SW846 8270C
	3330	2810	ug/kg	84	3.1	SW846 8270C
Hexachloroethane	3330	2430	ug/kg	73		SW846 8270C
	3330	2560	ug/kg	77	5.2	SW846 8270C
Nitrobenzene	3330	2570	ug/kg	77		SW846 8270C
	3330	2690	ug/kg	81	4.4	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3FWX1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D170000-539 H3FWX1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Isophorone	**3330**	**2580**	**ug/kg**	**77**		**SW846 8270C**
	3330	**2690**	**ug/kg**	**81**	**4.3**	**SW846 8270C**
2-Nitrophenol	**3330**	**2470**	**ug/kg**	**74**		**SW846 8270C**
	3330	**2610**	**ug/kg**	**78**	**5.6**	**SW846 8270C**
2,4-Dimethylphenol	**3330**	**2480**	**ug/kg**	**74**		**SW846 8270C**
	3330	**2570**	**ug/kg**	**77**	**3.6**	**SW846 8270C**
bis(2-Chloroethoxy) methane	**3330**	**2620**	**ug/kg**	**79**		**SW846 8270C**
	3330	**2750**	**ug/kg**	**82**	**4.9**	**SW846 8270C**
2,4-Dichlorophenol	**3330**	**2400**	**ug/kg**	**72**		**SW846 8270C**
	3330	**2520**	**ug/kg**	**76**	**5.0**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3330**	**2430**	**ug/kg**	**73**		**SW846 8270C**
	3330	**2520**	**ug/kg**	**76**	**3.5**	**SW846 8270C**
1,2,4-Trichloro-benzene	**3330**	**2520**	**ug/kg**	**75**		**SW846 8270C**
	3330	**2630**	**ug/kg**	**79**	**4.6**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(44 - 101)
	77	(44 - 101)
Phenol-d5	77	(46 - 101)
	78	(46 - 101)
Nitrobenzene-d5	77	(45 - 108)
	79	(45 - 108)
2-Fluorobiphenyl	81	(50 - 114)
	84	(50 - 114)
2,4,6-Tribromophenol	75	(48 - 112)
	80	(48 - 112)
Terphenyl-d14	74	(37 - 115)
	77	(37 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Fluor Hanford Inc

Client Sample ID: B1HKB3

GC Semivolatiles

Lot-Sample #...: F6C220275-004 **Work Order #...:** H10GV1AE **Matrix.....:** SOLID
Date Sampled...: 03/13/06 **Date Received..:** 03/22/06
Prep Date.....: 03/27/06 **Analysis Date..:** 03/29/06
Prep Batch #...: 6086488
Dilution Factor: 1
% Moisture.....: 4.5 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH - Diesel Range - WTPH-D	ND	79	mg/kg	1.6
Kerosene	ND	79	mg/kg	0.52

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	56	(35 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK27

GC Semivolatiles

Lot-Sample #...: F6D030105-001 **Work Order #...:** H2GLR1AE **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
Prep Date.....: 04/03/06 **Analysis Date..:** 04/04/06
Prep Batch #...: 6093294
Dilution Factor: 1
% Moisture.....: 5.6 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH - Diesel Range - WTPH-D	ND	26	mg/kg	1.6
Kerosene	ND	26	mg/kg	0.53

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	73	(35 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK32

GC Semivolatiles

Lot-Sample #...: F6D030105-002 **Work Order #...:** H2GME1AE **Matrix.....:** SOLID
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
Prep Date.....: 04/03/06 **Analysis Date..:** 04/04/06
Prep Batch #...: 6093294
Dilution Factor: 1
% Moisture.....: 5.6 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH - Diesel Range - WTPH-D	ND	26	mg/kg	1.6
Kerosene	ND	26	mg/kg	0.53

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	123	(35 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK52

GC Semivolatiles

Lot-Sample #...: F6D170197-002 **Work Order #...:** H3FF51D7 **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06
Prep Date.....: 04/17/06 **Analysis Date..:** 05/01/06
Prep Batch #...: 6107541
Dilution Factor: 1
% Moisture.....: 7.4 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH - Diesel Range - WTPH-D	ND	27	mg/kg	1.6
Kerosene	ND	27	mg/kg	0.54

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	68	(35 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK47

GC Semivolatiles

Lot-Sample #...: F6D170197-005 **Work Order #...:** H3FGG1CX **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
Prep Date.....: 04/18/06 **Analysis Date..:** 05/01/06
Prep Batch #...: 6108517
Dilution Factor: 1
% Moisture.....: 6.3 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH - Diesel Range - WTPH-D	ND	27	mg/kg	1.6
Kerosene	ND	27	mg/kg	0.53

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	65	(35 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HL22

GC Semivolatiles

Lot-Sample #...: F6F130266-001 **Work Order #...:** H7AHE1AA **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 06/13/06
Prep Date.....: 06/14/06 **Analysis Date..:** 06/19/06
Prep Batch #...: 6165449
Dilution Factor: 1
% Moisture.....: 7.9 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH - Diesel Range - WTPH-D	ND	39	mg/kg	1.7
Kerosene	ND	39	mg/kg	0.54

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	61	(35 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H13LJ1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6C270000-488

Prep Date.....: 03/27/06
Analysis Date..: 03/29/06 **Prep Batch #...:** 6086488
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Kerosene	ND	75	mg/kg	SW846 8015 MOD
TPH - Diesel Range - WTPH	ND	75	mg/kg	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	58	(35 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H2HAL1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D030000-294

Prep Date.....: 04/03/06
Analysis Date..: 04/04/06 **Prep Batch #...:** 6093294
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Kerosene	ND	25	mg/kg	SW846 8015 MOD
TPH - Diesel Range - WTPH	ND	25	mg/kg	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	62	(35 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3FW41AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D170000-541

Prep Date.....: 04/17/06
Analysis Date..: 05/01/06 **Prep Batch #...:** 6107541
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Kerosene	ND	25	mg/kg	SW846 8015 MOD
TPH - Diesel Range - WTPH	ND	25	mg/kg	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	56	(35 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3H4X1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D180000-517
Prep Date.....: 04/18/06
Analysis Date..: 05/01/06 **Prep Batch #...:** 6108517
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Kerosene	ND	25	mg/kg	SW846 8015 MOD
TPH - Diesel Range - WTPH	ND	25	mg/kg	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	70	(35 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H7D0F1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6F140000-449

Prep Date.....: 06/14/06
Analysis Date..: 06/19/06 **Prep Batch #...:** 6165449
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Kerosene	ND	36	mg/kg	SW846 8015 MOD
TPH - Diesel Range - WTPH	ND	36	mg/kg	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	65	(35 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H13LJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6C270000-488 H13LJ1AD-LCSD
Prep Date.....: 03/27/06 **Analysis Date..:** 03/29/06
Prep Batch #...: 6086488
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH - Diesel Range - WTPH-	**83.3**	**60.1**	**mg/kg**	**72**		**SW846 8015 MOD**
	83.3	**62.0**	**mg/kg**	**74**	**3.1**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	88	(69 - 138)
	101	(69 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H2HAL1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D030000-294 H2HAL1AD-LCSD
Prep Date.....: 04/03/06 **Analysis Date..:** 04/04/06
Prep Batch #...: 6093294
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH - Diesel Range - WTPH-	**83.3**	**58.5**	**mg/kg**	**70**		**SW846 8015 MOD**
	83.3	**53.8**	**mg/kg**	**65**	**8.4**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	93	(69 - 138)
	78	(69 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3FW41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D170000-541 H3FW41AD-LCSD
Prep Date.....: 04/17/06 **Analysis Date..:** 05/01/06
Prep Batch #...: 6107541
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH - Diesel Range - WTPH-	**83.3**	**53.7**	**mg/kg**	**64**		**SW846 8015 MOD**
	83.3	**60.7**	**mg/kg**	**73**	**12**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	86	(69 - 138)
	94	(69 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3H4X1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D180000-517 H3H4X1AD-LCSD
Prep Date.....: 04/18/06 **Analysis Date..:** 05/01/06
Prep Batch #...: 6108517
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH - Diesel Range - WTPH-	**83.3**	**61.2**	**mg/kg**	**73**		**SW846 8015 MOD**
	83.3	**60.5**	**mg/kg**	**73**	**1.2**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	94	(69 - 138)
	88	(69 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H7D0F1AC **Matrix.....:** SOLID
LCS Lot-Sample#: F6F140000-449
Prep Date.....: 06/14/06 **Analysis Date..:** 06/19/06
Prep Batch #...: 6165449
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH - Diesel Range - WTPH	**83.3**	**54.9**	**mg/kg**	**66**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	105	(69 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: F6F130266 **Work Order #...:** H7AHE1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: F6F130266-001 H7AHE1AD-MSD
Date Sampled...: 04/06/06 **Date Received..:** 06/13/06
Prep Date.....: 06/14/06 **Analysis Date..:** 06/19/06
Prep Batch #...: 6165449
Dilution Factor: 1 **% Moisture.....:** 7.9

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Diesel Range - WTPH	**ND**	**729**	**488**	**mg/kg**	**67**		**SW846 8015 MOD**
	ND	**791**	**592**	**mg/kg**	**75**	**19**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	102	(35 - 123)
	113	(35 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HKB3

GC Semivolatiles

Lot-Sample #...: F6C220275-004 **Work Order #...:** H10GV1AD **Matrix.....:** SOLID
Date Sampled...: 03/13/06 **Date Received..:** 03/22/06
Prep Date.....: 03/27/06 **Analysis Date..:** 03/30/06
Prep Batch #...: 6086489
Dilution Factor: 1
% Moisture.....: 4.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	69	ug/kg	6.4
Aroclor 1221	ND	69	ug/kg	6.4
Aroclor 1232	ND	69	ug/kg	6.4
Aroclor 1242	ND	69	ug/kg	6.4
Aroclor 1248	ND	69	ug/kg	6.4
Aroclor 1254	ND	69	ug/kg	4.0
Aroclor 1260	ND	69	ug/kg	4.0
Aroclor 1262	ND	69	ug/kg	4.0
Aroclor 1268	ND	69	ug/kg	4.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	129	(44 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK27

GC Semivolatiles

Lot-Sample #...: F6D030105-001 **Work Order #...:** H2GLR1AF **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
Prep Date.....: 04/03/06 **Analysis Date..:** 04/06/06
Prep Batch #...: 6093277
Dilution Factor: 1
% Moisture.....: 5.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	6.5
Aroclor 1221	ND	35	ug/kg	6.5
Aroclor 1232	ND	35	ug/kg	6.5
Aroclor 1242	ND	35	ug/kg	6.5
Aroclor 1248	**270**	**35**	**ug/kg**	**6.5**
Aroclor 1254	ND	35	ug/kg	4.0
Aroclor 1260	ND	35	ug/kg	4.0
Aroclor 1262	ND	35	ug/kg	4.0
Aroclor 1268	ND	35	ug/kg	4.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	121	(44 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK32

GC Semivolatiles

Lot-Sample #...: F6D030105-002 **Work Order #...:** H2GME1AF **Matrix.....:** SOLID
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
Prep Date.....: 04/03/06 **Analysis Date..:** 04/06/06
Prep Batch #...: 6093277
Dilution Factor: 1
% Moisture.....: 5.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	6.5
Aroclor 1221	ND	35	ug/kg	6.5
Aroclor 1232	ND	35	ug/kg	6.5
Aroclor 1242	ND	35	ug/kg	6.5
Aroclor 1248	**1300**	**35**	**ug/kg**	**6.5**
Aroclor 1254	ND	35	ug/kg	4.0
Aroclor 1260	ND	35	ug/kg	4.0
Aroclor 1262	ND	35	ug/kg	4.0
Aroclor 1268	ND	35	ug/kg	4.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	118	(44 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK47

GC Semivolatiles

Lot-Sample #...: F6D170197-005 **Work Order #...:** H3FGG1AE **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
Prep Date.....: 04/17/06 **Analysis Date..:** 05/02/06
Prep Batch #...: 6107543
Dilution Factor: 1
% Moisture.....: 6.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	6.5
Aroclor 1221	ND	35	ug/kg	6.5
Aroclor 1232	ND	35	ug/kg	6.5
Aroclor 1242	ND	35	ug/kg	6.5
Aroclor 1248	ND	35	ug/kg	6.5
Aroclor 1254	ND	35	ug/kg	4.0
Aroclor 1260	ND	35	ug/kg	4.0
Aroclor 1262	ND	35	ug/kg	4.0
Aroclor 1268	ND	35	ug/kg	4.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	126	(44 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HL22

GC Semivolatiles

Lot-Sample #...: F6D170197-007 **Work Order #...:** H3FH41AE **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
Prep Date.....: 04/17/06 **Analysis Date..:** 05/02/06
Prep Batch #...: 6107543
Dilution Factor: 1
% Moisture.....: 7.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	6.7
Aroclor 1221	ND	36	ug/kg	6.7
Aroclor 1232	ND	36	ug/kg	6.7
Aroclor 1242	ND	36	ug/kg	6.7
Aroclor 1248	ND	36	ug/kg	6.7
Aroclor 1254	ND	36	ug/kg	4.1
Aroclor 1260	ND	36	ug/kg	4.1
Aroclor 1262	ND	36	ug/kg	4.1
Aroclor 1268	ND	36	ug/kg	4.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	130	(44 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H13LK1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6C270000-489

Prep Date.....: 03/27/06
Analysis Date..: 03/30/06 **Prep Batch #...:** 6086489
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	66	ug/kg	SW846 8082
Aroclor 1221	ND	66	ug/kg	SW846 8082
Aroclor 1232	ND	66	ug/kg	SW846 8082
Aroclor 1242	ND	66	ug/kg	SW846 8082
Aroclor 1248	ND	66	ug/kg	SW846 8082
Aroclor 1254	ND	66	ug/kg	SW846 8082
Aroclor 1260	ND	66	ug/kg	SW846 8082
Aroclor 1262	ND	66	ug/kg	SW846 8082
Aroclor 1268	ND	66	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	141	(44 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H2G8P1AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D030000-277
Prep Date.....: 04/03/06
Analysis Date..: 04/06/06 **Prep Batch #...:** 6093277
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082
Aroclor 1262	ND	33	ug/kg	SW846 8082
Aroclor 1268	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	119	(44 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3FW61AA **Matrix.....:** SOLID
MB Lot-Sample #: F6D170000-543

Prep Date.....: 04/17/06
Analysis Date..: 05/02/06 **Prep Batch #...:** 6107543
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082
Aroclor 1262	ND	33	ug/kg	SW846 8082
Aroclor 1268	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	124	(44 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H13LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6C270000-489 H13LK1AD-LCSD
Prep Date.....: 03/27/06 **Analysis Date..:** 03/30/06
Prep Batch #...: 6086489
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**167**	**201**	**ug/kg**	**121**		**SW846 8082**
	167	**184**	**ug/kg**	**110**	**9.0**	**SW846 8082**
Aroclor 1260	**167**	**206**	**ug/kg**	**123**		**SW846 8082**
	167	**187**	**ug/kg**	**112**	**9.4**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	142	(66 - 159)
	127	(66 - 159)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H2G8P1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D030000-277 H2G8P1AD-LCSD
Prep Date.....: 04/03/06 **Analysis Date..:** 04/06/06
Prep Batch #...: 6093277
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**167**	**192**	**ug/kg**	**115**		**SW846 8082**
	167	**199**	**ug/kg**	**119**	**3.6**	**SW846 8082**
Aroclor 1260	**167**	**193**	**ug/kg**	**116**		**SW846 8082**
	167	**202**	**ug/kg**	**121**	**4.8**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	119	(66 - 159)
	125	(66 - 159)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: W04890 **Work Order #...:** H3FW61AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: F6D170000-543 H3FW61AD-LCSD
Prep Date.....: 04/17/06 **Analysis Date..:** 05/02/06
Prep Batch #...: 6107543
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**167**	**165**	**ug/kg**	**99**		**SW846 8082**
	167	**149**	**ug/kg**	**90**	**10**	**SW846 8082**
Aroclor 1260	**167**	**175**	**ug/kg**	**105**		**SW846 8082**
	167	**182**	**ug/kg**	**109**	**4.1**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	123	(66 - 159)
	121	(66 - 159)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Fluor Hanford Inc

Client Sample ID: B1HKB3

TOTAL Metals

Lot-Sample #...: F6C220275-004 **Matrix.....:** SOLID
Date Sampled...: 03/13/06 **Date Received..:** 03/22/06
% Moisture.....: 4.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6086125						
Silver	ND	1.0	mg/kg	SW846 6010B	03/27-03/28/06	H10GV1AF
		Dilution Factor: 1		MDL.....: 0.20		
Aluminum	**6650**	**20.9**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AG**
		Dilution Factor: 1		MDL.....: 6.5		
Arsenic	**5.6**	**1.0**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AH**
		Dilution Factor: 1		MDL.....: 0.29		
Barium	**37.3**	**5.2**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AJ**
		Dilution Factor: 1		MDL.....: 0.52		
Beryllium	**0.31 B**	**0.52**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AK**
		Dilution Factor: 1		MDL.....: 0.058		
Bismuth	**53.6**	**20.9**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AL**
		Dilution Factor: 1		MDL.....: 5.2		
Calcium	**2330 C**	**262**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AM**
		Dilution Factor: 1		MDL.....: 2.6		
Cadmium	**1.2**	**0.52**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AN**
		Dilution Factor: 1		MDL.....: 0.14		
Cobalt	**7.6**	**5.2**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AP**
		Dilution Factor: 1		MDL.....: 0.52		
Chromium	**22.8**	**1.0**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AQ**
		Dilution Factor: 1		MDL.....: 0.37		
Copper	**15.3**	**2.6**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AR**
		Dilution Factor: 1		MDL.....: 0.31		
Iron	**15100 C**	**10.5**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AT**
		Dilution Factor: 1		MDL.....: 0.92		
Potassium	**826**	**523**	**mg/kg**	**SW846 6010B**	**03/27-03/29/06**	**H10GV1AU**
		Dilution Factor: 1		MDL.....: 52.3		
Magnesium	**3710**	**105**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AV**
		Dilution Factor: 1		MDL.....: 12.7		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1HKB3

TOTAL Metals

Lot-Sample #...: F6C220275-004 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**170**	**1.0**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AW**
		Dilution Factor: 1		MDL.....: 0.10		
Sodium	**154**	**105**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1AX**
		Dilution Factor: 1		MDL.....: 10.5		
Nickel	**15.4**	**4.2**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1A0**
		Dilution Factor: 1		MDL.....: 0.79		
Lead	**5.0**	**1.0**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1A1**
		Dilution Factor: 1		MDL.....: 0.12		
Phosphorus	**533**	**52.3**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1A2**
		Dilution Factor: 1		MDL.....: 2.0		
Antimony	**0.70 B**	**1.0**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1A3**
		Dilution Factor: 1		MDL.....: 0.35		
Selenium	**0.31 B**	**1.6**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1A4**
		Dilution Factor: 1		MDL.....: 0.18		
Vanadium	**26.4**	**5.2**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1A5**
		Dilution Factor: 1		MDL.....: 0.71		
Zinc	**35.6 C**	**2.1**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1A6**
		Dilution Factor: 1		MDL.....: 0.21		
Lithium	**8.8**	**5.2**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1CN**
		Dilution Factor: 1		MDL.....: 1.4		
Strontium	**18.3**	**1.0**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H10GV1CP**
		Dilution Factor: 1		MDL.....: 0.10		
Prep Batch #...: 6087108						
Mercury	**81.3**	**34.9**	**ug/kg**	**SW846 7471A**	**03/28/06**	**H10GV1A7**
		Dilution Factor: 1		MDL.....: 7.0		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: B1HK27

TOTAL Metals

Lot-Sample #...: F6D030105-001 **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
% Moisture.....: 5.6

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6093258						
Silver	ND	1.1	mg/kg	SW846 6010B	04/03-04/04/06	H2GLR1AG
		Dilution Factor: 1		MDL.....: 0.21		
Aluminum	**7380**	**21.2**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AH**
		Dilution Factor: 1		MDL.....: 6.6		
Arsenic	**4.3**	**1.1**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AJ**
		Dilution Factor: 1		MDL.....: 0.29		
Barium	**49.3**	**5.3**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AK**
		Dilution Factor: 1		MDL.....: 0.53		
Beryllium	**0.32 B**	**0.53**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AL**
		Dilution Factor: 1		MDL.....: 0.058		
Bismuth	**99.6**	**21.2**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AM**
		Dilution Factor: 1		MDL.....: 5.3		
Calcium	**2240 C**	**265**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AN**
		Dilution Factor: 1		MDL.....: 2.6		
Cadmium	**3.3**	**0.53**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AP**
		Dilution Factor: 1		MDL.....: 0.14		
Cobalt	**6.7**	**5.3**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AQ**
		Dilution Factor: 1		MDL.....: 0.53		
Chromium	**15.2**	**1.1**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AR**
		Dilution Factor: 1		MDL.....: 0.38		
Copper	**11.8**	**2.6**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AT**
		Dilution Factor: 1		MDL.....: 0.32		
Iron	**16500**	**10.6**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AU**
		Dilution Factor: 1		MDL.....: 0.93		
Potassium	**828 C**	**529**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AV**
		Dilution Factor: 1		MDL.....: 52.9		
Lithium	**8.8**	**5.3**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1A8**
		Dilution Factor: 1		MDL.....: 1.4		

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Fluor Hanford Inc

Client Sample ID: B1HK27

TOTAL Metals

Lot-Sample #...: F6D030105-001 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**3880**	**106**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AW**
		Dilution Factor: 1		MDL.....: 12.8		
Manganese	**196**	**1.1**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1AX**
		Dilution Factor: 1		MDL.....: 0.11		
Sodium	**144**	**106**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1A0**
		Dilution Factor: 1		MDL.....: 10.6		
Nickel	**20.0**	**4.2**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1A1**
		Dilution Factor: 1		MDL.....: 0.80		
Lead	**4.6**	**1.1**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1A2**
		Dilution Factor: 1		MDL.....: 0.12		
Phosphorus	**621**	**52.9**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1A3**
		Dilution Factor: 1		MDL.....: 2.0		
Antimony	**0.73 B**	**1.1**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1A4**
		Dilution Factor: 1		MDL.....: 0.35		
Selenium	**0.63 B**	**1.6**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1A5**
		Dilution Factor: 1		MDL.....: 0.18		
Strontium	**19.6**	**1.1**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1A9**
		Dilution Factor: 1		MDL.....: 0.11		
Vanadium	**31.5**	**5.3**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1A6**
		Dilution Factor: 1		MDL.....: 0.71		
Zinc	**39.2 C**	**2.1**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GLR1A7**
		Dilution Factor: 1		MDL.....: 0.21		
Prep Batch #...: 6096052						
Mercury	**180**	**35.3**	**ug/kg**	**SW846 7471A**	**04/06/06**	**H2GLR1CA**
		Dilution Factor: 1		MDL.....: 7.1		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: B1HK32

TOTAL Metals

Lot-Sample #...: F6D030105-002 **Matrix.....:** SOLID
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
% Moisture.....: 5.6

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6093258						
Silver	ND	1.1	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1AG
		Dilution Factor: 1		MDL.....: 0.21		
Aluminum	**7700**	**21.2**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AH**
		Dilution Factor: 1		MDL.....: 6.6		
Arsenic	**4.2**	**1.1**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AJ**
		Dilution Factor: 1		MDL.....: 0.29		
Barium	**55.9**	**5.3**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AK**
		Dilution Factor: 1		MDL.....: 0.53		
Beryllium	**0.31 B**	**0.53**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AL**
		Dilution Factor: 1		MDL.....: 0.058		
Bismuth	**95.7**	**21.2**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AM**
		Dilution Factor: 1		MDL.....: 5.3		
Calcium	**3110 C**	**265**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AN**
		Dilution Factor: 1		MDL.....: 2.6		
Cadmium	**8.2**	**0.53**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AP**
		Dilution Factor: 1		MDL.....: 0.14		
Cobalt	**7.8**	**5.3**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AQ**
		Dilution Factor: 1		MDL.....: 0.53		
Chromium	**14.9**	**1.1**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AR**
		Dilution Factor: 1		MDL.....: 0.38		
Copper	**9.1**	**2.6**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AT**
		Dilution Factor: 1		MDL.....: 0.32		
Iron	**16300**	**10.6**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AU**
		Dilution Factor: 1		MDL.....: 0.93		
Potassium	**1360 C**	**530**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1AV**
		Dilution Factor: 1		MDL.....: 53.0		
Lithium	**10.8**	**5.3**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2GME1A8**
		Dilution Factor: 1		MDL.....: 1.4		

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Fluor Hanford Inc

Client Sample ID: B1HK32

TOTAL Metals

Lot-Sample #...: F6D030105-002 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	4350	106	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1AW
		Dilution Factor: 1		MDL.....: 12.9		
Manganese	245	1.1	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1AX
		Dilution Factor: 1		MDL.....: 0.11		
Sodium	169	106	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1A0
		Dilution Factor: 1		MDL.....: 10.6		
Nickel	14.2	4.2	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1A1
		Dilution Factor: 1		MDL.....: 0.80		
Lead	5.4	1.1	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1A2
		Dilution Factor: 1		MDL.....: 0.12		
Phosphorus	897	53.0	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1A3
		Dilution Factor: 1		MDL.....: 2.0		
Antimony	0.76 B	1.1	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1A4
		Dilution Factor: 1		MDL.....: 0.35		
Selenium	0.66 B	1.6	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1A5
		Dilution Factor: 1		MDL.....: 0.18		
Strontium	15.9	1.1	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1A9
		Dilution Factor: 1		MDL.....: 0.11		
Vanadium	27.3	5.3	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1A6
		Dilution Factor: 1		MDL.....: 0.71		
Zinc	35.6 C	2.1	mg/kg	SW846 6010B	04/03-04/04/06	H2GME1A7
		Dilution Factor: 1		MDL.....: 0.21		

Prep Batch #...: 6096052

Mercury	152	35.3	ug/kg	SW846 7471A	04/06/06	H2GME1CA
		Dilution Factor: 1		MDL.....: 7.1		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: B1HK52

TOTAL Metals

Lot-Sample #...: F6D170197-002 **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06
% Moisture.....: 7.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6108094						
Silver	ND	1.1	mg/kg	SW846 6010B	04/18/06	H3FF51AE
		Dilution Factor: 1		MDL.....: 0.21		
Aluminum	**12100**	**21.6**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AF**
		Dilution Factor: 1		MDL.....: 6.7		
Arsenic	**6.9**	**1.1**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AG**
		Dilution Factor: 1		MDL.....: 0.30		
Barium	**53.1**	**5.4**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AH**
		Dilution Factor: 1		MDL.....: 0.54		
Beryllium	**0.38 B**	**0.54**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AJ**
		Dilution Factor: 1		MDL.....: 0.060		
Bismuth	**97.9**	**21.6**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AK**
		Dilution Factor: 1		MDL.....: 5.4		
Calcium	**2790 C**	**270**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AL**
		Dilution Factor: 1		MDL.....: 2.7		
Cadmium	**6.2**	**0.54**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AM**
		Dilution Factor: 1		MDL.....: 0.15		
Cobalt	**9.4**	**5.4**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AN**
		Dilution Factor: 1		MDL.....: 0.54		
Chromium	**20.2**	**1.1**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AP**
		Dilution Factor: 1		MDL.....: 0.38		
Copper	**12.8**	**2.7**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AQ**
		Dilution Factor: 1		MDL.....: 0.32		
Iron	**16200 C**	**10.8**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AR**
		Dilution Factor: 1		MDL.....: 0.95		
Potassium	**1850**	**540**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51AT**
		Dilution Factor: 1		MDL.....: 54.0		
Lithium	**15.2**	**5.4**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FF51A6**
		Dilution Factor: 1		MDL.....: 1.4		

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Fluor Hanford Inc

Client Sample ID: B1HK52

TOTAL Metals

Lot-Sample #...: F6D170197-002 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	5140	108	mg/kg	SW846 6010B	04/18/06	H3FF51AU
		Dilution Factor: 1		MDL.....: 13.1		
Manganese	288	1.1	mg/kg	SW846 6010B	04/18/06	H3FF51AV
		Dilution Factor: 1		MDL.....: 0.11		
Sodium	1330 C	108	mg/kg	SW846 6010B	04/18/06	H3FF51AW
		Dilution Factor: 1		MDL.....: 10.8		
Nickel	23.3	4.3	mg/kg	SW846 6010B	04/18/06	H3FF51AX
		Dilution Factor: 1		MDL.....: 0.81		
Lead	6.7	1.1	mg/kg	SW846 6010B	04/18/06	H3FF51A0
		Dilution Factor: 1		MDL.....: 0.12		
Phosphorus	704	54.0	mg/kg	SW846 6010B	04/18/06	H3FF51A1
		Dilution Factor: 1		MDL.....: 2.1		
Antimony	1.1	1.1	mg/kg	SW846 6010B	04/18/06	H3FF51A2
		Dilution Factor: 1		MDL.....: 0.36		
Selenium	0.37 B	1.6	mg/kg	SW846 6010B	04/18/06	H3FF51A3
		Dilution Factor: 1		MDL.....: 0.19		
Strontium	18.6	1.1	mg/kg	SW846 6010B	04/18/06	H3FF51A7
		Dilution Factor: 1		MDL.....: 0.11		
Vanadium	30.4	5.4	mg/kg	SW846 6010B	04/18/06	H3FF51A4
		Dilution Factor: 1		MDL.....: 0.73		
Zinc	40.5 C	2.2	mg/kg	SW846 6010B	04/18/06	H3FF51A5
		Dilution Factor: 1		MDL.....: 0.22		
Prep Batch #...: 6109230						
Mercury	799	36.0	ug/kg	SW846 7471A	04/19/06	H3FF51A8
		Dilution Factor: 1		MDL.....: 7.2		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: B1HK47

TOTAL Metals

Lot-Sample #...: F6D170197-005 **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
% Moisture.....: 6.3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6108094						
Silver	ND	1.1	mg/kg	SW846 6010B	04/18/06	H3FGG1AF
		Dilution Factor: 1		MDL.....: 0.21		
Aluminum	**10600**	**21.4**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AG**
		Dilution Factor: 1		MDL.....: 6.6		
Arsenic	**5.5**	**1.1**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AH**
		Dilution Factor: 1		MDL.....: 0.29		
Barium	**44.2**	**5.3**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AJ**
		Dilution Factor: 1		MDL.....: 0.53		
Beryllium	**0.33 B**	**0.53**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AK**
		Dilution Factor: 1		MDL.....: 0.059		
Bismuth	**86.5**	**21.4**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AL**
		Dilution Factor: 1		MDL.....: 5.3		
Calcium	**2650 C**	**267**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AM**
		Dilution Factor: 1		MDL.....: 2.7		
Cadmium	**5.4**	**0.53**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AN**
		Dilution Factor: 1		MDL.....: 0.14		
Cobalt	**8.1**	**5.3**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AP**
		Dilution Factor: 1		MDL.....: 0.53		
Chromium	**16.1**	**1.1**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AQ**
		Dilution Factor: 1		MDL.....: 0.38		
Copper	**11.0**	**2.7**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AR**
		Dilution Factor: 1		MDL.....: 0.32		
Iron	**14400 C**	**10.7**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AT**
		Dilution Factor: 1		MDL.....: 0.94		
Potassium	**1450**	**534**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1AU**
		Dilution Factor: 1		MDL.....: 53.4		
Lithium	**13.0**	**5.3**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FGG1A7**
		Dilution Factor: 1		MDL.....: 1.4		

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Fluor Hanford Inc

Client Sample ID: B1HK47

TOTAL Metals

Lot-Sample #...: F6D170197-005 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	4600	107	mg/kg	SW846 6010B	04/18/06	H3FGG1AV
		Dilution Factor: 1		MDL.....: 13.0		
Manganese	244	1.1	mg/kg	SW846 6010B	04/18/06	H3FGG1AW
		Dilution Factor: 1		MDL.....: 0.11		
Sodium	1110 C	107	mg/kg	SW846 6010B	04/18/06	H3FGG1AX
		Dilution Factor: 1		MDL.....: 10.7		
Nickel	19.9	4.3	mg/kg	SW846 6010B	04/18/06	H3FGG1A0
		Dilution Factor: 1		MDL.....: 0.81		
Lead	4.5	1.1	mg/kg	SW846 6010B	04/18/06	H3FGG1A1
		Dilution Factor: 1		MDL.....: 0.12		
Phosphorus	637	53.4	mg/kg	SW846 6010B	04/18/06	H3FGG1A2
		Dilution Factor: 1		MDL.....: 2.0		
Antimony	0.50 B	1.1	mg/kg	SW846 6010B	04/18/06	H3FGG1A3
		Dilution Factor: 1		MDL.....: 0.35		
Selenium	0.57 B	1.6	mg/kg	SW846 6010B	04/18/06	H3FGG1A4
		Dilution Factor: 1		MDL.....: 0.18		
Strontium	18.6	1.1	mg/kg	SW846 6010B	04/18/06	H3FGG1A8
		Dilution Factor: 1		MDL.....: 0.11		
Vanadium	26.5	5.3	mg/kg	SW846 6010B	04/18/06	H3FGG1A5
		Dilution Factor: 1		MDL.....: 0.72		
Zinc	35.0 C	2.1	mg/kg	SW846 6010B	04/18/06	H3FGG1A6
		Dilution Factor: 1		MDL.....: 0.21		
Prep Batch #...: 6109230						
Mercury	217	35.6	ug/kg	SW846 7471A	04/19/06	H3FGG1A9
		Dilution Factor: 1		MDL.....: 7.1		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: B1HL22

TOTAL Metals

Lot-Sample #...: F6D170197-007 **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
% Moisture.....: 7.9

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6108094						
Silver	ND	1.1	mg/kg	SW846 6010B	04/18/06	H3FH41AF
		Dilution Factor: 1		MDL.....: 0.21		
Aluminum	**10100**	**21.7**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AG**
		Dilution Factor: 1		MDL.....: 6.7		
Arsenic	**5.4**	**1.1**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AH**
		Dilution Factor: 1		MDL.....: 0.30		
Barium	**41.7**	**5.4**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AJ**
		Dilution Factor: 1		MDL.....: 0.54		
Beryllium	**0.35 B**	**0.54**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AK**
		Dilution Factor: 1		MDL.....: 0.060		
Bismuth	**87.8**	**21.7**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AL**
		Dilution Factor: 1		MDL.....: 5.4		
Calcium	**2560 C**	**272**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AM**
		Dilution Factor: 1		MDL.....: 2.7		
Cadmium	**5.2**	**0.54**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AN**
		Dilution Factor: 1		MDL.....: 0.15		
Cobalt	**7.6**	**5.4**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AP**
		Dilution Factor: 1		MDL.....: 0.54		
Chromium	**15.2**	**1.1**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AQ**
		Dilution Factor: 1		MDL.....: 0.39		
Copper	**10.5**	**2.7**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AR**
		Dilution Factor: 1		MDL.....: 0.33		
Iron	**14500 C**	**10.9**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AT**
		Dilution Factor: 1		MDL.....: 0.95		
Potassium	**1350**	**543**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AU**
		Dilution Factor: 1		MDL.....: 54.3		
Lithium	**12.7**	**5.4**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41A7**
		Dilution Factor: 1		MDL.....: 1.4		

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Fluor Hanford Inc

Client Sample ID: B1HL22

TOTAL Metals

Lot-Sample #...: F6D170197-007 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**4450**	**109**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AV**
		Dilution Factor: 1		MDL.....: 13.2		
Manganese	**232**	**1.1**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AW**
		Dilution Factor: 1		MDL.....: 0.11		
Sodium	**1090 C**	**109**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41AX**
		Dilution Factor: 1		MDL.....: 10.9		
Nickel	**18.7**	**4.3**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41A0**
		Dilution Factor: 1		MDL.....: 0.82		
Lead	**4.8**	**1.1**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41A1**
		Dilution Factor: 1		MDL.....: 0.12		
Phosphorus	**628**	**54.3**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41A2**
		Dilution Factor: 1		MDL.....: 2.1		
Antimony	**0.74 B**	**1.1**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41A3**
		Dilution Factor: 1		MDL.....: 0.36		
Selenium	**0.28 B**	**1.6**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41A4**
		Dilution Factor: 1		MDL.....: 0.19		
Strontium	**16.1**	**1.1**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41A8**
		Dilution Factor: 1		MDL.....: 0.11		
Vanadium	**26.0**	**5.4**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41A5**
		Dilution Factor: 1		MDL.....: 0.73		
Zinc	**33.8 C**	**2.2**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3FH41A6**
		Dilution Factor: 1		MDL.....: 0.22		
Prep Batch #...: 6109230						
Mercury	**210**	**36.2**	**ug/kg**	**SW846 7471A**	**04/19/06**	**H3FH41A9**
		Dilution Factor: 1		MDL.....: 7.3		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F6C270000-125 **Prep Batch #...:** 6086125						
Aluminum	ND	20.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AC
		Dilution Factor: 1				
Antimony	ND	1.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AX
		Dilution Factor: 1				
Arsenic	ND	1.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AD
		Dilution Factor: 1				
Barium	ND	5.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AE
		Dilution Factor: 1				
Beryllium	ND	0.50	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AF
		Dilution Factor: 1				
Bismuth	ND	20.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AG
		Dilution Factor: 1				
Cadmium	ND	0.50	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AJ
		Dilution Factor: 1				
Calcium	**5.8 B**	**250**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H12E51AH**
		Dilution Factor: 1				
Chromium	ND	1.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AL
		Dilution Factor: 1				
Cobalt	ND	5.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AK
		Dilution Factor: 1				
Copper	ND	2.5	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AM
		Dilution Factor: 1				
Iron	**2.2 B**	**10.0**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H12E51AN**
		Dilution Factor: 1				
Lead	ND	1.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AV
		Dilution Factor: 1				
Magnesium	ND	100	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AQ
		Dilution Factor: 1				
Manganese	ND	1.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	4.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AU
		Dilution Factor: 1				
Phosphorus	ND	50.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AW
		Dilution Factor: 1				
Potassium	ND	500	mg/kg	SW846 6010B	03/27-03/29/06	H12E51AP
		Dilution Factor: 1				
Selenium	ND	1.5	mg/kg	SW846 6010B	03/27-03/28/06	H12E51A0
		Dilution Factor: 1				
Silver	ND	1.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AA
		Dilution Factor: 1				
Sodium	ND	100	mg/kg	SW846 6010B	03/27-03/28/06	H12E51AT
		Dilution Factor: 1				
Vanadium	ND	5.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51A1
		Dilution Factor: 1				
Zinc	**0.82 B**	**2.0**	**mg/kg**	**SW846 6010B**	**03/27-03/28/06**	**H12E51A2**
		Dilution Factor: 1				
Lithium	ND	5.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51DL
		Dilution Factor: 1				
Strontium	ND	1.0	mg/kg	SW846 6010B	03/27-03/28/06	H12E51DM
		Dilution Factor: 1				

MB Lot-Sample #: F6C280000-108 **Prep Batch #...:** 6087108

Mercury	ND	33.3	ug/kg	SW846 7471A	03/28/06	H13TX1AA
		Dilution Factor: 1				

MB Lot-Sample #: F6D030000-258 **Prep Batch #...:** 6093258

Aluminum	ND	20.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AC
		Dilution Factor: 1				
Antimony	ND	1.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AX
		Dilution Factor: 1				
Arsenic	ND	1.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AD
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium	ND	5.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AE
		Dilution Factor: 1				
Beryllium	ND	0.50	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AF
		Dilution Factor: 1				
Bismuth	ND	20.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AG
		Dilution Factor: 1				
Cadmium	ND	0.50	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AJ
		Dilution Factor: 1				
Calcium	**6.9 B**	**250**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2G5L1AH**
		Dilution Factor: 1				
Chromium	ND	1.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AL
		Dilution Factor: 1				
Cobalt	ND	5.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AK
		Dilution Factor: 1				
Copper	ND	2.5	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AM
		Dilution Factor: 1				
Iron	ND	10.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AN
		Dilution Factor: 1				
Lead	ND	1.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AV
		Dilution Factor: 1				
Lithium	ND	5.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1A3
		Dilution Factor: 1				
Magnesium	ND	100	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AQ
		Dilution Factor: 1				
Manganese	ND	1.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AR
		Dilution Factor: 1				
Nickel	ND	4.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AU
		Dilution Factor: 1				
Phosphorus	ND	50.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AW
		Dilution Factor: 1				
Potassium	**83.8 B**	**500**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2G5L1AP**
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	1.5	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1A0
		Dilution Factor: 1				
Silver	ND	1.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AA
		Dilution Factor: 1				
Sodium	ND	100	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1AT
		Dilution Factor: 1				
Strontium	ND	1.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1A4
		Dilution Factor: 1				
Vanadium	ND	5.0	mg/kg	SW846 6010B	04/03-04/04/06	H2G5L1A1
		Dilution Factor: 1				
Zinc	**1.0 B**	**2.0**	**mg/kg**	**SW846 6010B**	**04/03-04/04/06**	**H2G5L1A2**
		Dilution Factor: 1				

MB Lot-Sample #: F6D060000-052 **Prep Batch #...:** 6096052

Mercury	ND	33.3	ug/kg	SW846 7471A	04/06/06	H2N5W1AA
		Dilution Factor: 1				

MB Lot-Sample #: F6D180000-094 **Prep Batch #...:** 6108094

Aluminum	ND	20.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AC
		Dilution Factor: 1				
Antimony	ND	1.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AX
		Dilution Factor: 1				
Arsenic	ND	1.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AD
		Dilution Factor: 1				
Barium	ND	5.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AE
		Dilution Factor: 1				
Beryllium	ND	0.50	mg/kg	SW846 6010B	04/18/06	H3F8J1AF
		Dilution Factor: 1				
Bismuth	ND	20.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AG
		Dilution Factor: 1				
Cadmium	ND	0.50	mg/kg	SW846 6010B	04/18/06	H3F8J1AJ
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Calcium	**9.4 B**	**250**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3F8J1AH**
		Dilution Factor: 1				
Chromium	ND	1.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AL
		Dilution Factor: 1				
Cobalt	ND	5.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AK
		Dilution Factor: 1				
Copper	ND	2.5	mg/kg	SW846 6010B	04/18/06	H3F8J1AM
		Dilution Factor: 1				
Iron	**1.1 B**	**10.0**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3F8J1AN**
		Dilution Factor: 1				
Lead	ND	1.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AV
		Dilution Factor: 1				
Lithium	ND	5.0	mg/kg	SW846 6010B	04/18/06	H3F8J1A3
		Dilution Factor: 1				
Magnesium	ND	100	mg/kg	SW846 6010B	04/18/06	H3F8J1AQ
		Dilution Factor: 1				
Manganese	ND	1.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AR
		Dilution Factor: 1				
Nickel	ND	4.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AU
		Dilution Factor: 1				
Phosphorus	ND	50.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AW
		Dilution Factor: 1				
Potassium	ND	500	mg/kg	SW846 6010B	04/18/06	H3F8J1AP
		Dilution Factor: 1				
Selenium	ND	1.5	mg/kg	SW846 6010B	04/18/06	H3F8J1A0
		Dilution Factor: 1				
Silver	ND	1.0	mg/kg	SW846 6010B	04/18/06	H3F8J1AA
		Dilution Factor: 1				
Sodium	**10.6 B**	**100**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3F8J1AT**
		Dilution Factor: 1				
Strontium	ND	1.0	mg/kg	SW846 6010B	04/18/06	H3F8J1A4
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	5.0	mg/kg	SW846 6010B	04/18/06	H3F8J1A1
		Dilution Factor: 1				
Zinc	**1.1 B**	**2.0**	**mg/kg**	**SW846 6010B**	**04/18/06**	**H3F8J1A2**
		Dilution Factor: 1				

MB Lot-Sample #: F6D190000-230 **Prep Batch #...:** 6109230

Mercury	ND	33.3	ug/kg	SW846 7471A	04/19/06	H3J801AA
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Aluminum	6320	5600	mg/kg	89		SW846 6010B	03/27-03/28/06	6086125
	6320	5570	mg/kg	88	0.50	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Antimony	60.9	55.7	mg/kg	92		SW846 6010B	03/27-03/28/06	6086125
	60.9	53.3	mg/kg	88	4.5	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Arsenic	161	183	mg/kg	114		SW846 6010B	03/27-03/28/06	6086125
	161	183	mg/kg	113	0.10	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Barium	252	294	mg/kg	117		SW846 6010B	03/27-03/28/06	6086125
	252	285	mg/kg	113	2.9	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Beryllium	94.4	105	mg/kg	112		SW846 6010B	03/27-03/28/06	6086125
	94.4	107	mg/kg	114	1.9	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Bismuth	100	99.3 N	mg/kg	99		SW846 6010B	03/27-03/28/06	6086125
	100	102 N,*	mg/kg	102	2.6	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Cadmium	128	142	mg/kg	111		SW846 6010B	03/27-03/28/06	6086125
	128	145	mg/kg	113	2.5	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Calcium	3320	3570	mg/kg	108		SW846 6010B	03/27-03/28/06	6086125
	3320	3840	mg/kg	116	7.3	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Chromium	69.5	76.1	mg/kg	110		SW846 6010B	03/27-03/28/06	6086125
	69.5	75.5	mg/kg	109	0.84	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Cobalt	35.2	39.2	mg/kg	111		SW846 6010B	03/27-03/28/06	6086125
	35.2	39.4	mg/kg	112	0.42	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Copper	148	168	mg/kg	114		SW846 6010B	03/27-03/28/06	6086125
	148	167	mg/kg	113	0.69	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Iron	11200	12300	mg/kg	110		SW846 6010B	03/27-03/28/06	6086125
	11200	11300	mg/kg	101	8.2	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Lead	142	160	mg/kg	113		SW846 6010B	03/27-03/28/06	6086125
	142	161	mg/kg	113	0.37	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Magnesium	2040	2180	mg/kg	107		SW846 6010B	03/27-03/28/06	6086125
	2040	2150	mg/kg	105	1.4	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Manganese	408	456	mg/kg	112		SW846 6010B	03/27-03/28/06	6086125
	408	449	mg/kg	110	1.4	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Nickel	147	163	mg/kg	111		SW846 6010B	03/27-03/28/06	6086125
	147	163	mg/kg	111	0.07	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Phosphorus	500	500 N	mg/kg	100		SW846 6010B	03/27-03/28/06	6086125
	500	515 N,*	mg/kg	103	2.9	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Potassium	1920	2030	mg/kg	106		SW846 6010B	03/27-03/29/06	6086125
	1920	2040	mg/kg	106	0.47	SW846 6010B	03/27-03/29/06	6086125
			Dilution Factor: 1					
Selenium	64.2	68.7	mg/kg	107		SW846 6010B	03/27-03/28/06	6086125
	64.2	67.6	mg/kg	105	1.6	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Silver	130	161	mg/kg	124		SW846 6010B	03/27-03/28/06	6086125
	130	162	mg/kg	125	0.78	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sodium	445	475	mg/kg	107		SW846 6010B	03/27-03/28/06	6086125
	445	477	mg/kg	107	0.46	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Vanadium	97.3	110	mg/kg	113		SW846 6010B	03/27-03/28/06	6086125
	97.3	106	mg/kg	109	3.7	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Zinc	165	184	mg/kg	112		SW846 6010B	03/27-03/28/06	6086125
	165	184	mg/kg	111	0.05	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Lithium	100	107	mg/kg	107		SW846 6010B	03/27-03/28/06	6086125
	100	110 *	mg/kg	110	2.8	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Strontium	84.0	94.3	mg/kg	112		SW846 6010B	03/27-03/28/06	6086125
	84.0	94.6	mg/kg	113	0.32	SW846 6010B	03/27-03/28/06	6086125
			Dilution Factor: 1					
Mercury	16900	13000	ug/kg	77		SW846 7471A	03/28/06	6087108
	16900	13500	ug/kg	80	4.0	SW846 7471A	03/28/06	6087108
			Dilution Factor: 20					
Aluminum	6320	5020	mg/kg	79		SW846 6010B	04/03-04/04/06	6093258
	6320	5230	mg/kg	83	4.1	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Antimony	60.9	42.4	mg/kg	70		SW846 6010B	04/03-04/04/06	6093258
	60.9	44.0	mg/kg	72	3.8	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Arsenic	161	173	mg/kg	107		SW846 6010B	04/03-04/04/06	6093258
	161	179	mg/kg	111	3.3	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Barium	252	271	mg/kg	108		SW846 6010B	04/03-04/04/06	6093258
	252	279	mg/kg	111	2.7	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Beryllium	94.4	100	mg/kg	106		SW846 6010B	04/03-04/04/06	6093258
	94.4	103	mg/kg	109	2.5	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Bismuth	100	100 N	mg/kg	100		SW846 6010B	04/03-04/04/06	6093258
	100	103 N,*	mg/kg	103	3.3	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Cadmium	128	132	mg/kg	103		SW846 6010B	04/03-04/04/06	6093258
	128	137	mg/kg	107	3.7	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Calcium	3320	3710	mg/kg	112		SW846 6010B	04/03-04/04/06	6093258
	3320	3470	mg/kg	105	6.6	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Chromium	69.5	68.0	mg/kg	98		SW846 6010B	04/03-04/04/06	6093258
	69.5	70.0	mg/kg	101	2.9	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Cobalt	35.2	35.2	mg/kg	100		SW846 6010B	04/03-04/04/06	6093258
	35.2	36.5	mg/kg	104	3.4	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Copper	148	149	mg/kg	101		SW846 6010B	04/03-04/04/06	6093258
	148	154	mg/kg	104	3.2	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Iron	11200	10300	mg/kg	92		SW846 6010B	04/03-04/04/06	6093258
	11200	10400	mg/kg	92	0.21	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Lead	142	147	mg/kg	104		SW846 6010B	04/03-04/04/06	6093258
	142	153	mg/kg	108	3.8	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Lithium	100	98.6	mg/kg	99		SW846 6010B	04/03-04/04/06	6093258
	100	99.9 *	mg/kg	100	1.3	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Magnesium	2040	1940	mg/kg	95		SW846 6010B	04/03-04/04/06	6093258
	2040	2020	mg/kg	99	4.0	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Manganese	408	403	mg/kg	99		SW846 6010B	04/03-04/04/06	6093258
	408	410	mg/kg	101	1.6	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Nickel	147	151	mg/kg	103		SW846 6010B	04/03-04/04/06	6093258
	147	156	mg/kg	106	3.6	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Phosphorus	500	480 N	mg/kg	96		SW846 6010B	04/03-04/04/06	6093258
	500	484 N,*	mg/kg	97	0.85	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Potassium	1920	1570	mg/kg	82		SW846 6010B	04/03-04/04/06	6093258
	1920	1680	mg/kg	88	7.0	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Selenium	64.2	67.2	mg/kg	105		SW846 6010B	04/03-04/04/06	6093258
	64.2	70.2	mg/kg	109	4.4	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Silver	130	150	mg/kg	115		SW846 6010B	04/03-04/04/06	6093258
	130	155	mg/kg	119	3.7	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Sodium	445	437	mg/kg	98		SW846 6010B	04/03-04/04/06	6093258
	445	451	mg/kg	101	3.1	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Strontium	84.0	91.8	mg/kg	109		SW846 6010B	04/03-04/04/06	6093258
	84.0	95.7	mg/kg	114	4.1	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Vanadium	97.3	95.4	mg/kg	98		SW846 6010B	04/03-04/04/06	6093258
	97.3	98.7	mg/kg	101	3.4	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Zinc	165	166	mg/kg	100		SW846 6010B	04/03-04/04/06	6093258
	165	170	mg/kg	103	2.8	SW846 6010B	04/03-04/04/06	6093258
			Dilution Factor: 1					
Aluminum	6320	4730	mg/kg	75		SW846 6010B	04/18/06	6108094
	6320	4960	mg/kg	79	4.9	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Antimony	60.9	38.9	mg/kg	64		SW846 6010B	04/18/06	6108094
	60.9	37.8	mg/kg	62	3.0	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Arsenic	161	164	mg/kg	102		SW846 6010B	04/18/06	6108094
	161	172	mg/kg	107	4.4	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Barium	252	264	mg/kg	105		SW846 6010B	04/18/06	6108094
	252	282	mg/kg	112	6.3	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Beryllium	94.4	100	mg/kg	106		SW846 6010B	04/18/06	6108094
	94.4	106	mg/kg	112	5.9	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Bismuth	100	103 N	mg/kg	103		SW846 6010B	04/18/06	6108094
	100	105 N,*	mg/kg	105	1.2	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Cadmium	128	128	mg/kg	100		SW846 6010B	04/18/06	6108094
	128	138	mg/kg	108	7.4	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Calcium	3320	3330	mg/kg	100		SW846 6010B	04/18/06	6108094
	3320	3490	mg/kg	105	4.6	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Chromium	69.5	66.4	mg/kg	96		SW846 6010B	04/18/06	6108094
	69.5	69.3	mg/kg	100	4.3	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cobalt	35.2	34.4	mg/kg	98		SW846 6010B	04/18/06	6108094
	35.2	36.6	mg/kg	104	5.9	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Copper	148	147	mg/kg	99		SW846 6010B	04/18/06	6108094
	148	157	mg/kg	106	6.5	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Iron	11200	8350	mg/kg	75		SW846 6010B	04/18/06	6108094
	11200	8830	mg/kg	79	5.6	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Lead	142	144	mg/kg	101		SW846 6010B	04/18/06	6108094
	142	148	mg/kg	104	2.5	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Lithium	100	102	mg/kg	102		SW846 6010B	04/18/06	6108094
	100	102 *	mg/kg	102	0.46	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Magnesium	2040	1830	mg/kg	90		SW846 6010B	04/18/06	6108094
	2040	1930	mg/kg	95	5.1	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Manganese	408	387	mg/kg	95		SW846 6010B	04/18/06	6108094
	408	418	mg/kg	102	7.7	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Nickel	147	146	mg/kg	99		SW846 6010B	04/18/06	6108094
	147	156	mg/kg	106	6.6	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Phosphorus	500	477 N	mg/kg	95		SW846 6010B	04/18/06	6108094
	500	476 N,*	mg/kg	95	0.19	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Potassium	1920	1540	mg/kg	80		SW846 6010B	04/18/06	6108094
	1920	1850	mg/kg	97	18	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Selenium	64.2	65.4	mg/kg	102		SW846 6010B	04/18/06	6108094
	64.2	66.5	mg/kg	104	1.8	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Silver	130	146	mg/kg	112		SW846 6010B	04/18/06	6108094
	130	151	mg/kg	116	3.2	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Sodium	445	424	mg/kg	95		SW846 6010B	04/18/06	6108094
	445	452	mg/kg	102	6.4	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Strontium	84.0	84.4	mg/kg	100		SW846 6010B	04/18/06	6108094
	84.0	93.0	mg/kg	111	9.7	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Vanadium	97.3	91.6	mg/kg	94		SW846 6010B	04/18/06	6108094
	97.3	95.8	mg/kg	98	4.4	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					
Zinc	165	158	mg/kg	96		SW846 6010B	04/18/06	6108094
	165	167	mg/kg	101	5.6	SW846 6010B	04/18/06	6108094
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F6D060000-052 **Prep Batch #...:** 6096052							
Mercury	16900	16700	ug/kg	99	SW846 7471A	04/06/06	H2N5W1AC
			Dilution Factor: 20				
LCS Lot-Sample#: F6D190000-230 **Prep Batch #...:** 6109230							
Mercury	16900	16800	ug/kg	100	SW846 7471A	04/19/06	H3J801AC
			Dilution Factor: 20				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: W04890 **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F6D030105-001 **Prep Batch #...:** 6096052									
								% Moisture.....: 5.6	
Mercury									
	180	176	355	ug/kg	99		SW846 7471A	04/06/06	H2GLR1C0
	180	176	381	ug/kg	114	7.2	SW846 7471A	04/06/06	H2GLR1C1

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: W04890 **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06

MS Lot-Sample #: F6D170197-002 **Prep Batch #...:** 6109230
% Moisture.....: 7.4

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	799	180	362 N	ug/kg	0.0		SW846 7471A	04/19/06	H3FF51C1
	799	180	383 N	ug/kg	0.0	0.0	SW846 7471A	04/19/06	H3FF51C2

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HKB1

General Chemistry

Lot-Sample #...: F6C220275-002 **Work Order #...:** H1QXA **Matrix.....:** SOLID
Date Sampled...: 03/13/06 **Date Received..:** 03/22/06
% Moisture.....: 4.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	4.5	0.10	%	MCAWW 160.3 MOD	03/29/06	6088211

Dilution Factor: 1 MDL.....:

Fluor Hanford Inc

Client Sample ID: B1HKB3

General Chemistry

Lot-Sample #...: F6C220275-004 **Work Order #...:** H10GV **Matrix.....:** SOLID
Date Sampled...: 03/13/06 **Date Received..:** 03/22/06
% Moisture.....: 4.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phosphate as P, Ortho	**2.5 B**	**5.2**	**mg/kg**	**SW846 9056A**	**03/29-03/30/06**	**6089292**
		Dilution Factor: 1		MDL.....: 0.20		
Cation Exchange Capacity	**4.8 B**	**5.0**	**meq/100g**	**SW846 9081**	**03/28-03/30/06**	**6087165**
		Dilution Factor: 10		MDL.....:		
Chloride	**7.0**	**2.1**	**mg/kg**	**SW846 9056A**	**03/29-03/30/06**	**6089290**
		Dilution Factor: 1		MDL.....: 0.26		
Fluoride	**2.3**	**1.0**	**mg/kg**	**SW846 9056A**	**03/29-03/30/06**	**6089291**
		Dilution Factor: 1		MDL.....: 0.053		
Hexavalent Chromium	**0.45**	**0.42**	**mg/kg**	**SW846 7196A**	**03/31/06**	**6090384**
		Dilution Factor: 1		MDL.....: 0.15		
Nitrate	**27.9**	**2.1**	**mg/kg**	**SW846 9056A**	**03/29-03/30/06**	**6089294**
		Dilution Factor: 10		MDL.....: 1.0		
Nitrate/Nitrite as N	**23.0**	**2.1**	**mg/kg**	**MCAWW 353.1**	**03/29/06**	**6088135**
		Dilution Factor: 4		MDL.....: 0.13		
Nitrite	ND	0.21	mg/kg	SW846 9056A	03/29-03/30/06	6089295
		Dilution Factor: 1		MDL.....: 0.064		
Nitrogen, as Ammonia	**2.8 B**	**5.2**	**mg/kg**	**MCAWW 350.1**	**03/28/06**	**6088048**
		Dilution Factor: 1		MDL.....:		
Oil and Grease	ND	209	mg/kg	MCAWW 413.1	03/29-03/30/06	6089126
		Dilution Factor: 1		MDL.....:		
Percent Moisture	**4.5**	**0.10**	**%**	**MCAWW 160.3 MOD**	**03/27/06**	**6086037**
		Dilution Factor: 1		MDL.....:		
Sulfate	**156**	**5.2**	**mg/kg**	**SW846 9056A**	**03/29-03/30/06**	**6089293**
		Dilution Factor: 1		MDL.....: 0.64		

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Fluor Hanford Inc

Client Sample ID: B1HKB3

General Chemistry

Lot-Sample #...: F6C220275-004 **Work Order #...:** H10GV **Matrix.....:** SOLID

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Inorganic Carbon	32.2	26.2	mg/kg	SW846 9060	03/31/06	6090373
		Dilution Factor: 1		MDL.....: 8.2		
Total Organic Carbon	220	26.2	mg/kg	SW846 9060	03/31/06	6090229
		Dilution Factor: 1		MDL.....: 21.1		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1HK27

General Chemistry

Lot-Sample #...: F6D030105-001 **Work Order #...:** H2GLR **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
% Moisture.....: 5.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phosphate as P, Ortho	ND	5.3	mg/kg	SW846 9056A	04/17-04/21/06	6096420
		Dilution Factor: 1		MDL.....: 0.20		
Cation Exchange Capacity	**4.8 B**	**5.3**	**meq/100g**	**SW846 9081**	**04/12/06**	**6102119**
		Dilution Factor: 10		MDL.....:		
Chloride	**21.3**	**2.1**	**mg/kg**	**SW846 9056A**	**04/17-04/18/06**	**6096418**
		Dilution Factor: 1		MDL.....: 0.26		
Fluoride	**1.7**	**1.1**	**mg/kg**	**SW846 9056A**	**04/17-04/18/06**	**6096419**
		Dilution Factor: 1		MDL.....: 0.054		
Hexavalent Chromium	ND	0.42	mg/kg	SW846 7196A	04/17/06	6110248
		Dilution Factor: 1		MDL.....: 0.16		
Nitrate	ND	0.21	mg/kg	SW846 9056A	04/17-04/18/06	6096422
		Dilution Factor: 1		MDL.....: 0.11		
Nitrate/Nitrite as N	**0.77**	**0.53**	**mg/kg**	**MCAWW 353.1**	**04/05/06**	**6096041**
		Dilution Factor: 1		MDL.....: 0.033		
Nitrite	ND	0.21	mg/kg	SW846 9056A	04/17-04/18/06	6096423
		Dilution Factor: 1		MDL.....: 0.065		
Nitrogen, as Ammonia	ND	5.3	mg/kg	MCAWW 350.1	04/04/06	6094243
		Dilution Factor: 1		MDL.....: 2.3		
Oil and Grease	**395**	**212**	**mg/kg**	**MCAWW 413.1**	**04/20-04/21/06**	**6111085**
		Dilution Factor: 1		MDL.....: 79.7		
Oil and Grease (Gravimetric)	**395**	**212**	**mg/kg**	**MCAWW 413.1**	**04/20-04/21/06**	**6111085**
		Dilution Factor: 1		MDL.....:		
Percent Moisture	**5.6**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/03-04/04/06**	**6093246**
		Dilution Factor: 1		MDL.....:		
Sulfate	**164**	**5.3**	**mg/kg**	**SW846 9056A**	**04/17-04/18/06**	**6096421**
		Dilution Factor: 1		MDL.....: 0.65		

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Fluor Hanford Inc

Client Sample ID: B1HK27

General Chemistry

Lot-Sample #...: F6D030105-001 **Work Order #...:** H2GLR **Matrix.....:** SOLID

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Inorganic Carbon	252	26.5	mg/kg	SW846 9060	04/12/06	6103579
		Dilution Factor: 1		MDL.....: 8.3		
Total Organic Carbon	641	26.5	mg/kg	SW846 9060	04/07/06	6097062
		Dilution Factor: 1		MDL.....: 21.3		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1HK32

General Chemistry

Lot-Sample #...: F6D030105-002 **Work Order #...:** H2GME **Matrix.....:** SOLID
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
% Moisture.....: 5.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phosphate as P, Ortho	ND	5.3	mg/kg	SW846 9056A	04/17-04/21/06	6096420
		Dilution Factor: 1		MDL.....: 0.20		
Cation Exchange Capacity	**7.0**	**5.3**	**meq/100g**	**SW846 9081**	**04/12/06**	**6102119**
		Dilution Factor: 10		MDL.....:		
Chloride	**93.7**	**21.2**	**mg/kg**	**SW846 9056A**	**04/17-04/21/06**	**6096418**
		Dilution Factor: 10		MDL.....: 2.6		
Fluoride	**5.8**	**1.1**	**mg/kg**	**SW846 9056A**	**04/17-04/18/06**	**6096419**
		Dilution Factor: 1		MDL.....: 0.054		
Hexavalent Chromium	ND	0.42	mg/kg	SW846 7196A	04/17/06	6110248
		Dilution Factor: 1		MDL.....: 0.16		
Nitrate	**14.1**		**mg/kg**	**SW846 9056A**	**04/17-04/21/06**	**6096422**
		Dilution Factor: 10		MDL.....: 1.1		
Nitrate/Nitrite as N	**15.6**	**1.1**	**mg/kg**	**MCAWW 353.1**	**04/05/06**	**6096041**
		Dilution Factor: 2		MDL.....: 0.065		
Nitrite	ND	0.21	mg/kg	SW846 9056A	04/17-04/18/06	6096423
		Dilution Factor: 1		MDL.....: 0.065		
Nitrogen, as Ammonia	ND	5.3	mg/kg	MCAWW 350.1	04/04/06	6094243
		Dilution Factor: 1		MDL.....: 2.3		
Oil and Grease	**2440**	**212**	**mg/kg**	**MCAWW 413.1**	**04/20-04/21/06**	**6111085**
		Dilution Factor: 1		MDL.....: 79.7		
Percent Moisture	**5.6**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/03-04/04/06**	**6093246**
		Dilution Factor: 1		MDL.....:		
Sulfate	**255**	**53.0**	**mg/kg**	**SW846 9056A**	**04/17-04/21/06**	**6096421**
		Dilution Factor: 10		MDL.....: 6.5		

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Fluor Hanford Inc

Client Sample ID: B1HK32

General Chemistry

Lot-Sample #...: F6D030105-002 **Work Order #...:** H2GME **Matrix.....:** SOLID

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Inorganic Carbon	474	26.5	mg/kg	SW846 9060	04/12/06	6103579
		Dilution Factor: 1		MDL.....: 8.3		
Total Organic Carbon	2780	26.5	mg/kg	SW846 9060	04/07/06	6097062
		Dilution Factor: 1		MDL.....: 21.3		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK24

General Chemistry

Lot-Sample #...: F6D030105-003 **Work Order #...:** H2HD3 **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
% Moisture.....: 5.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**5.7**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/06/06**	**6095231**
		Dilution Factor: 1		MDL.....:		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK25

General Chemistry

Lot-Sample #...: F6D030105-004 **Work Order #...:** H2HED **Matrix.....:** SOLID
Date Sampled...: 03/20/06 **Date Received..:** 04/01/06
% Moisture.....: 2.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**2.5**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/04-04/05/06**	**6094271**
		Dilution Factor: 1		MDL.....:		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK29

General Chemistry

Lot-Sample #...: F6D030105-006 **Work Order #...:** H2HEG **Matrix.....:** SOLID
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
% Moisture.....: 1.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**1.9**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/06/06**	**6095231**
		Dilution Factor: 1		MDL.....:		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK30

General Chemistry

Lot-Sample #...: F6D030105-007 **Work Order #...:** H2HEJ **Matrix.....:** SOLID
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
% Moisture.....: 1.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	1.9	0.10	%	MCAWW 160.3 MOD	04/04-04/05/06	6094271
		Dilution Factor: 1		MDL.....:		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK34

General Chemistry

Lot-Sample #...: F6D050150-001 **Work Order #...:** H2MA0 **Matrix.....:** SOLID
Date Sampled...: 03/27/06 **Date Received..:** 04/05/06
% Moisture.....: 2.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**2.3**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/05/06**	**6095232**

Dilution Factor: 1 MDL.....:

Fluor Hanford Inc

Client Sample ID: B1HK35

General Chemistry

Lot-Sample #...: F6D050150-002 **Work Order #...:** E2MA4 **Matrix.....:** SOLID
Date Sampled...: 03/27/06 **Date Received..:** 04/05/06
% Moisture.....: 2.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**2.3**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/05-04/06/06**	**6095232**

Dilution Factor: 1 MDL.....:

Fluor Hanford Inc

Client Sample ID: B1HK50

General Chemistry

Lot-Sample #...: F6D170197-001 **Work Order #...:** H3FF3 **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06
% Moisture.....: 9.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	9.6	0.10	%	MCAWW 160.3 MOD	04/18-04/19/06	6108349

Dilution Factor: 1 MDL.....:

Fluor Hanford Inc

Client Sample ID: B1HK52

General Chemistry

Lot-Sample #...: F6D170197-002 **Work Order #...:** H3FF5 **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phosphate as P, Ortho	ND	5.4	mg/kg	SW846 9056A	05/02/06	6123215
		Dilution Factor: 1		MDL.....: 0.20		
Cation Exchange Capacity	**9.7**	**5.0**	**meq/100g**	**SW846 9081**	**04/28/06**	**6118126**
		Dilution Factor: 10		MDL.....:		
Chloride	**93.2**	**21.6**	**mg/kg**	**SW846 9056A**	**05/02-05/03/06**	**6123217**
		Dilution Factor: 10		MDL.....: 2.7		
Fluoride	**18.9**	**1.1**	**mg/kg**	**SW846 9056A**	**05/02/06**	**6123214**
		Dilution Factor: 1		MDL.....: 0.055		
Hexavalent Chromium	ND	0.43	mg/kg	SW846 7196A	04/17/06	6110248
		Dilution Factor: 1		MDL.....: 0.16		
Nitrate/Nitrite as N	**1670**	**216**	**mg/kg**	**MCAWW 353.1**	**04/19/06**	**6109356**
		Dilution Factor: 400		MDL.....: 13.3		
Nitrogen, as Ammonia	ND	2.2	mg/kg	MCAWW 350.1	04/21/06	6111359
		Dilution Factor: 4		MDL.....: 9.2		
Oil and Grease	ND	216	mg/kg	MCAWW 413.1	05/01-05/03/06	6123275
		Dilution Factor: 1		MDL.....: 81.3		
Percent Moisture	**7.4**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/18-04/19/06**	**6108349**
		Dilution Factor: 1		MDL.....:		
Sulfate	**148**	**5.4**	**mg/kg**	**SW846 9056A**	**05/02/06**	**6123216**
		Dilution Factor: 1		MDL.....: 0.66		
Total Inorganic Carbon	ND	27.0	mg/kg	SW846 9060	05/02/06	6121390
		Dilution Factor: 1		MDL.....: 8.5		
Total Organic Carbon	**347**	**27.0**	**mg/kg**	**SW846 9060**	**04/20/06**	**6121389**
		Dilution Factor: 1		MDL.....: 21.7		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HL20

General Chemistry

Lot-Sample #...: F6D170197-003 **Work Order #...:** H3FGC **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
% Moisture.....: 9.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**9.0**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/18-04/19/06**	**6108349**
		Dilution Factor: 1		MDL.....:		

Fluor Hanford Inc

Client Sample ID: B1HK45

General Chemistry

Lot-Sample #...: F6D170197-004 **Work Order #...:** H3FGF **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**10.8**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/18-04/19/06**	**6108349**

Dilution Factor: 1 MDL.....:

Fluor Hanford Inc

Client Sample ID: B1HK47

General Chemistry

Lot-Sample #...: F6D170197-005 **Work Order #...:** H3FGG **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
% Moisture.....: 6.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phosphate as P, Ortho	ND	5.3	mg/kg	SW846 9056A	05/02/06	6123215
		Dilution Factor: 1		MDL.....: 0.20		
Cation Exchange Capacity	**9.1**	**5.0**	**meq/100g**	**SW846 9081**	**04/28/06**	**6118126**
		Dilution Factor: 10		MDL.....:		
Chloride	**72.6**	**21.4**	**mg/kg**	**SW846 9056A**	**05/02-05/03/06**	**6123217**
		Dilution Factor: 10		MDL.....: 2.7		
Fluoride	**17.4**	**1.1**	**mg/kg**	**SW846 9056A**	**05/02/06**	**6123214**
		Dilution Factor: 1		MDL.....: 0.054		
Hexavalent Chromium	ND	0.43	mg/kg	SW846 7196A	04/17/06	6110248
		Dilution Factor: 1		MDL.....: 0.16		
Nitrate/Nitrite as N	**1520**	**214**	**mg/kg**	**MCAWW 353.1**	**04/19/06**	**6109356**
		Dilution Factor: 400		MDL.....: 13.2		
Nitrogen, as Ammonia	ND	2.1	mg/kg	MCAWW 350.1	04/21/06	6111359
		Dilution Factor: 4		MDL.....: 9.1		
Oil and Grease	ND	214	mg/kg	MCAWW 413.1	05/01-05/03/06	6123275
		Dilution Factor: 1		MDL.....: 80.3		
Percent Moisture	**6.3**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/18-04/19/06**	**6108349**
		Dilution Factor: 1		MDL.....:		
Sulfate	**81.6**	**5.3**	**mg/kg**	**SW846 9056A**	**05/02/06**	**6123216**
		Dilution Factor: 1		MDL.....: 0.65		
Total Inorganic Carbon	ND	26.7	mg/kg	SW846 9060	05/02/06	6121390
		Dilution Factor: 1		MDL.....: 8.4		
Total Organic Carbon	**183**	**26.7**	**mg/kg**	**SW846 9060**	**04/20/06**	**6121389**
		Dilution Factor: 1		MDL.....: 21.5		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HL22

General Chemistry

Lot-Sample #...: F6D170197-007 **Work Order #...:** H3FH4 **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
% Moisture.....: 7.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phosphate as P, Ortho	ND	5.4	mg/kg	SW846 9056A	05/02/06	6123215
		Dilution Factor: 1		MDL.....: 0.20		
Cation Exchange Capacity	**10.2**	**5.0**	**meq/100g**	**SW846 9081**	**04/28/06**	**6118126**
		Dilution Factor: 10		MDL.....:		
Chloride	**53.1**	**2.2**	**mg/kg**	**SW846 9056A**	**05/02/06**	**6123217**
		Dilution Factor: 1		MDL.....: 0.27		
Fluoride	**15.6**	**1.1**	**mg/kg**	**SW846 9056A**	**05/02/06**	**6123214**
		Dilution Factor: 1		MDL.....: 0.055		
Hexavalent Chromium	ND	0.43	mg/kg	SW846 7196A	04/17/06	6110248
		Dilution Factor: 1		MDL.....: 0.16		
Nitrate/Nitrite as N	**1290**	**217**	**mg/kg**	**MCAWW 353.1**	**04/19/06**	**6109356**
		Dilution Factor: 400		MDL.....: 13.4		
Nitrogen, as Ammonia	ND	2.2	mg/kg	MCAWW 350.1	04/21/06	6111359
		Dilution Factor: 4		MDL.....: 9.3		
Oil and Grease	ND	217	mg/kg	MCAWW 413.1	05/01-05/03/06	6123275
		Dilution Factor: 1		MDL.....: 81.7		
Percent Moisture	**7.9**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/18-04/19/06**	**6108349**
		Dilution Factor: 1		MDL.....:		
Sulfate	**63.3**	**5.4**	**mg/kg**	**SW846 9056A**	**05/02/06**	**6123216**
		Dilution Factor: 1		MDL.....: 0.66		
Total Inorganic Carbon	ND	27.2	mg/kg	SW846 9060	05/02/06	6121390
		Dilution Factor: 1		MDL.....: 8.6		
Total Organic Carbon	**205**	**27.2**	**mg/kg**	**SW846 9060**	**04/20/06**	**6121389**
		Dilution Factor: 1		MDL.....: 21.9		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Fluor Hanford Inc

Client Sample ID: B1HK49

General Chemistry

Lot-Sample #...: F6D170197-008 **Work Order #...:** H3G1K **Matrix.....:** SOLID
Date Sampled...: 04/04/06 **Date Received..:** 04/15/06
% Moisture.....: 9.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**9.6**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/18/06**	**6108349**
		Dilution Factor: 1		MDL.....:		

Fluor Hanford Inc

Client Sample ID: B1HK44

General Chemistry

Lot-Sample #...: F6D170197-010 **Work Order #...:** H3G25 **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**11.0**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/18/06**	**6108349**

Dilution Factor: 1 MDL.....:

Fluor Hanford Inc

Client Sample ID: B1HL19

General Chemistry

Lot-Sample #...: F6D170197-011 **Work Order #...:** H3G26 **Matrix.....:** SOLID
Date Sampled...: 04/06/06 **Date Received..:** 04/15/06
% Moisture.....: 9.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**9.0**	**0.10**	**%**	**MCAWW 160.3 MOD**	**04/18/06**	**6108349**

Dilution Factor: 1 MDL.....:

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General Chemistry

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cation Exchange Capacity		Work Order #: H13051AA		MB Lot-Sample #:	F6C280000-165	
	ND	5.0	meq/100g	SW846 9081	03/28-03/30/06	6087165
		Dilution Factor: 10				
Cation Exchange Capacity		Work Order #: H23DP1AA		MB Lot-Sample #:	F6D120000-119	
	ND	5.0	meq/100g	SW846 9081	04/12/06	6102119
		Dilution Factor: 10				
Cation Exchange Capacity		Work Order #: H39881AA		MB Lot-Sample #:	F6D280000-126	
	ND	5.0	meq/100g	SW846 9081	04/28/06	6118126
		Dilution Factor: 10				
Chloride		Work Order #: H192R1AA		MB Lot-Sample #:	F6C300000-290	
	ND	2.0	mg/kg	SW846 9056A	03/29/06	6089290
		Dilution Factor: 1				
Chloride		Work Order #: H2QQH1AA		MB Lot-Sample #:	F6D060000-418	
	ND	2.0	mg/kg	SW846 9056A	04/17/06	6096418
		Dilution Factor: 1				
Chloride		Work Order #: H4N1L1AA		MB Lot-Sample #:	F6E030000-217	
	ND	2.0	mg/kg	SW846 9056A	05/02/06	6123217
		Dilution Factor: 1				
Fluoride		Work Order #: H192X1AA		MB Lot-Sample #:	F6C300000-291	
	ND	1.0	mg/kg	SW846 9056A	03/29/06	6089291
		Dilution Factor: 1				
Fluoride		Work Order #: H2QQJ1AA		MB Lot-Sample #:	F6D060000-419	
	ND	1.0	mg/kg	SW846 9056A	04/17/06	6096419
		Dilution Factor: 1				
Fluoride		Work Order #: H4N1D1AA		MB Lot-Sample #:	F6E030000-214	
	ND	1.0	mg/kg	SW846 9056A	05/02/06	6123214
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: H2D371AA		MB Lot-Sample #:	F6C310000-384	
	ND	0.40	mg/kg	SW846 7196A	03/31/06	6090384
		Dilution Factor: 1				

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General Chemistry

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium		Work Order #: H3NGM1AA		MB Lot-Sample #:	F6D200000-248	
	ND	0.40	mg/kg	SW846 7196A	04/17/06	6110248
		Dilution Factor: 1				
Nitrate		Work Order #: H19261AA		MB Lot-Sample #:	F6C300000-294	
	ND	0.20	mg/kg	SW846 9056A	03/29/06	6089294
		Dilution Factor: 1				
Nitrate		Work Order #: H2QQQ1AA		MB Lot-Sample #:	F6D060000-422	
	ND	0.20	mg/kg	SW846 9056A	04/17/06	6096422
		Dilution Factor: 1				
Nitrate/Nitrite as N		Work Order #: H152D1AA		MB Lot-Sample #:	F6C290000-135	
	ND	0.50	mg/kg	MCAWW 353.1	03/29/06	6088135
		Dilution Factor: 1				
Nitrate/Nitrite as N		Work Order #: H2N5J1AA		MB Lot-Sample #:	F6D060000-041	
	ND	0.50	mg/kg	MCAWW 353.1	04/05/06	6096041
		Dilution Factor: 1				
Nitrate/Nitrite as N		Work Order #: H3KQ51AA		MB Lot-Sample #:	F6D190000-356	
	ND	0.50	mg/kg	MCAWW 353.1	04/19/06	6109356
		Dilution Factor: 1				
Nitrite		Work Order #: H193C1AA		MB Lot-Sample #:	F6C300000-295	
	ND	0.20	mg/kg	SW846 9056A	03/29/06	6089295
		Dilution Factor: 1				
Nitrite		Work Order #: H2QQT1AA		MB Lot-Sample #:	F6D060000-423	
	ND	0.20	mg/kg	SW846 9056A	04/17/06	6096423
		Dilution Factor: 1				
Nitrogen, as Ammonia		Work Order #: H15VX1AA		MB Lot-Sample #:	F6C290000-048	
	ND	5.0	mg/kg	MCAWW 350.1	03/28/06	6088048
		Dilution Factor: 1				
Nitrogen, as Ammonia		Work Order #: H2J491AA		MB Lot-Sample #:	F6D040000-243	
	ND	5.0	mg/kg	MCAWW 350.1	04/04/06	6094243
		Dilution Factor: 1				
Nitrogen, as Ammonia		Work Order #: H3R7T1AA		MB Lot-Sample #:	F6D210000-359	
	ND	0.50	mg/kg	MCAWW 350.1	04/21/06	6111359
		Dilution Factor: 1				

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General Chemistry

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease		Work Order #: H18QW1AA		MB Lot-Sample #:	F6C300000-126	
	ND	200	mg/kg	MCAWW 413.1	03/29-03/30/06	6089126
		Dilution Factor: 1				
Oil and Grease		Work Order #: H3Q561AA		MB Lot-Sample #:	F6D210000-085	
	ND	200	mg/kg	MCAWW 413.1	04/20-04/21/06	6111085
		Dilution Factor: 1				
Oil and Grease		Work Order #: H4K9A1AA		MB Lot-Sample #:	F6E030000-275	
	ND	200	mg/kg	MCAWW 413.1	05/01-05/03/06	6123275
		Dilution Factor: 1				
Phosphate as P, Ortho		Work Order #: H19221AA		MB Lot-Sample #:	F6C300000-292	
	ND	5.0	mg/kg	SW846 9056A	03/29/06	6089292
		Dilution Factor: 1				
Phosphate as P, Ortho		Work Order #: H2QQL1AA		MB Lot-Sample #:	F6D060000-420	
	ND	5.0	mg/kg	SW846 9056A	04/17/06	6096420
		Dilution Factor: 1				
Phosphate as P, Ortho		Work Order #: H4N1F1AA		MB Lot-Sample #:	F6E030000-215	
	ND	5.0	mg/kg	SW846 9056A	05/02/06	6123215
		Dilution Factor: 1				
Sulfate		Work Order #: H19231AA		MB Lot-Sample #:	F6C300000-293	
	ND	5.0	mg/kg	SW846 9056A	03/29/06	6089293
		Dilution Factor: 1				
Sulfate		Work Order #: H2QQN1AA		MB Lot-Sample #:	F6D060000-421	
	ND	5.0	mg/kg	SW846 9056A	04/17/06	6096421
		Dilution Factor: 1				
Sulfate		Work Order #: H4N1K1AA		MB Lot-Sample #:	F6E030000-216	
	ND	5.0	mg/kg	SW846 9056A	05/02/06	6123216
		Dilution Factor: 1				
Total Inorganic Carbon		Work Order #: H2D0W1AA		MB Lot-Sample #:	F6C310000-373	
	ND	25.0	mg/kg	SW846 9060	03/31/06	6090373
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Inorganic Carbon		Work Order #: H3E2H1AA		MB Lot-Sample #:	F6D130000-579	
	ND	25.0	mg/kg	SW846 9060	04/12/06	6103579
		Dilution Factor: 1				
Total Inorganic Carbon		Work Order #: H4GDW1AA		MB Lot-Sample #:	F6E010000-390	
	ND	25.0	mg/kg	SW846 9060	05/02/06	6121390
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: H2DDT1AA		MB Lot-Sample #:	F6C310000-229	
	ND	25.0	mg/kg	SW846 9060	03/31/06	6090229
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: H2XT71AA		MB Lot-Sample #:	F6D070000-062	
	ND	25.0	mg/kg	SW846 9060	04/07/06	6097062
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: H4GDD1AA		MB Lot-Sample #:	F6E010000-389	
	ND	25.0	mg/kg	SW846 9060	04/20/06	6121389
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			WO#:H192R1AC-LCS/H192R1AD-LCSD			LCS Lot-Sample#: F6C300000-290		
	10.0	9.20	mg/kg	92		SW846 9056A	03/29/06	6089290
	10.0	9.03	mg/kg	90	1.9	SW846 9056A	03/29/06	6089290
			Dilution Factor: 1					
Chloride			WO#:H2QQH1AC-LCS/H2QQH1AD-LCSD			LCS Lot-Sample#: F6D060000-418		
	10.0	9.14	mg/kg	91		SW846 9056A	04/17/06	6096418
	10.0	9.01	mg/kg	90	1.4	SW846 9056A	04/17/06	6096418
			Dilution Factor: 1					
Chloride			WO#:H4N1L1AC-LCS/H4N1L1AD-LCSD			LCS Lot-Sample#: F6E030000-217		
	10.0	9.38	mg/kg	94		SW846 9056A	05/02/06	6123217
	10.0	9.37	mg/kg	94	0.15	SW846 9056A	05/02/06	6123217
			Dilution Factor: 1					
Fluoride			WO#:H192X1AC-LCS/H192X1AD-LCSD			LCS Lot-Sample#: F6C300000-291		
	5.00	4.79	mg/kg	96		SW846 9056A	03/29/06	6089291
	5.00	4.78	mg/kg	96	0.31	SW846 9056A	03/29/06	6089291
			Dilution Factor: 1					
Fluoride			WO#:H2QQJ1AC-LCS/H2QQJ1AD-LCSD			LCS Lot-Sample#: F6D060000-419		
	5.00	4.65	mg/kg	93		SW846 9056A	04/17/06	6096419
	5.00	4.61	mg/kg	92	0.99	SW846 9056A	04/17/06	6096419
			Dilution Factor: 1					
Fluoride			WO#:H4N1D1AC-LCS/H4N1D1AD-LCSD			LCS Lot-Sample#: F6E030000-214		
	5.00	4.62	mg/kg	92		SW846 9056A	05/02/06	6123214
	5.00	4.50	mg/kg	90	2.6	SW846 9056A	05/02/06	6123214
			Dilution Factor: 1					
Hexavalent Chromium			WO#:H3NGM1AC-LCS/H3NGM1AD-LCSD			LCS Lot-Sample#: F6D200000-248		
	2.00	1.94	mg/kg	97		SW846 7196A	04/17/06	6110248
	2.00	1.89	mg/kg	95	2.7	SW846 7196A	04/17/06	6110248
			Dilution Factor: 1					
Nitrate			WO#:H19261AC-LCS/H19261AD-LCSD			LCS Lot-Sample#: F6C300000-294		
	2.00	1.96	mg/kg	98		SW846 9056A	03/29/06	6089294
	2.00	2.01	mg/kg	101	2.5	SW846 9056A	03/29/06	6089294
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate			WO#:H2QQ1AC-LCS/H2QQ1AD-LCSD				LCS Lot-Sample#: F6D060000-422	
	2.00	1.83	mg/kg	91		SW846 9056A	04/17/06	6096422
	2.00	1.79	mg/kg	90	1.8	SW846 9056A	04/17/06	6096422
			Dilution Factor: 1					
Nitrate/Nitrite as N			WO#:H152D1AC-LCS/H152D1AD-LCSD				LCS Lot-Sample#: F6C290000-135	
	4.00	3.99	mg/kg	100		MCAWW 353.1	03/29/06	6088135
	4.00	3.83	mg/kg	96	4.1	MCAWW 353.1	03/29/06	6088135
			Dilution Factor: 1					
Nitrate/Nitrite as N			WO#:H2N5J1AC-LCS/H2N5J1AD-LCSD				LCS Lot-Sample#: F6D060000-041	
	4.00	4.00	mg/kg	100		MCAWW 353.1	04/05/06	6096041
	4.00	3.73	mg/kg	93	7.0	MCAWW 353.1	04/05/06	6096041
			Dilution Factor: 1					
Nitrate/Nitrite as N			WO#:H3KQ51AC-LCS/H3KQ51AD-LCSD				LCS Lot-Sample#: F6D190000-356	
	0.904	0.900	mg/kg	100		MCAWW 353.1	04/19/06	6109356
	0.904	0.970	mg/kg	107	7.5	MCAWW 353.1	04/19/06	6109356
			Dilution Factor: 1					
Nitrite			WO#:H193C1AC-LCS/H193C1AD-LCSD				LCS Lot-Sample#: F6C300000-295	
	0.800	0.799	mg/kg	100		SW846 9056A	03/29/06	6089295
	0.800	0.776	mg/kg	97	2.9	SW846 9056A	03/29/06	6089295
			Dilution Factor: 1					
Nitrite			WO#:H2QQT1AC-LCS/H2QQT1AD-LCSD				LCS Lot-Sample#: F6D060000-423	
	0.800	0.836	mg/kg	104		SW846 9056A	04/17/06	6096423
	0.800	0.818	mg/kg	102	2.2	SW846 9056A	04/17/06	6096423
			Dilution Factor: 1					
Nitrogen, as Ammonia			WO#:H15VX1AC-LCS/H15VX1AD-LCSD				LCS Lot-Sample#: F6C290000-048	
	4.00	4.19	mg/kg	105		MCAWW 350.1	03/28/06	6088048
	4.00	4.05	mg/kg	101	3.4	MCAWW 350.1	03/28/06	6088048
			Dilution Factor: 1					
Nitrogen, as Ammonia			WO#:H2J491AC-LCS/H2J491AD-LCSD				LCS Lot-Sample#: F6D040000-243	
	4.00	3.91	mg/kg	98		MCAWW 350.1	04/04/06	6094243
	4.00	4.02	mg/kg	100	2.8	MCAWW 350.1	04/04/06	6094243
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia			WO#:H3R7T1AC-LCS/H3R7T1AD-LCSD				LCS Lot-Sample#: F6D210000-359	
	4.00	3.70	mg/kg	92		MCAWW 350.1	04/21/06	6111359
	4.00	4.00	mg/kg	100	7.8	MCAWW 350.1	04/21/06	6111359
			Dilution Factor: 1					
Oil and Grease			WO#:H18QW1AC-LCS/H18QW1AD-LCSD				LCS Lot-Sample#: F6C300000-126	
	3330	2900 N	mg/kg	87		MCAWW 413.1	03/29-03/30/06	6089126
	3330	2700 N,*	mg/kg	81	7.1	MCAWW 413.1	03/29-03/30/06	6089126
			Dilution Factor: 1					
Oil and Grease (Gravimetric)			WO#:H3Q561AC-LCS/H3Q561AD-LCSD				LCS Lot-Sample#: F6D210000-085	
	3330	3500 N	mg/kg	105		MCAWW 413.1	04/20-04/21/06	6111085
	3330	3400	mg/kg	102	2.9	MCAWW 413.1	04/20-04/21/06	6111085
			Dilution Factor: 1					
Phosphate as P, Ortho			WO#:H19221AC-LCS/H19221AD-LCSD				LCS Lot-Sample#: F6C300000-292	
	40.0	39.2	mg/kg	98		SW846 9056A	03/29/06	6089292
	40.0	39.2	mg/kg	98	0.09	SW846 9056A	03/29/06	6089292
			Dilution Factor: 1					
Phosphate as P, Ortho			WO#:H2QQL1AC-LCS/H2QQL1AD-LCSD				LCS Lot-Sample#: F6D060000-420	
	40.0	37.1	mg/kg	93		SW846 9056A	04/17/06	6096420
	40.0	36.8	mg/kg	92	0.80	SW846 9056A	04/17/06	6096420
			Dilution Factor: 1					
Phosphate as P, Ortho			WO#:H4N1F1AC-LCS/H4N1F1AD-LCSD				LCS Lot-Sample#: F6E030000-215	
	40.0	36.8	mg/kg	92		SW846 9056A	05/02/06	6123215
	40.0	37.9	mg/kg	95	2.8	SW846 9056A	05/02/06	6123215
			Dilution Factor: 1					
Sulfate			WO#:H19231AC-LCS/H19231AD-LCSD				LCS Lot-Sample#: F6C300000-293	
	40.0	38.6	mg/kg	97		SW846 9056A	03/29/06	6089293
	40.0	38.7	mg/kg	97	0.28	SW846 9056A	03/29/06	6089293
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate			WO#:H2QQN1AC-LCS/H2QQN1AD-LCSD			LCS Lot-Sample#: F6D060000-421		
	40.0	36.2	mg/kg	91		SW846 9056A	04/17/06	6096421
	40.0	35.7	mg/kg	89	1.5	SW846 9056A	04/17/06	6096421
			Dilution Factor: 1					
Sulfate			WO#:H4N1K1AC-LCS/H4N1K1AD-LCSD			LCS Lot-Sample#: F6E030000-216		
	40.0	37.3	mg/kg	93		SW846 9056A	05/02/06	6123216
	40.0	37.3	mg/kg	93	0.03	SW846 9056A	05/02/06	6123216
			Dilution Factor: 1					
Total Inorganic Carbon			WO#:H2D0W1AC-LCS/H2D0W1AD-LCSD			LCS Lot-Sample#: F6C310000-373		
	600	632	mg/kg	105		SW846 9060	03/31/06	6090373
	600	647	mg/kg	108	2.5	SW846 9060	03/31/06	6090373
			Dilution Factor: 1					
Total Inorganic Carbon			WO#:H3E2H1AC-LCS/H3E2H1AD-LCSD			LCS Lot-Sample#: F6D130000-579		
	600	652	mg/kg	109		SW846 9060	04/12/06	6103579
	600	638	mg/kg	106	2.2	SW846 9060	04/12/06	6103579
			Dilution Factor: 1					
Total Inorganic Carbon			WO#:H4GDW1AC-LCS/H4GDW1AD-LCSD			LCS Lot-Sample#: F6E010000-390		
	600	622	mg/kg	104		SW846 9060	05/02/06	6121390
	600	582	mg/kg	97	6.8	SW846 9060	05/02/06	6121390
			Dilution Factor: 1					
Total Organic Carbon			WO#:H2DDT1AC-LCS/H2DDT1AD-LCSD			LCS Lot-Sample#: F6C310000-229		
	600	632	mg/kg	105		SW846 9060	03/31/06	6090229
	600	647	mg/kg	108	2.5	SW846 9060	03/31/06	6090229
			Dilution Factor: 1					
Total Organic Carbon			WO#:H4GDD1AC-LCS/H4GDD1AD-LCSD			LCS Lot-Sample#: F6E010000-389		
	600	571	mg/kg	95		SW846 9060	04/20/06	6121389
	600	566	mg/kg	94	0.84	SW846 9060	04/20/06	6121389
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: W04890 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium			Work Order #: H2D371AC		LCS Lot-Sample#: F6C310000-384		
	2.00	1.90	mg/kg	95	SW846 7196A	03/31/06	6090384
			Dilution Factor: 1				
Total Organic Carbon			Work Order #: H2XT71AC		LCS Lot-Sample#: F6D070000-062		
	600	586	mg/kg	98	SW846 9060	04/07/06	6097062
			Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: W04890 **Matrix.....:** SOLID
Date Sampled...: 03/30/06 **Date Received..:** 03/31/06

Percnt Moisture: 5.6

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...:		H2GLR1C2		MS Lot-Sample #:	F6D030105-001
	21.3	21.2	41.1	mg/kg	94	SW846 9056A	04/17-04/18/06	6096418
			Dilution Factor: 1					
Chloride			Work Order #...:		H3FGG1CK		MS Lot-Sample #:	F6D170197-005
	72.6	21.4	289 N	mg/kg	1010	SW846 9056A	05/02-05/03/06	6123217
			Dilution Factor: 10					
Fluoride			Work Order #...:		H2GLR1C4		MS Lot-Sample #:	F6D030105-001
	1.7	21.2	21.8	mg/kg	95	SW846 9056A	04/17-04/18/06	6096419
			Dilution Factor: 1					
Fluoride			Work Order #...:		H3FGG1CL		MS Lot-Sample #:	F6D170197-005
	17.4	21.4	34.8	mg/kg	82	SW846 9056A	05/02/06	6123214
			Dilution Factor: 1					
Hexavalent Chromium			Work Order #...:		H070E1CD		MS Lot-Sample #:	F6C140213-001
	1.8	55.7	55.9	mg/kg	97	SW846 7196A	03/31/06	6090383
			Dilution Factor: 1					
Hexavalent Chromium			Work Order #...:		H3FF51EG		MS Lot-Sample #:	F6D170197-002
	ND	43.2	37.5	mg/kg	87	SW846 7196A	04/17/06	6110248
			Dilution Factor: 1					
Nitrate			Work Order #...:		H2GLR1DA		MS Lot-Sample #:	F6D030105-001
	ND	4.24	4.75	mg/kg	112	SW846 9056A	04/17-04/18/06	6096422
			Dilution Factor: 1					
Nitrate/Nitrite as N			Work Order #...:		H10GV1CT		MS Lot-Sample #:	F6C220275-004
	23.0	20.9	42.6	mg/kg	94	MCAWW 353.1	03/29/06	6088135
			Dilution Factor: 1					
Nitrate/Nitrite as N			Work Order #...:		H2GLR1CW		MS Lot-Sample #:	F6D030105-001
	0.77	5.29	5.75	mg/kg	94	MCAWW 353.1	04/05/06	6096041
			Dilution Factor: 1					
Nitrate/Nitrite as N			Work Order #...:		H3FGG1CP		MS Lot-Sample #:	F6D170197-005
	1520	483	1920 N	mg/kg	84	MCAWW 353.1	04/19/06	6109356
			Dilution Factor: 1					

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: W04890 **Matrix.....:** SOLID
Date Sampled...: 03/30/06 **Date Received..:** 03/31/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrite			Work Order #...:		H2GLR1DD		MS Lot-Sample #:	F6D030105-001
	ND	1.06	0.621 N	mg/kg	59	SW846 9056A	04/17-04/18/06	6096423
			Dilution Factor: 1					
Nitrogen, as Ammonia			Work Order #...:		H10GV1CQ		MS Lot-Sample #:	F6C220275-004
	2.8	5.23	8.18	mg/kg	104	MCAWW 350.1	03/28/06	6088048
			Dilution Factor: 1					
Nitrogen, as Ammonia			Work Order #...:		H2GLR1CM		MS Lot-Sample #:	F6D030105-001
	ND	5.29	5.90	mg/kg	101	MCAWW 350.1	04/04/06	6094243
			Dilution Factor: 1					
Nitrogen, as Ammonia			Work Order #...:		H3FGG1CQ		MS Lot-Sample #:	F6D170197-005
	ND	21.4	25.3	mg/kg	93	MCAWW 350.1	04/21/06	6111359
			Dilution Factor: 1					
Oil and Grease (Gravimetric)			Work Order #...:		H2GLR1DG		MS Lot-Sample #:	F6D030105-001
	395	3530	3490	mg/kg	99	MCAWW 413.1	04/20-04/21/06	6111085
			Dilution Factor: 1					
Phosphate as P, Ortho			Work Order #...:		H2GLR1C6		MS Lot-Sample #:	F6D030105-001
	ND	42.4	39.2	mg/kg	93	SW846 9056A	04/17-04/21/06	6096420
			Dilution Factor: 1					
Phosphate as P, Ortho			Work Order #...:		H3FGG1CM		MS Lot-Sample #:	F6D170197-005
	ND	42.7	6.33 N	mg/kg	15	SW846 9056A	05/02/06	6123215
			Dilution Factor: 1					
Sulfate			Work Order #...:		H2GLR1C8		MS Lot-Sample #:	F6D030105-001
	164	42.4	205	mg/kg	98	SW846 9056A	04/17-04/18/06	6096421
			Dilution Factor: 1					
Sulfate			Work Order #...:		H3FGG1CN		MS Lot-Sample #:	F6D170197-005
	81.6	42.7	117	mg/kg	82	SW846 9056A	05/02/06	6123216
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...:		H2ECR1D2		MS Lot-Sample #:	F6C310289-001
	7120	2710	10700	mg/kg	131	SW846 9060	04/07/06	6097062
			Dilution Factor: 1					

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: W04890 **Matrix.....:** SOLID
Date Sampled...: 03/30/06 **Date Received..:** 03/31/06

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6C220275 **Work Order #...:** H1W3G-SMP H1W3G-DUP **Matrix.....:** SOLID

Date Sampled...: 03/23/06 **Date Received..:** 03/24/06

% Moisture.....: 60

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	F6C240152-001	
	60.4	61.3	%	1.4	(0-30)	MCAWW 160.3 MOD	03/27/06	6086037

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6C220275 **Work Order #...:** H10GV-SMP H10GV-DUP **Matrix.....:** SOLID

Date Sampled...: 03/13/06 **Date Received..:** 03/22/06

% Moisture.....: 4.5

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate/Nitrite as N						SD Lot-Sample #:	F6C220275-004	
	23.0	24.2	mg/kg	4.9	(0-30)	MCAWW 353.1	03/29/06	6088135
			Dilution Factor: 4					
Nitrogen, as Ammonia						SD Lot-Sample #:	F6C220275-004	
	2.8 B	2.7	mg/kg	0.76	(0-30)	MCAWW 350.1	03/28/06	6088048
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6C220275 **Work Order #...:** H070E-SMP **Matrix.....:** SOLID
H070E-DUP
Date Sampled...: 03/13/06 **Date Received..:** 03/14/06
% Moisture.....: 28

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium						SD Lot-Sample #: F6C140213-001		
	1.8	1.6	mg/kg	12	(0-30)	SW846 7196A	03/31/06	6090383

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6C220275 **Work Order #...:** H2GME-SMP **Matrix.....:** SOLID
H2GME-DUP
Date Sampled...: 03/22/06 **Date Received..:** 04/01/06
% Moisture.....: 5.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	F6D030105-002	
	5.6	5.7	%	1.1	(0-30)	MCAWW 160.3 MOD	04/03-04/04/06	6093246

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6C220275 **Work Order #...:** H2HKQ-SMP H2HKQ-DUP **Matrix.....:** SOLID

Date Sampled...: 03/25/06 **Date Received..:** 04/03/06

% Moisture.....: 16

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	F6D030196-005	
	15.5	15.6	%	0.39	(0-30)	MCAWW 160.3 MOD	04/04-04/05/06	6094271

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6C220275 **Work Order #...:** H3E4N-SMP H3E4N-DUP **Matrix.....:** SOLID

Date Sampled...: 04/12/06 **Date Received..:** 04/14/06

% Moisture.....: 5.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	F6D170161-002	
	5.6	5.8	%	4.4	(0-30)	MCAWW 160.3 MOD	04/18-04/19/06	6108349

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6C220275 **Work Order #...:** H3FF5-SMP H3FF5-DUP **Matrix.....:** SOLID

Date Sampled...: 04/04/06 **Date Received..:** 04/15/06

% Moisture.....: 7.4

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cation Exchange Capacity						SD Lot-Sample #:	F6D170197-002	
	9.7	9.0	meq/100g	7.7	(0-0.0)	SW846 9081	04/28/06	6118126
		Dilution Factor: 10						
Hexavalent Chromium						SD Lot-Sample #:	F6D170197-002	
	ND	ND	mg/kg	0	(0-30)	SW846 7196A	04/17/06	6110248
		Dilution Factor: 1						

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6C220275 **Work Order #...:** H3FH4-SMP H3FH4-DUP **Matrix.....:** SOLID

Date Sampled...: 04/06/06 **Date Received..:** 04/15/06

% Moisture.....: 7.9

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Inorganic Carbon						SD Lot-Sample #:	F6D170197-007	
	ND	ND	mg/kg	0	(0-30)	SW846 9060	05/02/06	6121390
			Dilution Factor: 1					
Total Organic Carbon						SD Lot-Sample #:	F6D170197-007	
	205	284	mg/kg	32	(0-30)	SW846 9060	04/20/06	6121389
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6C220275 **Work Order #...:** H3FGG-SMP H3FGG-DUP **Matrix.....:** SOLID

Date Sampled...: 04/06/06 **Date Received..:** 04/15/06

% Moisture.....: 6.3

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F6D170197-005	
	72.6	85.1	mg/kg	16	(0-30)	SW846 9056A	05/02-05/03/06	6123217
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F6D170197-005	
	17.4	17.2	mg/kg	1.0	(0-30)	SW846 9056A	05/02/06	6123214
			Dilution Factor: 1					
Phosphate as P, Ortho						SD Lot-Sample #:	F6D170197-005	
	ND	ND	mg/kg	0	(0-30)	SW846 9056A	05/02/06	6123215
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F6D170197-005	
	81.6	81.4	mg/kg	0.34	(0-30)	SW846 9056A	05/02/06	6123216
			Dilution Factor: 1					
Nitrate/Nitrite as N						SD Lot-Sample #:	F6D170197-005	
	1520	1510	mg/kg	0.71	(0-30)	MCAWW 353.1	04/19/06	6109356
			Dilution Factor: 400					
Nitrogen, as Ammonia						SD Lot-Sample #:	F6D170197-005	
	ND	ND	mg/kg	3.5	(0-30)	MCAWW 350.1	04/21/06	6111359
			Dilution Factor: 4					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

F6F130266

CLIENT ANALYSIS SUMMARY

Storage Loc: 1-51

Project Manager: MLH Quote #: 69268 SDG: W04890

Date Received: 2006-06-13

Analytical Due Date: 2006-06-19

Project: 216-Z9-TRENCH F06-005

Report Due Date: 2006-06-19

PO#: Report to: Steve Trent

RUSH

Report Type: B Standard Report

Client: 108302 Fluor Hanford Inc

#SMPS in LOT: 1 EDD Code: FEADII

Sample Receipt Confirmation Required ** Limited Volume Sample ** See priorities below ** RUN LCS/ LCSD's ******
Anions: CCV/CCB criteria +/-10% Anions/Metals: CRDL standard required +/-25% pH needs to be done within 24 hours of receipt
WTPH needs to include Kerosene & diesel range Report = RO2 all raw data to reporting group **** Limited Volume Sample Priority ****
1) SVOC & TPH Diesel 2) Oil & Grease 3) TOC/TIC**

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
1	B1HL22			2006-04-06 / 850	H7AHE	SOLID

SAMPLE COMMENTS:

XX	HS	SW846 8015 MOD	Hydrocarbons, Extractable Petroleum (8015 MOD)	13	SONICATION - Low Level	01	STANDARD TEST SET	PROT: A	WRK LOC	06	

F6F130266

CLIENT COMMENTS SUMMARY

Storage Loc: **1-51**

Date Received: 2006-06-13

Analytical Due Date: 2006-06-19

Report Due Date: 2006-06-19

Report Type: B Standard Report

EDD Code: FEADII

Project Manager: MLH Quote #: 69268 SDG: W04890

Project: 216-Z9-TRENCH F06-005

PO#: Report to: Steve Trent

Client: 108302 Fluor Hanford Inc

RUSH

#SMPS in LOT: 1

Sample Receipt Confirmation Required
** Limited Volume Sample ** See priorities below
**** RUN LCS/ LCSD's ******
Anions: CCV/CCB criteria +/-10%
Anions/Metals: CRDL standard required +/-25%
pH needs to be done within 24 hours of receipt
WTPH needs to include Kerosene & diesel range
Report = RO2 all raw data to reporting group
**** Limited Volume Sample Priority ****
1) SVOC & TPH Diesel
2) Oil & Grease
3) TOC/TIC
4) Metals, Mercury, Hexavalent Chromium
5) Ammonia/
6) Anions/ Nitrate-Nitrite
7) PCBs
8) Cation Exchange Capacity
**** RUN LCS /LCSD's instead of Matrix QC *****

SEVERN TRENT STL

REANALYSIS/SUB_CONTRACT/CLIENT RETURN FORM

Request Initiated by: Melania Harris
Request Date: 6/13/2006
Quote number: 69268

SDG for new Log In
W04890

Request is for:
_____ **return to client**
_____ Re-analysis
_____ Sub-Contract sample
XXXX additional analysis

Needs new lot number, please add SDG as indicated above

Old Lot No.: F6D170197

Client ID	Sampled date/time*	Shelf Location	Analysis (include Rad Screen if required)
B1HL22	4/6/2006 8:50	1-293	TPH Diesel Kerosene

* or attach original Chain of custody

Due Date for new login: 06/19/06

For Sub-Contract or Return to Client:

Shipping Address: _____

Contact person: _____
Phone number: _____

Signature _____

Completed by: B-D Date: 06/13/06

New Login Lot No. F4F130244 (place copy of this form in old file)
Initial that Containers were Re-labeled BD (place below Lot no.of old label)

Form: STL-ADMIN-0016, STL-PM-002,Revised 9/01/05

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-161	PAGE 1 OF 1
COLLECTOR: Mokler/Pope/Pfister	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 8N; AIR QUALITY: ☐; DATA TURNAROUND: 45 Days / 45 Days
SAMPLING LOCATION: C3427, Slant, I-19-D	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO.: F06-005	
ICE CHEST NO.: 0022247	FIELD LOGBOOK NO.: HNF-N-360-1	COA: 121618ES10	METHOD OF SHIPMENT: FEDERAL EXPRESS	
SHIPPED TO: Severn Trent St. Louis	OFFSITE PROPERTY NO.: See RSR FJ009000		BILL OF LADING/AIR BILL NO.: See RSR FJ009000	

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS												
	PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C							
	TYPE OF CONTAINER	aG	aG	G	G							
	NO. OF CONTAINER(S)	1	1	1	1							
	VOLUME	120mL	120mL	120mL	120mL							
SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS							

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1HL22	SOIL	4/6/06	0850	X	X	X	X						

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: Z-9 Site Fridge	DATE/TIME: 4/13/06 1025	RECEIVED BY/STORED IN: M.A. Baechler M.G. Baechler	DATE/TIME: 4/13/06 1025
RELINQUISHED BY/REMOVED FROM: M.A. Baechler M.G. Baechler	DATE/TIME: 4/13/06 1025	RECEIVED BY/STORED IN: Fed Ex	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN: B-Ay	DATE/TIME: 4/15/06 0915
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {Dibutyl Butylphosphonate, Tributyl phosphate} TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} Mercury - 7471 - (CV);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Ammonia - 350.1;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F06-005-051	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N	DATA TURNAROUND
SAMPLING LOCATION C3427, Slant, I-21	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO. 0019954	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. See RSR FJ009000		BILL OF LADING/AIR BILL NO. See RSR FJ009000		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other		PRESERVATION	Cool <-7C and >-20C
		TYPE OF CONTAINER	aGs*
		NO. OF CONTAINER(S)	5
		VOLUME	40mL
	SPECIAL HANDLING AND/OR STORAGE NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1HK50	SOIL	4/4/06	0915	X									

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z9 Site Fridge 4/13/06	DATE/TIME 1025	RECEIVED BY/STORED IN M.A. Buechler M.G. Buechler 4/13/06	DATE/TIME 1025
RELINQUISHED BY/REMOVED FROM M.A. Buechler M.G. Buechler 4/13/06	DATE/TIME 1025	RECEIVED BY/STORED IN Fed Ex	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN B-Dil	DATE/TIME 4/5/06 0915
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix ofK, L, M, N, and P. These suffixes should NOT be used as part of the sample ID reported in the final data packages.***

The laboratory is to use one VOA bottle for moisture content determination

(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

SDG: W04890

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

REVISED

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-051	PAGE 1 OF 1
COLLECTOR: Mokler/Pope/Pfister/Weise	COMPANY CONTACT: TRENT, SJ — TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 8N — DATA TURNAROUND: 45 Days / 45 Days
SAMPLING LOCATION: C3427, Slant, I-21	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil	SAF NO.: F06-005	AIR QUALITY ☐
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-360-1 — COA: 121618ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.	

MATRIX*: A=Air, OL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	45 (Weil 4-4-06)
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK50	SOIL	4-4-06	0915	✓

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Wm Weise/Chuldian	4-4-06 1049	Site fridge	4-4-06 1049
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of K, L, M, and N. and P These suffixes should NOT be used as part of the sample ID reported in the final data packages. PMG 4/4/06

The laboratory is to use one VOA bottle for moisture content determination

(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

Depth 100'-102'

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F06-005-053	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐	DATA TURNAROUND 45 Days / 45 Days
SAMPLING LOCATION C3427, Slant, I-21	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005		
ICE CHEST NO. 0019954	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. See RSR FJ009000		BILL OF LADING/AIR BILL NO. See RSR FJ009000		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS												
	PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C							
	TYPE OF CONTAINER	aG	aG	G	G							
	NO. OF CONTAINER(S)	1	1	1	1							
	VOLUME	120mL	120mL	120mL	120mL							
SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS							

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
31HK52	SOIL	4/4/06	0915	X	X	X	X						

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z-9 Site Fridge 4/13/06	DATE/TIME 1025	RECEIVED BY/STORED IN M.A. Baecher M.G. Baecher 4/13/06	DATE/TIME 1025
RELINQUISHED BY/REMOVED FROM M.A. Baecher M.G. Baecher 4/13/06	DATE/TIME 1025	RECEIVED BY/STORED IN Fed Ex	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN B-A-[illegible] 4/15/06	DATE/TIME 0915
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {Dibutyl Butylphosphonate, Tributyl phosphate} TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} Mercury - 7471 - (CV);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Ammonia - 350.1;

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LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

REVISED

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SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-054	PAGE 1 OF 1

COLLECTOR: Mokler/Pope/Pfister	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: C3427, Slant, I-21	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO.: F06-005
ICE CHEST NO.: 0019954	FIELD LOGBOOK NO.: HNF-N-360-1	COA: 121618ES10	METHOD OF SHIPMENT: FEDERAL EXPRESS
SHIPPED TO: Severn Trent St. Louis	OFFSITE PROPERTY NO.: See RSR FJ009000		BILL OF LADING/AIR BILL NO.: See RSR FJ009000

PRICE CODE: 8N

AIR QUALITY: ☐

DATA TURNAROUND: 45 Days / 45 Days

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: 250 mL - 319g + 116g soil; 120 mL - 166g + 44g soil

SPECIAL HANDLING AND/OR STORAGE:

PRESERVATION	Cool 4C	Cool 4C										
TYPE OF CONTAINER	G	aG										
NO. OF CONTAINER(S)	1	1										
VOLUME	250mL	120mL										
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS										

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK52	SOIL	4-4-06	0915	✓	✓							

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: Wm Wise/Wm Wise	DATE/TIME: 4-4-06 1049	RECEIVED BY/STORED IN: Site fridge	DATE/TIME: 4/4/06 1049
RELINQUISHED BY/REMOVED FROM: Z9 Site Fridge	DATE/TIME: 4/13/06 1025	RECEIVED BY/STORED IN: M.H. Baechler M.G. Baechler	DATE/TIME: 4/13/06 1025
RELINQUISHED BY/REMOVED FROM: M.H. Baechler M.G. Baechler	DATE/TIME: 4/13/06 1025	RECEIVED BY/STORED IN: Led Ex	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)NO2/NO3 - 353.1; Soil Cation Exchange Capacity - 9080; Chromium Hex - 7196; Oil & Grease - 413.1;
(2)TOC - 415.1 {Total organic carbon} TIC - 415.1M {Total Inorganic Carbon}

depth 100'-102'

pg 2 of 2

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

REVISED

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-053	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister/Wide	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 8N	**DATA TURNAROUND** 45 Days / 45 Days	**AIR QUALITY** ☐	
SAMPLING LOCATION C3427, Slant, I-21	**PROJECT DESIGNATION** 216-Z-9 Trench Slant Characterization Borehole - Soil	**SAF NO.** F06-005	
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**

MATRIX*
A=Air
DI=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
120 mL - 173g + 51g SOIL ITEM(1)
120 mL - 171g + 49g SOIL PCB
120 mL - 167g + 45g SOIL ITEM(2)
120 mL - 166g + 44g SOIL ITEM(3)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C
TYPE OF CONTAINER	aG	aG	G/P	G
NO. OF CONTAINER(S)	1	1	1	1
VOLUME	120mL	120mL	120mL	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B1HK52	SOIL	4-4-06	0915	✓	✓	✓	✓

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Wide/WMWise	4-4-06 1049	site fridge	4-4-06 1049
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {1,2,4-Trimethylbenzene, Cyclohexanone, Dibutyl Butylphosphonate, Tributyl phosphate}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} ICP/MS - 200.8 (Hg);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphorous in phosphate, Sulfate} Cations (IC) - 300.7 {Nitrogen in ammonium}

depth 100'-102' (Coc trail only)

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-61B(03/03)

STL ST. LOUIS

SDG# W04890

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F06-005-159	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐	DATA TURNAROUND 45 Days / 45 Days
SAMPLING LOCATION C3427, Slant, I-19-D	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005		
ICE CHEST NO. 0022247	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. Su RSR FJ009000		BILL OF LADING/AIR BILL NO. Su RSR FJ009000		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS												
	PRESERVATION	Cool <-7C and >-20C										
	TYPE OF CONTAINER	aGs*										
	NO. OF CONTAINER(S)	5										
	VOLUME	40mL										
SPECIAL HANDLING AND/OR STORAGE NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS										

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
81HL20	SOIL	4/6/06	0850	X									

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z-9 Site Fridge	DATE/TIME 4/13/06 1025	RECEIVED BY/STORED IN M.A. Baechler M.A. Baechler	DATE/TIME 4/13/06 1025
RELINQUISHED BY/REMOVED FROM M.A. Baechler M.A. Baechler	DATE/TIME 4/13/06 1025	RECEIVED BY/STORED IN Fed Ex	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN B-[illegible]	DATE/TIME 4/15/06 0915
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix ofK, L, M, N, and P. These suffixes should NOT be used as part of the sample ID reported in the final data packages.***

The laboratory is to use one VOA bottle for moisture content determination

(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

SDG: W04890

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

REVISED

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SDG# W04890

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-159	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister /Wipe	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐
SAMPLING LOCATION C3427, Slant, 1-19-D	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	DATA TURNAROUND 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other		PRESERVATION	Cool <-7C and >-20C
		TYPE OF CONTAINER	aGs*
		NO. OF CONTAINER(S)	4/5 (WW 4-6)
		VOLUME	40mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1HL20	SOIL	4-6-06	0850 ✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Wilkins/John Wise	DATE/TIME 4-6-06 1009	RECEIVED BY/STORED IN Lefebvre Z-9	DATE/TIME 4/6/06 1009
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

AND P

VOA bottles will be labeled with an appended suffix ofK, L, M, and N. These suffixes should NOT be used as part of the sample ID reported in the final data packages.

PMG 4/6/6

The laboratory is to use one VOA bottle for moisture content determination

(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

REVISED

STL ST. LOUIS

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-043	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐
SAMPLING LOCATION C3427, Slant, I-19	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	DATA TURNAROUND 45 Days / 45 Days
ICE CHEST NO. 0022247	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. See RSR FJ009000		BILL OF LADING/AIR BILL NO. See RSR FJ009000	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other		PRESERVATION	Cool <-7C and >-20C
		TYPE OF CONTAINER	aGs*
		NO. OF CONTAINER(S)	5
		VOLUME	40ml.
	SPECIAL HANDLING AND/OR STORAGE NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
81HK45	SOIL	4/6/06	0850	X									

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z-9 Site Fridge 4/13/06	DATE/TIME 1025	RECEIVED BY/STORED IN M.A. Baechler M.G. Baechler 4/13/06	DATE/TIME 1025
RELINQUISHED BY/REMOVED FROM M.A. Baechler M.G. Baechler 4/13/06	DATE/TIME 1025	RECEIVED BY/STORED IN Fed EX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN B-[illegible]	DATE/TIME 4/15/06 0915
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix ofK, L, M, N, and P. These suffixes should NOT be used as part of the sample ID reported in the final data packages.***

The laboratory is to use one VOA bottle for moisture content determination

(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

REVISED

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-043	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-19	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization					

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS		
	PRESERVATION	Cool <-7C and >-20C
	TYPE OF CONTAINER	aGs*
	NO. OF CONTAINER(S)	5
	VOLUME	40mL
SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK45	SOIL	4/6/06	0850	K

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mokler/Pope	4/6/6-1009	Site-Freezer Z9	4/6/6-1009
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix ofK, L, M, and N AND P. These suffixes should NOT be used as part of the sample ID reported in the final data packages. PMK 4/6/06

The laboratory is to use one VOA bottle for moisture content determination
(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

STL ST. LOUIS

SDG# W04890

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-045	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ
SAMPLING LOCATION C3427, Slant, I-19	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005
ICE CHEST NO. 0022247	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. Sei RSR FJ009000		BILL OF LADING/AIR BILL NO. Sei RSR FJ009000

PRICE CODE 8N

AIR QUALITY ☐

DATA TURNAROUND 45 Days / 45 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C									
TYPE OF CONTAINER	aG	aG	G	G									
NO. OF CONTAINER(S)	1	1	1	1									
VOLUME	120mL	120mL	120mL	120mL									
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS									

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
01HK47	SOIL	4/6/06	0850	X	X	X	X						

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z-9 Site Friday	DATE/TIME 4/13/06 1025	RECEIVED BY/STORED IN M.H. Baechler M.A. Baechler	DATE/TIME 4/13/06 1025
RELINQUISHED BY/REMOVED FROM M.H. Baechler M.A. Baechler	DATE/TIME 4/13/06 1025	RECEIVED BY/STORED IN Fed EX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN B-A-P	DATE/TIME 4/15/06 0915
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {Dibutyl Butylphosphonate, Tributyl phosphate} TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} Mercury - 7471 - (CV);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Ammonia - 350.1;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-045	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
C3427, Slant, I-19	216-Z-9 Trench Slant Characterization Borehole - Soil	F06-005

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Waste Sampling & Characterization		

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS:
ITEM (1) - 185g + 63g SOIL
PCB - 178g, 58g SOIL
ITEM 2 176g, 56g SOIL
ITEM 3 189g, 79g SOIL

SPECIAL HANDLING AND/OR STORAGE:

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C					
TYPE OF CONTAINER	aG	aG	G/P	G					
NO. OF CONTAINER(S)	1	1	1	1					
VOLUME	120mL	120mL	120mL	120mL					
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS					

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK47	SOIL	4/6/06	0850	X	X	X	X					

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J Mokler/Pope/Pfister	4/6/6-1009	SITE REF Z9	4/6/6-1009
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {1,2,4-Trimethylbenzene, Cyclohexanone, Dibutyl Butylphosphonate, Tributyl phosphate}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} ICP/MS - 200.8 (Hg);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphorous in phosphate, Sulfate} Cations (IC) - 300.7 {Nitrogen in ammonium}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-046	PAGE 1 OF 1

COLLECTOR: Mokler/Pope/Pfister	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: C3427, Slant, I-19	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO.: F06-005
ICE CHEST NO.: 0022247	FIELD LOGBOOK NO.: HNF-N-360-1	COA: 121618ES10	METHOD OF SHIPMENT: FEDERAL EXPRESS
SHIPPED TO: Severn Trent St. Louis	OFFSITE PROPERTY NO.: Su RSR FJ009000		BILL OF LADING/AIR BILL NO.: Su RSR FJ009000

PRICE CODE: 8N

AIR QUALITY: ☐

DATA TURNAROUND: 45 Days / 45 Days

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: ITEM 1 339g, 136g soil; ITEM 2 192g, 72g soil

SPECIAL HANDLING AND/OR STORAGE:

PRESERVATION	Cool 4C	Cool 4C	
TYPE OF CONTAINER	G	aG	
NO. OF CONTAINER(S)	1	1	
VOLUME	250mL	120mL	
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK47	SOIL	4/6/06	0850		X							

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Nowak [signature]	4/6/6-1009	Site Ref 29	4/6/6-1009
Z-9 Site Friday	4/13/06 1025	M.H. Baucher M.G. Baucher	4/13/06 1025
M.H. Baucher M.G. Baucher	4/13/06 1025	Lead X	

SPECIAL INSTRUCTIONS

(1)NO2/NO3 - 353.1; Soil Cation Exchange Capacity - 9080; Chromium Hex - 7196; Oil & Grease - 413.1;
(2)TOC - 415.1 {Total organic carbon} TIC - 415.1M {Total Inorganic Carbon}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

REVISED

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-161	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐
SAMPLING LOCATION C3427, Slant, I-19-D	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	DATA TURNAROUND 45 Days / 45 Days
ICE CHEST NO. 0022247	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. See RSR FJ009000		BILL OF LADING/AIR BILL NO. See RSR FJ009000	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS												
	PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C							
	TYPE OF CONTAINER	aG	aG	G	G							
	NO. OF CONTAINER(S)	1	1	1	1							
	VOLUME	120mL	120mL	120mL	120mL							
SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS							

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
1HL22	SOIL	4/6/06	0850	X	X	X	X						

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z-Z Site Fridge	DATE/TIME 4/13/06 1025	RECEIVED BY/STORED IN M.A. Baechler M.G. Baechler	DATE/TIME 4/13/06 1025
RELINQUISHED BY/REMOVED FROM M.A. Baechler M.G. Baechler	DATE/TIME 4/13/06 1025	RECEIVED BY/STORED IN Fed EX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN B-[illegible]	DATE/TIME 4/15/06 0915
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {Dibutyl Butylphosphonate, Tributyl phosphate} TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} Mercury - 7471 - (CV);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Ammonia - 350.1;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-161	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister/Wilde	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-19-D	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization					

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

120mL #1 184g-122g=62g
PCBs - 183g-122=61
Item 2 - 185g-122g=63g
Item 3 - 177g-122g=55g

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C							
TYPE OF CONTAINER	aG	aG	G/P	G							
NO. OF CONTAINER(S)	1	1	1	1							
VOLUME	120mL	120mL	120mL	120mL							
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS							

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HL22	SOIL	4-6-06	0850	✓	✓	✓	✓					

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Wilde/Wilde/Wilde	4-6-06 1009	site fridge to	4-6-06 1009
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {1,2,4-Trimethylbenzene, Cyclohexanone, Dibutyl Butylphosphonate, Tributyl phosphate}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} ICP/MS - 200.8 (Hg);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphorous in phosphate, Sulfate} Cations (IC) - 300.7 {Nitrogen in ammonium}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-162	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION C3427, Slant, I-19-D	**PROJECT DESIGNATION** 216-Z-9 Trench Slant Characterization Borehole - Soil		**SAF NO.** F06-005
ICE CHEST NO. 0022247	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** FEDERAL EXPRESS
SHIPPED TO Severn Trent St. Louis	**OFFSITE PROPERTY NO.** Su RSR FJ009000		**BILL OF LADING/AIR BILL NO.** Su RSR FJ009000

PRICE CODE 8N

AIR QUALITY ☐

DATA TURNAROUND 45 Days / 45 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

~~250mL = 202g~~ Wand 4-6
250 mL = ~~203g~~ - 143g
125mL = 80g

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C										
TYPE OF CONTAINER	G	aG										
NO. OF CONTAINER(S)	1	1										
VOLUME	250mL	120mL										
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS										

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HL22	SOIL	4-6-06	0850	✓	✓							

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Wm Wise / Wm Wise	4-6-06 1009	site fridge	4-6-06 1009
Z9 Site Fridge	4/13/06 1025	M.H. Baeyhler M.G. Baeyhler	4/13/06 1025
M.H. Baeyhler M.G. Baeyhler	4/13/06 1025	HD EX	

SPECIAL INSTRUCTIONS

(1)NO2/NO3 - 353.1; Soil Cation Exchange Capacity - 9080; Chromium Hex - 7196; Oil & Grease - 413.1;
(2)TOC - 415.1 {Total organic carbon} TIC - 415.1M {Total Inorganic Carbon}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

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DSR.Jar v. 2.7.17

I-21

GEA Radscreen Results for SDG 222S20060416
Z9 SLANT 1

Category: R
Core Number: 222S20060416
Segment Number: B1HKC9
Segment Portion: Special Sample (Total)

Sample# R	A#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err %	Qual Flags
S06Z001075		Actinium-228	uCi/g	n/a	n/a	<1.5E-05	n/a	n/a	n/a	n/a	1.5E-05	n/a	U
S06Z001075		Aluminum-28	uCi/g	n/a	n/a	<1.2E-04	n/a	n/a	n/a	n/a	1.2E-04	n/a	U
S06Z001075		Americium-241	uCi/g	n/a	n/a	0.0675	n/a	n/a	n/a	n/a	1.7E-04	6.05	
S06Z001075		Americium-243	uCi/g	n/a	n/a	<5.8E-06	n/a	n/a	n/a	n/a	5.8E-06	n/a	U
S06Z001075		Antimony-124	uCi/g	n/a	n/a	<2.9E-06	n/a	n/a	n/a	n/a	2.9E-06	n/a	U
S06Z001075		Antimony-125	uCi/g	n/a	n/a	<9.1E-06	n/a	n/a	n/a	n/a	9.1E-06	n/a	U
S06Z001075		Antimony-126	uCi/g	n/a	n/a	<2.9E-06	n/a	n/a	n/a	n/a	2.9E-06	n/a	U
S06Z001075		Argon-41	uCi/g	n/a	n/a	<5.6E-06	n/a	n/a	n/a	n/a	5.6E-06	n/a	U
S06Z001075		Barium-133	uCi/g	n/a	n/a	<4.7E-06	n/a	n/a	n/a	n/a	4.7E-06	n/a	U
S06Z001075		Barium-140	uCi/g	n/a	n/a	<1.0E-05	n/a	n/a	n/a	n/a	1.0E-05	n/a	U
S06Z001075		Beryllium-7	uCi/g	n/a	n/a	<2.6E-05	n/a	n/a	n/a	n/a	2.6E-05	n/a	U
S06Z001075		Bismuth-207	uCi/g	n/a	n/a	<4.5E-06	n/a	n/a	n/a	n/a	4.5E-06	n/a	U
S06Z001075		Bismuth-212	uCi/g	n/a	n/a	<2.6E-05	n/a	n/a	n/a	n/a	2.6E-05	n/a	U
S06Z001075		Bismuth-214	uCi/g	n/a	n/a	<6.2E-06	n/a	n/a	n/a	n/a	6.2E-06	n/a	U
S06Z001075		Cadmium-109	uCi/g	n/a	n/a	<5.8E-05	n/a	n/a	n/a	n/a	5.8E-05	n/a	U
S06Z001075		Cerium-139	uCi/g	n/a	n/a	<2.2E-06	n/a	n/a	n/a	n/a	2.2E-06	n/a	U
S06Z001075		Cerium-141	uCi/g	n/a	n/a	<3.5E-06	n/a	n/a	n/a	n/a	3.5E-06	n/a	U
S06Z001075		Cerium-144	uCi/g	n/a	n/a	<1.5E-05	n/a	n/a	n/a	n/a	1.5E-05	n/a	U
S06Z001075		Cerium/Praseodymium-144	uCi/g	n/a	n/a	<3.0E-05	n/a	n/a	n/a	n/a	3.0E-05	n/a	U
S06Z001075		Cesium-134	uCi/g	n/a	n/a	<3.4E-06	n/a	n/a	n/a	n/a	3.4E-06	n/a	U
S06Z001075		Cesium-136	uCi/g	n/a	n/a	<3.1E-06	n/a	n/a	n/a	n/a	3.1E-06	n/a	U
S06Z001075		Cesium-137	uCi/g	n/a	n/a	<4.1E-06	n/a	n/a	n/a	n/a	4.1E-06	n/a	U
S06Z001075		Cesium-138	uCi/g	n/a	n/a	<1.5E-05	n/a	n/a	n/a	n/a	1.5E-05	n/a	U
S06Z001075		Chlorine-38	uCi/g	n/a	n/a	<2.5E-05	n/a	n/a	n/a	n/a	2.5E-05	n/a	U
S06Z001075		Chromium-51	uCi/g	n/a	n/a	<2.4E-05	n/a	n/a	n/a	n/a	2.4E-05	n/a	U
S06Z001075		Cobalt-56	uCi/g	n/a	n/a	<3.3E-06	n/a	n/a	n/a	n/a	3.3E-06	n/a	U
S06Z001075		Cobalt-57	uCi/g	n/a	n/a	<2.0E-06	n/a	n/a	n/a	n/a	2.0E-06	n/a	U
S06Z001075		Cobalt-58	uCi/g	n/a	n/a	<3.2E-06	n/a	n/a	n/a	n/a	3.2E-06	n/a	U
S06Z001075		Cobalt-60	uCi/g	n/a	n/a	<3.2E-06	n/a	n/a	n/a	n/a	3.2E-06	n/a	U

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GEA Radscreen Results for SDG 222S20060416
Z9 SLANT 1

Category: R
Core Number: 222S20060416
Segment Number: B1HKC9
Segment Portion: Special Sample (Total)

Sample# R	A#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err %	Qual Flags
S06Z001075		Copper-64	uCi/g	n/a	n/a	<7.6E-04	n/a	n/a	n/a	n/a	7.6E-04	n/a	U
S06Z001075		Copper-66	uCi/g	n/a	n/a	<7.3E-04	n/a	n/a	n/a	n/a	7.3E-04	n/a	U
S06Z001075		Europium-152	uCi/g	n/a	n/a	<1.7E-05	n/a	n/a	n/a	n/a	1.7E-05	n/a	U
S06Z001075		Europium-154	uCi/g	n/a	n/a	<1.0E-05	n/a	n/a	n/a	n/a	1.0E-05	n/a	U
S06Z001075		Europium-155	uCi/g	n/a	n/a	<9.4E-06	n/a	n/a	n/a	n/a	9.4E-06	n/a	U
S06Z001075		Gold-198	uCi/g	n/a	n/a	<2.8E-06	n/a	n/a	n/a	n/a	2.8E-06	n/a	U
S06Z001075		Hafnium-181	uCi/g	n/a	n/a	<3.3E-06	n/a	n/a	n/a	n/a	3.3E-06	n/a	U
S06Z001075		Iodine-129	uCi/g	n/a	n/a	<0.021	n/a	n/a	n/a	n/a	0.020	n/a	U
S06Z001075		Iodine-131	uCi/g	n/a	n/a	<3.0E-06	n/a	n/a	n/a	n/a	3.0E-06	n/a	U
S06Z001075		Iron-59	uCi/g	n/a	n/a	<6.4E-06	n/a	n/a	n/a	n/a	6.4E-06	n/a	U
S06Z001075		Krypton-85	uCi/g	n/a	n/a	<8.7E-04	n/a	n/a	n/a	n/a	8.7E-04	n/a	U
S06Z001075		Lanthanum-140	uCi/g	n/a	n/a	<3.4E-06	n/a	n/a	n/a	n/a	3.4E-06	n/a	U
S06Z001075		Lead-210	uCi/g	n/a	n/a	<6.8E-03	n/a	n/a	n/a	n/a	6.8E-03	n/a	U
S06Z001075		Lead-212	uCi/g	n/a	n/a	<5.4E-06	n/a	n/a	n/a	n/a	5.4E-06	n/a	U
S06Z001075		Lead-214	uCi/g	n/a	n/a	<7.7E-06	n/a	n/a	n/a	n/a	7.7E-06	n/a	U
S06Z001075		Manganese-54	uCi/g	n/a	n/a	<3.2E-06	n/a	n/a	n/a	n/a	3.2E-06	n/a	U
S06Z001075		Manganese-56	uCi/g	n/a	n/a	<4.6E-06	n/a	n/a	n/a	n/a	4.6E-06	n/a	U
S06Z001075		Mercury-203	uCi/g	n/a	n/a	<2.9E-06	n/a	n/a	n/a	n/a	2.9E-06	n/a	U
S06Z001075		Neptunium-237	uCi/g	n/a	n/a	<1.9E-05	n/a	n/a	n/a	n/a	1.9E-05	n/a	U
S06Z001075		Neptunium-238	uCi/g	n/a	n/a	<1.2E-05	n/a	n/a	n/a	n/a	1.2E-05	n/a	U
S06Z001075		Neptunium-239	uCi/g	n/a	n/a	<7.0E-06	n/a	n/a	n/a	n/a	7.0E-06	n/a	U
S06Z001075		Niobium-94	uCi/g	n/a	n/a	<3.2E-06	n/a	n/a	n/a	n/a	3.2E-06	n/a	U
S06Z001075		Plutonium-239	uCi/g	n/a	n/a	<0.028	n/a	n/a	n/a	n/a	0.028	n/a	U
S06Z001075		Potassium-40	uCi/g	n/a	n/a	<9.3E-05	n/a	n/a	n/a	n/a	9.3E-05	n/a	U
S06Z001075		Protactinium-233	uCi/g	n/a	n/a	<6.3E-06	n/a	n/a	n/a	n/a	6.3E-06	n/a	U
S06Z001075		Protactinium-234	uCi/g	n/a	n/a	<5.3E-04	n/a	n/a	n/a	n/a	5.3E-04	n/a	U
S06Z001075		Radium-224	uCi/g	n/a	n/a	<6.1E-05	n/a	n/a	n/a	n/a	6.1E-05	n/a	U
S06Z001075		Radium-226	uCi/g	n/a	n/a	<5.8E-05	n/a	n/a	n/a	n/a	5.8E-05	n/a	U
S06Z001075		Rubidium/Rhodium-106	uCi/g	n/a	n/a	<5.7E-05	n/a	n/a	n/a	n/a	5.7E-05	n/a	U

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DSR.Jar v. 2.7.17

GEA Radscreen Results for SDG 222S20060416
Z9 SLANT 1

Category: R
Core Number: 222S20060416
Segment Number: B1HKC9
Segment Portion: Special Sample (Total)

Sample# R	A#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err %	Qual Flags
S06Z001075		Ruthenium-103	uCi/g	n/a	n/a	<3.0E-06	n/a	n/a	n/a	n/a	3.0E-06	n/a	U
S06Z001075		Scandium-46	uCi/g	n/a	n/a	<4.3E-06	n/a	n/a	n/a	n/a	4.3E-06	n/a	U
S06Z001075		Selenium-75	uCi/g	n/a	n/a	<3.7E-06	n/a	n/a	n/a	n/a	3.7E-06	n/a	U
S06Z001075		Selenium-79	uCi/g	n/a	n/a	<5.4E-04	n/a	n/a	n/a	n/a	5.4E-04	n/a	U
S06Z001075		Silver-108	uCi/g	n/a	n/a	<3.4E-06	n/a	n/a	n/a	n/a	3.4E-06	n/a	U
S06Z001075		Silver-110	uCi/g	n/a	n/a	<3.6E-06	n/a	n/a	n/a	n/a	3.6E-06	n/a	U
S06Z001075		Sodium-22	uCi/g	n/a	n/a	<3.6E-06	n/a	n/a	n/a	n/a	3.6E-06	n/a	U
S06Z001075		Sodium-24	uCi/g	n/a	n/a	<3.4E-06	n/a	n/a	n/a	n/a	3.4E-06	n/a	U
S06Z001075		Strontium-85	uCi/g	n/a	n/a	<3.8E-06	n/a	n/a	n/a	n/a	3.8E-06	n/a	U
S06Z001075		Tantalum-182	uCi/g	n/a	n/a	<1.2E-05	n/a	n/a	n/a	n/a	1.2E-05	n/a	U
S06Z001075		Tellurium-123	uCi/g	n/a	n/a	<2.0E-06	n/a	n/a	n/a	n/a	2.0E-06	n/a	U
S06Z001075		Tellurium-125	uCi/g	n/a	n/a	<1.5	n/a	n/a	n/a	n/a	1.5	n/a	U
S06Z001075		Thallium-208	uCi/g	n/a	n/a	<3.8E-06	n/a	n/a	n/a	n/a	3.8E-06	n/a	U
S06Z001075		Thorium-228	uCi/g	n/a	n/a	<1.9E-04	n/a	n/a	n/a	n/a	1.9E-04	n/a	U
S06Z001075		Thorium-229	uCi/g	n/a	n/a	<2.2E-05	n/a	n/a	n/a	n/a	2.2E-05	n/a	U
S06Z001075		Thorium-234	uCi/g	n/a	n/a	<5.3E-04	n/a	n/a	n/a	n/a	5.3E-04	n/a	U
S06Z001075		Tin-113	uCi/g	n/a	n/a	<4.1E-06	n/a	n/a	n/a	n/a	4.1E-06	n/a	U
S06Z001075		Tin-126	uCi/g	n/a	n/a	<4.9E-06	n/a	n/a	n/a	n/a	4.9E-06	n/a	U
S06Z001075		Uranium-232	uCi/g	n/a	n/a	<0.076	n/a	n/a	n/a	n/a	0.076	n/a	U
S06Z001075		Uranium-235	uCi/g	n/a	n/a	<3.5E-06	n/a	n/a	n/a	n/a	3.5E-06	n/a	U
S06Z001075		Uranium-237	uCi/g	n/a	n/a	<1.0E-05	n/a	n/a	n/a	n/a	1.0E-05	n/a	U
S06Z001075		Uranium/Thorium-233	uCi/g	n/a	n/a	<2.0E-03	n/a	n/a	n/a	n/a	2.0E-03	n/a	U
S06Z001075		Xenon-131	uCi/g	n/a	n/a	<8.9E-05	n/a	n/a	n/a	n/a	8.9E-05	n/a	U
S06Z001075		Yttrium-88	uCi/g	n/a	n/a	<2.7E-06	n/a	n/a	n/a	n/a	2.7E-06	n/a	U
S06Z001075		Yttrium-91	uCi/g	n/a	n/a	<1.4E-03	n/a	n/a	n/a	n/a	1.4E-03	n/a	U
S06Z001075		Zinc-65	uCi/g	n/a	n/a	<8.5E-06	n/a	n/a	n/a	n/a	8.5E-06	n/a	U
S06Z001075		Zirconium/Neodymium-95	uCi/g	n/a	n/a	<6.6E-06	n/a	n/a	n/a	n/a	6.6E-06	n/a	U

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Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F06-005-050	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐	DATA TURNAROUND 45 Days / 45 Days
SAMPLING LOCATION C3427, Slant, I-21	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005		
ICE CHEST NO. 0019954	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. See RSR FJ009000		BILL OF LADING/AIR BILL NO. See RSR FJ009000		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS		
	PRESERVATION	Cool 4C
	TYPE OF CONTAINER	aGs*
	NO. OF CONTAINER(S)	3
	VOLUME	40ml.
SPECIAL HANDLING AND/OR STORAGE Preserve with methanol after collection	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
31HK49	SOIL	4/4/06	0915	X									

Hold-only

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z9 Site Fridge 4/13/06	DATE/TIME 1025	RECEIVED BY/STORED IN M.A. Baechler M.A. Baechler 4/13/06	DA
RELINQUISHED BY/REMOVED FROM M.A. Baechler M.A. Baechler 4/13/06	DATE/TIME 1025	RECEIVED BY/STORED IN Fed Ex	DA
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN [signature] 4/15/0	D
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

T CHAIN OF POSSESSION
suffix of W, X, and Y. These
le ID reported in the final data

5/8260 (HIGH LEVEL) - (Add-On)
e, Cyclohexanone, Hexane, n-

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-050	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister/ White	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE BN AIR QUALITY ☐	DATA TURNAROUND 45 Days / 45 Days
SAMPLING LOCATION C3427, Slant, I-21	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005		
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE
Preserve with methanol after collection

PRESERVATION	Cool 4C										
TYPE OF CONTAINER	aGs*										
NO. OF CONTAINER(S)	3										
VOLUME	40mL										
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS										

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK49	SOIL	4-4-06	0915	✓								

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
WM Wise/ WM Wise	4-4-06 1049	Sete fridge	4-4-06 1049
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.
(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

depth 100'-102'

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

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STL ST. LOUIS

SDG# W04890

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F06-005-052	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT CODRDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐	DATA TURNAROUND 45 Days / 45 Days
SAMPLING LOCATION C3427, Slant, I-21	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005		
ICE CHEST NO. 0019954	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. See RSR FJ009000		BILL OF LADING/AIR BILL NO. See RSR FJ009000		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS		
	PRESERVATION	Cool 4C
	TYPE OF CONTAINER	aGs*
	NO. OF CONTAINER(S)	1
	VOLUME	40mL
SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
81HK51	SOIL	4/4/06	0915	X									

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z-9 Site Friday 4/13/06	DATE/TIME 1025	RECEIVED BY/STORED IN M.H. Boechler M.G. Boechler 4/13/06	DATE/TIME 1025
RELINQUISHED BY/REMOVED FROM M.H. Boechler M.G. Boechler 4/13/06	DATE/TIME 1025	RECEIVED BY/STORED IN Fed EX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN [signature] 4/15/06	DATE/TIME 095
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SI
NC ... SESSION
(1) ... rimethylbenzene,
1-B

Hold only!

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

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SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-052	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 8N	**DATA TURNAROUND**
SAMPLING LOCATION C3427, Slant, I-21	**PROJECT DESIGNATION** 216-Z-9 Trench Slant Characterization Borehole - Soil		**SAF NO.** F06-005	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	1
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1HK51	SOIL	4/4/6	0915

REVISED

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Wm Wade/Wm Wise	4-4-06 1049	Site Bridge	4-4-06 - 1049

SPECIAL INSTRUCTIONS

(1)VOA - 5035/8260 (TCL); VOA - 5035/8260 - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

DEPTH - 100'-102'

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# M0480

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-042	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
C3427, Slant, I-19	216-Z-9 Trench Slant Characterization Borehole - Soil	F06-005

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
0022247	HNF-N-360-1	121618ES10	FEDERAL EXPRESS

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Severn Trent St. Louis	Su RSR FJ009000	Su RSR FJ009000

MATRIX*
A=Air
Dl=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE
Preserve with methanol after collection

PRESERVATION	Cool 4C											
TYPE OF CONTAINER	aGs*											
NO. OF CONTAINER(S)	3											
VOLUME	40mL											
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS											

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK44	SOIL	4/6/06	0850	X								

Hold

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
24 Sat Friday	4/3/06 1025	M.H. Beechler M.G. Beechler	4/13/06 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
M.H. Beechler M.G. Beechler	4/13/06 1025	Fed EX	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
		B-A-f	4/15/06 0915
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS
NOTE: ORIGINAL COC AT
***VOA bottles will be la
suffixes should NOT be u
packages.***
(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

REVISED

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SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-042	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 8N	**AIR QUALITY** ☐	**DATA TURNAROUND** 45 Days / 45 Days	
SAMPLING LOCATION C3427, Slant, I-19	**PROJECT DESIGNATION** 216-Z-9 Trench Slant Characterization Borehole - Soil	**SAF NO.** F06-005	
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**

MATRIX*
A=Air
DI.=Drum Liquids
OS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE
Preserve with methanol after collection

PRESERVATION	Cool 4C											
TYPE OF CONTAINER	aGs*											
NO. OF CONTAINER(S)	3											
VOLUME	40mL											
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS											

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK44	SOIL	4/6/06	0850	X								

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
[illegible]	4/6/6 1009	SITE REF Z9	4/6/6-1009

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.
(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(03/03)

REVISED

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-158	PAGE 1 OF 1

COLLECTOR: Mokler/Pope/Pfister	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8N	DATA TURNAROUND: 45 Days / 45 Days	AIR QUALITY: ☐	
SAMPLING LOCATION: C3427, Slant, I-19-D	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil	SAF NO.: F06-005	
ICE CHEST NO.: 0022247	FIELD LOGBOOK NO.: HNF-N-360-1	COA: 121618ES10	METHOD OF SHIPMENT: FEDERAL EXPRESS
SHIPPED TO: Severn Trent St. Louis	OFFSITE PROPERTY NO.: SU RSR FJ004000	BILL OF LADING/AIR BILL NO.: SU RSR FJ004000	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE
Preserve with methanol after collection

PRESERVATION	Cool 4C												
TYPE OF CONTAINER	aGs*												
NO. OF CONTAINER(S)	2 MAB 4/13/06												
VOLUME	40mL												
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS												

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME											
31HL19	SOIL	4/6/06	0850	X										

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: Z-9 Site Fridge	DATE/TIME: 4/13/06 1025	RECEIVED BY/STORED IN: M.H. Bauchler/M.G. Bauchler	DATE/TIME: 4/13/06 1025
RELINQUISHED BY/REMOVED FROM: M.H. Bauchler/M.G. Bauchler	DATE/TIME: 4/13/06 1025	RECEIVED BY/STORED IN: Lab EX	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN: B-A	DATE/TIME: 4/15/06 09:15
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN	DATE/TIME:

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.
(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDC# M0908 RELEASED

STL ST. LOUIS

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-158	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-19-D	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
	HNF-N-360-1	121618FS10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization					

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE
Preserve with methanol after collection

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	2 (White)
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HL19	SOIL	4-6-06	0850	✓

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
[illegible] / [illegible]	4-6-06 1009	Life fridge	4-6-06 1009
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.
(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

"W" Broken, Not shipped

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# M0F8 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-160	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ		
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY** ☐	45 Days / 45 Days
C3427, Slant, I-19-D	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO. 0022247	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	**OFFSITE PROPERTY NO.** SEE RSR FJ009000		**BILL OF LADING/AIR BILL NO.** SEE RSR FJ009000		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C												
TYPE OF CONTAINER	aGs*												
NO. OF CONTAINER(S)	1												
VOLUME	40mL												
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS												

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME											
B1HL21	SOIL	4/6/06	0850	X										

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Z-9 Site Bridge	4/13/06 1025	M.H. Buechler M.H. Buechler	4/13/06 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
M.H. Buechler M.H. Buechler	4/13/06 1025	Fed Ex	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
		B-Day	4/17/06 0915
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
(1)VOA - 5035/8260 (TCL); VOA - 5035/8260 - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

STL ST. LOUIS

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SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-160	PAGE 1 OF 1
COLLECTOR: Mokler/Pope/Pfister	COMPANY CONTACT: TRENT, SJ — TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 8N — DATA TURNAROUND: 45 Days / 45 Days
SAMPLING LOCATION: C3427, Slant, I-19-D	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil	SAF NO.: F06-005	AIR QUALITY ☐
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-360-1 — COA: 121618ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	1
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HL21	SOIL	4-6-06	0850	✓

REVISED

CHAIN OF POSSESSION — RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES — RECEIVED BY/STORED IN	DATE/TIME
Lewis Wade/Wm Wise	4-6-06 1009	Site Bridge	4-6-06 1009
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)VOA - 5035/8260 (TCL); VOA - 5035/8260 - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

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I-19

GEA Radscreen Results for SDG 222S20060425
Z9 SLANT 1

Category: R
Core Number: 222S20060425
Segment Number: B1HKD4
Segment Portion: Special Sample (Total)

Sample#	R	A#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err %	Qual Flags
S06Z001076			Actinium-228	uCi/g	n/a	n/a	<1.6E-05	n/a	n/a	n/a	n/a	1.6E-05	n/a	U
S06Z001076			Aluminum-28	uCi/g	n/a	n/a	<1.3E-04	n/a	n/a	n/a	n/a	1.3E-04	n/a	U
S06Z001076			Americium-241	uCi/g	n/a	n/a	0.0835	n/a	n/a	n/a	n/a	1.9E-04	6.05	
S06Z001076			Americium-243	uCi/g	n/a	n/a	<6.4E-06	n/a	n/a	n/a	n/a	6.4E-06	n/a	U
S06Z001076			Antimony-124	uCi/g	n/a	n/a	<3.2E-06	n/a	n/a	n/a	n/a	3.2E-06	n/a	U
S06Z001076			Antimony-125	uCi/g	n/a	n/a	<9.5E-06	n/a	n/a	n/a	n/a	9.5E-06	n/a	U
S06Z001076			Antimony-126	uCi/g	n/a	n/a	<3.2E-06	n/a	n/a	n/a	n/a	3.2E-06	n/a	U
S06Z001076			Argon-41	uCi/g	n/a	n/a	<6.1E-06	n/a	n/a	n/a	n/a	6.1E-06	n/a	U
S06Z001076			Barium-133	uCi/g	n/a	n/a	<4.9E-06	n/a	n/a	n/a	n/a	4.9E-06	n/a	U
S06Z001076			Barium-140	uCi/g	n/a	n/a	<1.2E-05	n/a	n/a	n/a	n/a	1.2E-05	n/a	U
S06Z001076			Beryllium-7	uCi/g	n/a	n/a	<2.7E-05	n/a	n/a	n/a	n/a	2.7E-05	n/a	U
S06Z001076			Bismuth-207	uCi/g	n/a	n/a	<5.0E-06	n/a	n/a	n/a	n/a	5.0E-06	n/a	U
S06Z001076			Bismuth-212	uCi/g	n/a	n/a	<2.9E-05	n/a	n/a	n/a	n/a	2.9E-05	n/a	U
S06Z001076			Bismuth-214	uCi/g	n/a	n/a	<8.3E-06	n/a	n/a	n/a	n/a	8.3E-06	n/a	U
S06Z001076			Cadmium-109	uCi/g	n/a	n/a	<6.3E-05	n/a	n/a	n/a	n/a	6.3E-05	n/a	U
S06Z001076			Cerium-139	uCi/g	n/a	n/a	<2.3E-06	n/a	n/a	n/a	n/a	2.3E-06	n/a	U
S06Z001076			Cerium-141	uCi/g	n/a	n/a	<3.8E-06	n/a	n/a	n/a	n/a	3.8E-06	n/a	U
S06Z001076			Cerium-144	uCi/g	n/a	n/a	<1.6E-05	n/a	n/a	n/a	n/a	1.6E-05	n/a	U
S06Z001076			Cerium/Praseodymium-144	uCi/g	n/a	n/a	<3.2E-05	n/a	n/a	n/a	n/a	3.2E-05	n/a	U
S06Z001076			Cesium-134	uCi/g	n/a	n/a	<3.7E-06	n/a	n/a	n/a	n/a	3.7E-06	n/a	U
S06Z001076			Cesium-136	uCi/g	n/a	n/a	<3.5E-06	n/a	n/a	n/a	n/a	3.5E-06	n/a	U
S06Z001076			Cesium-137	uCi/g	n/a	n/a	<4.4E-06	n/a	n/a	n/a	n/a	4.4E-06	n/a	U
S06Z001076			Cesium-138	uCi/g	n/a	n/a	<1.6E-05	n/a	n/a	n/a	n/a	1.6E-05	n/a	U
S06Z001076			Chlorine-38	uCi/g	n/a	n/a	<2.7E-05	n/a	n/a	n/a	n/a	2.7E-05	n/a	U
S06Z001076			Chromium-51	uCi/g	n/a	n/a	<2.5E-05	n/a	n/a	n/a	n/a	2.5E-05	n/a	U
S06Z001076			Cobalt-56	uCi/g	n/a	n/a	<3.6E-06	n/a	n/a	n/a	n/a	3.6E-06	n/a	U
S06Z001076			Cobalt-57	uCi/g	n/a	n/a	<2.2E-06	n/a	n/a	n/a	n/a	2.2E-06	n/a	U
S06Z001076			Cobalt-58	uCi/g	n/a	n/a	<3.5E-06	n/a	n/a	n/a	n/a	3.5E-06	n/a	U
S06Z001076			Cobalt-60	uCi/g	n/a	n/a	<3.7E-06	n/a	n/a	n/a	n/a	3.7E-06	n/a	U

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GEA Radscreen Results for SDG 222S20060425
Z9 SLANT 1

Category: R
Core Number: 222S20060425
Segment Number: B1HKD4
Segment Portion: Special Sample (Total)

Sample# R	A#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err %	Qual Flags
S06Z001076		Copper-64	uCi/g	n/a	n/a	<8.2E-04	n/a	n/a	n/a	n/a	8.2E-04	n/a	U
S06Z001076		Copper-66	uCi/g	n/a	n/a	<8.2E-04	n/a	n/a	n/a	n/a	8.2E-04	n/a	U
S06Z001076		Europium-152	uCi/g	n/a	n/a	<1.8E-05	n/a	n/a	n/a	n/a	1.8E-05	n/a	U
S06Z001076		Europium-154	uCi/g	n/a	n/a	<1.2E-05	n/a	n/a	n/a	n/a	1.2E-05	n/a	U
S06Z001076		Europium-155	uCi/g	n/a	n/a	<1.1E-05	n/a	n/a	n/a	n/a	1.1E-05	n/a	U
S06Z001076		Gold-198	uCi/g	n/a	n/a	<3.0E-06	n/a	n/a	n/a	n/a	3.0E-06	n/a	U
S06Z001076		Hafnium-181	uCi/g	n/a	n/a	<3.6E-06	n/a	n/a	n/a	n/a	3.6E-06	n/a	U
S06Z001076		Iodine-129	uCi/g	n/a	n/a	<0.024	n/a	n/a	n/a	n/a	0.024	n/a	U
S06Z001076		Iodine-131	uCi/g	n/a	n/a	<3.2E-06	n/a	n/a	n/a	n/a	3.2E-06	n/a	U
S06Z001076		Iron-59	uCi/g	n/a	n/a	<7.1E-06	n/a	n/a	n/a	n/a	7.1E-06	n/a	U
S06Z001076		Krypton-85	uCi/g	n/a	n/a	<9.3E-04	n/a	n/a	n/a	n/a	9.3E-04	n/a	U
S06Z001076		Lanthanum-140	uCi/g	n/a	n/a	<3.6E-06	n/a	n/a	n/a	n/a	3.6E-06	n/a	U
S06Z001076		Lead-210	uCi/g	n/a	n/a	<7.8E-03	n/a	n/a	n/a	n/a	7.8E-03	n/a	U
S06Z001076		Lead-212	uCi/g	n/a	n/a	<5.7E-06	n/a	n/a	n/a	n/a	5.7E-06	n/a	U
S06Z001076		Lead-214	uCi/g	n/a	n/a	<7.9E-06	n/a	n/a	n/a	n/a	7.9E-06	n/a	U
S06Z001076		Manganese-54	uCi/g	n/a	n/a	<3.6E-06	n/a	n/a	n/a	n/a	3.6E-06	n/a	U
S06Z001076		Manganese-56	uCi/g	n/a	n/a	<4.9E-06	n/a	n/a	n/a	n/a	4.9E-06	n/a	U
S06Z001076		Mercury-203	uCi/g	n/a	n/a	<3.2E-06	n/a	n/a	n/a	n/a	3.2E-06	n/a	U
S06Z001076		Neptunium-237	uCi/g	n/a	n/a	<2.0E-05	n/a	n/a	n/a	n/a	2.0E-05	n/a	U
S06Z001076		Neptunium-238	uCi/g	n/a	n/a	<1.3E-05	n/a	n/a	n/a	n/a	1.3E-05	n/a	U
S06Z001076		Neptunium-239	uCi/g	n/a	n/a	<7.6E-06	n/a	n/a	n/a	n/a	7.6E-06	n/a	U
S06Z001076		Niobium-94	uCi/g	n/a	n/a	<3.5E-06	n/a	n/a	n/a	n/a	3.5E-06	n/a	U
S06Z001076		Plutonium-239	uCi/g	n/a	n/a	<0.029	n/a	n/a	n/a	n/a	0.029	n/a	U
S06Z001076		Potassium-40	uCi/g	n/a	n/a	<1.0E-04	n/a	n/a	n/a	n/a	1.0E-04	n/a	U
S06Z001076		Protactinium-233	uCi/g	n/a	n/a	7.3E-06	n/a	n/a	n/a	n/a	4.2E-06	36.23	J
S06Z001076		Protactinium-234	uCi/g	n/a	n/a	<5.5E-04	n/a	n/a	n/a	n/a	5.5E-04	n/a	U
S06Z001076		Radium-224	uCi/g	n/a	n/a	<6.5E-05	n/a	n/a	n/a	n/a	6.5E-05	n/a	U
S06Z001076		Radium-226	uCi/g	n/a	n/a	<6.0E-05	n/a	n/a	n/a	n/a	6.0E-05	n/a	U
S06Z001076		Rubidium/Rhodium-106	uCi/g	n/a	n/a	<6.2E-05	n/a	n/a	n/a	n/a	6.2E-05	n/a	U

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GEA Radscreen Results for SDG 222S20060425
Z9 SLANT 1

Category: R
Core Number: 222S20060425
Segment Number: B1HKD4
Segment Portion: Special Sample (Total)

Sample#	R	A#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err %	Qual Flags
S06Z001076			Ruthenium-103	uCi/g	n/a	n/a	<3.2E-06	n/a	n/a	n/a	n/a	3.2E-06	n/a	U
S06Z001076			Scandium-46	uCi/g	n/a	n/a	<4.6E-06	n/a	n/a	n/a	n/a	4.6E-06	n/a	U
S06Z001076			Selenium-75	uCi/g	n/a	n/a	<4.0E-06	n/a	n/a	n/a	n/a	4.0E-06	n/a	U
S06Z001076			Selenium-79	uCi/g	n/a	n/a	<5.8E-04	n/a	n/a	n/a	n/a	5.8E-04	n/a	U
S06Z001076			Silver-108	uCi/g	n/a	n/a	<3.8E-06	n/a	n/a	n/a	n/a	3.8E-06	n/a	U
S06Z001076			Silver-110	uCi/g	n/a	n/a	<4.0E-06	n/a	n/a	n/a	n/a	4.0E-06	n/a	U
S06Z001076			Sodium-22	uCi/g	n/a	n/a	<4.0E-06	n/a	n/a	n/a	n/a	4.0E-06	n/a	U
S06Z001076			Sodium-24	uCi/g	n/a	n/a	<3.7E-06	n/a	n/a	n/a	n/a	3.7E-06	n/a	U
S06Z001076			Strontium-85	uCi/g	n/a	n/a	<4.0E-06	n/a	n/a	n/a	n/a	4.0E-06	n/a	U
S06Z001076			Tantalum-182	uCi/g	n/a	n/a	<1.3E-05	n/a	n/a	n/a	n/a	1.3E-05	n/a	U
S06Z001076			Tellurium-123	uCi/g	n/a	n/a	<2.2E-06	n/a	n/a	n/a	n/a	2.2E-06	n/a	U
S06Z001076			Tellurium-125	uCi/g	n/a	n/a	<1.8	n/a	n/a	n/a	n/a	1.8	n/a	U
S06Z001076			Thallium-208	uCi/g	n/a	n/a	<4.2E-06	n/a	n/a	n/a	n/a	4.2E-06	n/a	U
S06Z001076			Thorium-228	uCi/g	n/a	n/a	<2.0E-04	n/a	n/a	n/a	n/a	2.0E-04	n/a	U
S06Z001076			Thorium-229	uCi/g	n/a	n/a	<2.4E-05	n/a	n/a	n/a	n/a	2.4E-05	n/a	U
S06Z001076			Thorium-234	uCi/g	n/a	n/a	<6.2E-04	n/a	n/a	n/a	n/a	6.2E-04	n/a	U
S06Z001076			Tin-113	uCi/g	n/a	n/a	<4.4E-06	n/a	n/a	n/a	n/a	4.4E-06	n/a	U
S06Z001076			Tin-126	uCi/g	n/a	n/a	<5.2E-06	n/a	n/a	n/a	n/a	5.2E-06	n/a	U
S06Z001076			Uranium-232	uCi/g	n/a	n/a	<0.087	n/a	n/a	n/a	n/a	0.087	n/a	U
S06Z001076			Uranium-235	uCi/g	n/a	n/a	<3.7E-06	n/a	n/a	n/a	n/a	3.7E-06	n/a	U
S06Z001076			Uranium-237	uCi/g	n/a	n/a	<1.2E-05	n/a	n/a	n/a	n/a	1.2E-05	n/a	U
S06Z001076			Uranium/Thorium-233	uCi/g	n/a	n/a	<2.2E-03	n/a	n/a	n/a	n/a	2.2E-03	n/a	U
S06Z001076			Xenon-131	uCi/g	n/a	n/a	<9.4E-05	n/a	n/a	n/a	n/a	9.4E-05	n/a	U
S06Z001076			Yttrium-88	uCi/g	n/a	n/a	<2.8E-06	n/a	n/a	n/a	n/a	2.8E-06	n/a	U
S06Z001076			Yttrium-91	uCi/g	n/a	n/a	<1.5E-03	n/a	n/a	n/a	n/a	1.5E-03	n/a	U
S06Z001076			Zinc-65	uCi/g	n/a	n/a	<9.2E-06	n/a	n/a	n/a	n/a	9.2E-06	n/a	U
S06Z001076			Zirconium/Neodymium-95	uCi/g	n/a	n/a	<6.9E-06	n/a	n/a	n/a	n/a	6.9E-06	n/a	U

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STL ST. LOUIS STL St. Louis

Lot #(s): FU0170197

- 1597 -

Condition Upon Receipt Form

Client: Floor Hanford
Quote No: 192680
COC/RFA No: F06-005
Initiated By: DD
Date: 4/17/06
Time: 0900

Shipping Information

Shipper Name: Fed Ex

Shipping # (s):*

1. 7914 4595 5115
2. 7919 1582 3060
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y N N/A

Sample Temperature (s):**

1. 3
2. 3
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y (N)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	Y N (N/A)	Was sample received with proper pH[1] ? (If not, make note below)	9.	(Y) N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	(Y) N	Sample volume sufficient for analysis?	12.	(Y) N	Are there custody seals present on bottles?
6.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of the cooler were frisked after opening	14.	Y N	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: Received 1 vial labeled B1HK48P 4/6/06 0850

Corrective Action:

☐ Client Contact Name: Informed by:

☐ Sample(s) processed "as is"

☐ Sample(s) on hold until: If released, notify:

Project Management Review: Date: 4-18-06

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 03/01/06\\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004030106.doc

F6D170197 CLIENT ANALYSIS SUMMARY

Storage Loc: VS23

Project Manager: MLH Quote #: 69268 SDG: W04890

Date Received: 2006-04-15

Project: 216-Z9-TRENCH F06-005

Analytical Due Date: 2006-05-05

PO#: Report to: Steve Trent

Report Due Date: 2006-05-05

Client: 108302 Fluor Hanford Inc

Report Type: B Standard Report

#SMPS in LOT: 12 EDD Code: FEADII

Sample Receipt Confirmation Required ** Limited Volume Sample ** See priorities below **** RUN LCS/ LCSD's ******

Anions: CCV/CCB criteria +/-10% Anions/Metals: CROL standard required +/-25% pH needs to be done within 24 hours of receipt

WTPH needs to include Kerosene & diesel range Report = RO2 all raw data to reporting group **** Limited Volume Sample Priority ****

1) SVOC & TPH Diesel 2) Oil & Grease 3) TOC/TIC

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
1	B1HK50			2006-04-04 / 915	H3FF3	SOLID

SAMPLE COMMENTS:

	XX	QK	SW846 8260B	Volatile Organics, GC/MS (8260B)	4P	ENCORE (COLD PRESERVATION)	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: Y
	XX	QK	SW846 8260B	Volatile Organics, GC/MS (8260B)	4B	PURGE AND TRAP - Lab MEOH Ext. (Solids or Wastes)	01	STANDARD TEST SET	PROT: +	WRK LOC	06	TIC: Y
	XX	WM	MCAW W 160.3 MOD	Moisture, Percent (160.3)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
D	XX	QK	SW846 8260B	Volatile Organics, GC/MS (8260B)	4B	PURGE AND TRAP - Lab MEOH Ext. (Solids or Wastes)	01	STANDARD TEST SET	PROT: +	WRK LOC	06	TIC: N
S	XX	QK	SW846 8260B	Volatile Organics, GC/MS (8260B)	4B	PURGE AND TRAP - Lab MEOH Ext. (Solids or Wastes)	01	STANDARD TEST SET	PROT: +	WRK LOC	06	TIC: N

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
2	B1HK52			2006-04-04 / 915	H3FF5	SOLID

SAMPLE COMMENTS:

XX	HS	SW846 8015 MOD	Hydrocarbons, Extractable Petroleum (8015 MOD)	13	SONICATION - Low Level	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
HG	O9	SW846 7471A	Mercury (7471A, Cold Vapor) - Solids	70	METALS, TOTAL (Method Exclusive) - Solids	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
SR	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
LI	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
MG	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
MN	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
NA	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
PB	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
SE	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
NI	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
VX	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
ZN	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
SB	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
AL	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
FE	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
CU	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
CR	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
CO	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
AG	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
CD	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
CA	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
BI	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
BE	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
BA	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
AS	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
PX	QM	SW846 6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	

F6D170197 CLIENT ANALYSIS SUMMARY

Storage Loc: 1-293
Date Received: 2006-04-15
Analytical Due Date: 2006-05-05
Report Due Date: 2006-05-05
Report Type: B Standard Report
EDD Code: FEADII

Project Manager: MLH Quote #: 69268 SDG: W04890
Project: 216-Z9-TRENCH F06-005
PO#: Report to: Steve Trent
Client: 108302 Fluor Hanford Inc #SMPS in LOT: 12

Sample Receipt Confirmation Required ** Limited Volume Sample ** See priorities below **** RUN LCS/ LCSD's ******
Anions: CCV/CCB criteria +/-10% Anions/Metals: CRDL standard required +/-25% pH needs to be done within 24 hours of receipt
WTPH needs to include Kerosene & diesel range Report = RO2 all raw data to reporting group **** Limited Volume Sample Priority ****
1) SVOC & TPH Diesel 2) Oil & Grease 3) TOC/TIC

	KX	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	XX	QL	SW846	8270C	Base/Neutrals and Acids (8270C)	13	SONICATION - Low Level	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: Y
	XX	ZV		RAD SCREEN	RAD SCREEN	RA	IN-HOUSE RAD SCREEN	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
	XX	3C	SW846	9056A	Fluoride (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	3D	SW846	9056A	Chloride (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	3H	SW846	9056A	Phosphate, ortho as P (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	3I	SW846	9056A	Sulfate (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	AY	SW846	9060	Carbon, Total Inorganic "TIC" (9060)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	5I	CLIENT: HANFORD	PROT: D	WRK LOC	06	
	XX	EA	SW846	7196A	Chromium, Hexavalent (7196A)	DW	Alkaline Digestion by method 3060A	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	FM	SW846	9060	Carbon, Total Organic "TOC" (9060)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	5I	CLIENT: HANFORD	PROT: D	WRK LOC	06	
	XX	HC	MCAW W	413.1	Oil and Grease (Gravimetric - 413.1)	13	SONICATION - Low Level	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	XX	HN	MCAW W	353.1	Nitrate-Nitrite (353.1)	0R	LEACHATE, DI (Routine) -> REDUCTION	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	VM	MCAW W	350.1	Nitrogen, Ammonia (350.1, Automated)	06	DISTILLATION, MICRO/MIDI - Acid	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	WM	MCAW W	160.3 MOD	Moisture, Percent (160.3)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
	XX	XO	SW846	9081	Capacity, Cation-Exchange (9081)	94	ION EXCHANGE (NON-COLUMN)	01	STANDARD TEST SET	PROT: B	WRK LOC	06	
D	XX	HS	SW846	8015 MOD	Hydrocarbons, Extractable Petroleum (8015 MOD)	13	SONICATION - Low Level	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
D	HG	O9	SW846	7471A	Mercury (7471A, Cold Vapor) - Solids	70	METALS, TOTAL (Method Exclusive) - Solids	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
S	XX	HS	SW846	8015 MOD	Hydrocarbons, Extractable Petroleum (8015 MOD)	13	SONICATION - Low Level	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
S	HG	O9	SW846	7471A	Mercury (7471A, Cold Vapor) - Solids	70	METALS, TOTAL (Method Exclusive) - Solids	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
S	XX	EA	SW846	7196A	Chromium, Hexavalent (7196A)	DW	Alkaline Digestion by method 3060A	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
X	XX	EA	SW846	7196A	Chromium, Hexavalent (7196A)	DW	Alkaline Digestion by method 3060A	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
3	B1HL20			2006-04-06 / 850	H3FGC	SOLID

SAMPLE COMMENTS:

XX	QK	SW846	8260B	Volatile Organics, GC/MS (8260B)	4B	PURGE AND TRAP - Lab MEOH Ext. (Solids or Wastes)	01	STANDARD TEST SET	PROT: +	WRK LOC	06	TIC: Y
XX	QK	SW846	8260B	Volatile Organics, GC/MS (8260B)	4P	ENCORE (COLD PRESERVATION)	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: Y
XX	WM	MCAW W	160.3 MOD	Moisture, Percent (160.3)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
4	B1HK45			2006-04-06 / 850	H3FGF	SOLID

SAMPLE COMMENTS:

XX	QK	SW846	8260B	Volatile Organics, GC/MS (8260B)	4B	PURGE AND TRAP - Lab MEOH Ext. (Solids or Wastes)	01	STANDARD TEST SET	PROT: +	WRK LOC	06	TIC: Y
XX	QK	SW846	8260B	Volatile Organics, GC/MS (8260B)	4P	ENCORE (COLD PRESERVATION)	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: Y
XX	WM	MCAW W	160.3 MOD	Moisture, Percent (160.3)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
5	B1HK47			2006-04-06 / 850	H3FGG	SOLID

SAMPLE COMMENTS:

XX	HS	SW846	8015 MOD	Hydrocarbons, Extractable Petroleum (8015 MOD)	13	SONICATION - Low Level	01	STANDARD TEST SET	PROT: A	WRK LOC	06	

F6D170197 CLIENT ANALYSIS SUMMARY

Storage Loc: 1-293

Date Received: 2006-04-15

Analytical Due Date: 2006-05-05

Report Due Date: 2006-05-05

Report Type: B Standard Report

EDD Code: FEADII

Project Manager: MLH Quote #: 69268 SDG: W04890

Project: 216-Z9-TRENCH F06-005

PO#: Report to: Steve Trent

Client: 108302 Fluor Hanford Inc #SMPS in LOT: 12

Sample Receipt Confirmation Required ** Limited Volume Sample ** See priorities below **** RUN LCS/ LCSD's ******

Anions: CCV/CCB criteria +/-10% Anions/Metals: CROL standard required +/-25% pH needs to be done within 24 hours of receipt

WTPH needs to include Kerosene & diesel range Report = RO2 all raw data to reporting group **** Limited Volume Sample Priority ****

1) SVOC & TPH Diesel 2) Oil & Grease 3) TOC/TIC

XX	QH	SW846	8082	PCBs (8082)	71	SONICATION w/ACID STRIP (PCB)	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
HG	O9	SW846	7471A	Mercury (7471A, Cold Vapor) - Solids	70	METALS, TOTAL (Method Exclusive) - Solids	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
PB	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
MN	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
FE	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
VX	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
SR	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
SE	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
MG	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
PX	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
NI	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
SB	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
ZN	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
KX	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
AG	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
AL	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
AS	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
BA	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
BE	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
BI	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
CA	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
CR	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
CO	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
NA	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
CU	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
LI	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
CD	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
XX	QL	SW846	8270C	Base/Neutrals and Acids (8270C)	13	SONICATION - Low Level	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: Y
XX	ZV		RAD SCREEN	RAD SCREEN	RA	IN-HOUSE RAD SCREEN	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
XX	3C	SW846	9056A	Fluoride (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
XX	3D	SW846	9056A	Chloride (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
XX	3H	SW846	9056A	Phosphate, ortho as P (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
XX	3I	SW846	9056A	Sulfate (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
XX	AY	SW846	9060	Carbon, Total Inorganic "TIC" (9060)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	5I	CLIENT: HANFORD	PROT: D	WRK LOC	06	
XX	EA	SW846	7196A	Chromium, Hexavalent (7196A)	DW	Alkaline Digestion by method 3060A	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
XX	FM	SW846	9060	Carbon, Total Organic "TOC" (9060)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	5I	CLIENT: HANFORD	PROT: D	WRK LOC	06	
XX	HC	MCAW W	413.1	Oil and Grease (Gravimetric - 413.1)	13	SONICATION - Low Level	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	

F6D170197 CLIENT ANALYSIS SUMMARY

Storage Loc: 1-293
Date Received: 2006-04-15
Analytical Due Date: 2006-05-05
Report Due Date: 2006-05-05
Report Type: B Standard Report
EDD Code: FEADII

Project Manager: MLH Quote #: 69268 SDG: W04890
Project: 216-Z9-TRENCH F06-005
PO#: Report to: Steve Trent
Client: 108302 Fluor Hanford Inc #SMPS in LOT: 12

Sample Receipt Confirmation Required ** Limited Volume Sample ** See priorities below **** RUN LCS/ LCSD's ******
Anions: CCV/CCB criteria +/-10% Anions/Metals: CRDL standard required +/-25% pH needs to be done within 24 hours of receipt
WTPH needs to include Kerosene & diesel range Report = RO2 all raw data to reporting group **** Limited Volume Sample Priority ****
1) SVOC & TPH Diesel 2) Oil & Grease 3) TOC/TIC

	XX	HN	MCAW W	353.1	Nitrate-Nitrite (353.1)	0R	LEACHATE, DI (Routine) -> REDUCTION	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	VM	MCAW W	350.1	Nitrogen, Ammonia (350.1, Automated)	06	DISTILLATION, MICRO/MIDI - Acid	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	WM	MCAW W	160.3 MOD	Moisture, Percent (160.3)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
	XX	XO	SW846	9081	Capacity, Cation-Exchange (9081)	94	ION EXCHANGE (NON-COLUMN)	01	STANDARD TEST SET	PROT: B	WRK LOC	06	
D	XX	QH	SW846	8082	PCBs (8082)	71	SONICATION w/ACID STRIP (PCB)	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
S	XX	QH	SW846	8082	PCBs (8082)	71	SONICATION w/ACID STRIP (PCB)	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
S	XX	3C	SW846	9056A	Fluoride (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
S	XX	3D	SW846	9056A	Chloride (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
S	XX	3H	SW846	9056A	Phosphate, ortho as P (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
S	XX	3I	SW846	9056A	Sulfate (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
S	XX	HN	MCAW W	353.1	Nitrate-Nitrite (353.1)	0R	LEACHATE, DI (Routine) -> REDUCTION	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
S	XX	VM	MCAW W	350.1	Nitrogen, Ammonia (350.1, Automated)	06	DISTILLATION, MICRO/MIDI - Acid	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
X	XX	3C	SW846	9056A	Fluoride (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
X	XX	3D	SW846	9056A	Chloride (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
X	XX	3H	SW846	9056A	Phosphate, ortho as P (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
X	XX	3I	SW846	9056A	Sulfate (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
X	XX	HN	MCAW W	353.1	Nitrate-Nitrite (353.1)	0R	LEACHATE, DI (Routine) -> REDUCTION	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
X	XX	VM	MCAW W	350.1	Nitrogen, Ammonia (350.1, Automated)	06	DISTILLATION, MICRO/MIDI - Acid	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
6	B1HL10			2006-04-06 / 1034	H3FHH	WATER

SAMPLE COMMENTS:

	XX	QK	SW846	8260B	Volatile Organics, GC/MS (8260B)	15	PURGE AND TRAP - 5 mL purge	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: Y
D	XX	QK	SW846	8260B	Volatile Organics, GC/MS (8260B)	15	PURGE AND TRAP - 5 mL purge	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: Y
S	XX	QK	SW846	8260B	Volatile Organics, GC/MS (8260B)	15	PURGE AND TRAP - 5 mL purge	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: Y

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
7	B1HL22			2006-04-06 / 850	H3FH4	SOLID

SAMPLE COMMENTS:

XX	QH	SW846	8082	PCBs (8082)	71	SONICATION w/ACID STRIP (PCB)	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
HG	O9	SW846	7471A	Mercury (7471A, Cold Vapor) - Solids	70	METALS, TOTAL (Method Exclusive) - Solids	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
SE	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
LI	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
ZN	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
MN	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
NA	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
NI	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
PB	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
SB	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	

F6D170197 CLIENT ANALYSIS SUMMARY

Storage Loc: 1-293
Date Received: 2006-04-15
Analytical Due Date: 2006-05-05
Report Due Date: 2006-05-05
Report Type: B Standard Report
EDD Code: FEADII

Project Manager: MLH Quote #: 69268 SDG: W04890
Project: 216-Z9-TRENCH F06-005
PO#: Report to: Steve Trent
Client: 108302 Fluor Hanford Inc #SMPS in LOT: 12

Sample Receipt Confirmation Required ** Limited Volume Sample ** See priorities below **** RUN LCS/ LCSD's ******
Anions: CCV/CCB criteria +/-10% Anions/Metals: CRDL standard required +/-25% pH needs to be done within 24 hours of receipt
WTPH needs to include Kerosene & diesel range Report = RO2 all raw data to reporting group **** Limited Volume Sample Priority ****
1) SVOC & TPH Diesel 2) Oil & Grease 3) TOC/TIC

	KX	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	SR	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	VX	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	PX	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	BA	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	AG	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	MG	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	FE	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	AS	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	BE	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	BI	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	CA	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	CD	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	CO	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	CR	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	CU	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	AL	QM	SW846	6010B	Inductively Coupled Plasma (6010B Trace)	GK	METALS, TOTAL - 2% HCL	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	XX	QL	SW846	8270C	Base/Neutrals and Acids (8270C)	13	SONICATION - Low Level	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: Y
	XX	ZV		RAD SCREEN	RAD SCREEN	RA	IN-HOUSE RAD SCREEN	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
	XX	3C	SW846	9056A	Fluoride (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	3D	SW846	9056A	Chloride (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	3H	SW846	9056A	Phosphate, ortho as P (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	3I	SW846	9056A	Sulfate (9056A, Ion Chromatography)	82	LEACHATE, DI (Routine)	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	AY	SW846	9060	Carbon, Total Inorganic "TIC" (9060)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	5I	CLIENT: HANFORD	PROT: D	WRK LOC	06	
	XX	EA	SW846	7196A	Chromium, Hexavalent (7196A)	DW	Alkaline Digestion by method 3060A	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	FM	SW846	9060	Carbon, Total Organic "TOC" (9060)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	5I	CLIENT: HANFORD	PROT: D	WRK LOC	06	
	XX	HC	MCAW W	413.1	Oil and Grease (Gravimetric - 413.1)	13	SONICATION - Low Level	5I	CLIENT: HANFORD	PROT: A	WRK LOC	06	
	XX	HN	MCAW W	353.1	Nitrate-Nitrite (353.1)	0R	LEACHATE, DI (Routine) -> REDUCTION	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	VM	MCAW W	350.1	Nitrogen, Ammonia (350.1, Automated)	06	DISTILLATION, MICRO/MIDI - Acid	5I	CLIENT: HANFORD	PROT: B	WRK LOC	06	
	XX	WM	MCAW W	160.3 MOD	Moisture, Percent (160.3)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
	XX	XO	SW846	9081	Capacity, Cation-Exchange (9081)	94	ION EXCHANGE (NON-COLUMN)	01	STANDARD TEST SET	PROT: B	WRK LOC	06	
D	XX	QL	SW846	8270C	Base/Neutrals and Acids (8270C)	13	SONICATION - Low Level	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: N
S	XX	QL	SW846	8270C	Base/Neutrals and Acids (8270C)	13	SONICATION - Low Level	01	STANDARD TEST SET	PROT: A	WRK LOC	06	TIC: N
X	XX	AY	SW846	9060	Carbon, Total Inorganic "TIC" (9060)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	5I	CLIENT: HANFORD	PROT: D	WRK LOC	06	
X	XX	FM	SW846	9060	Carbon, Total Organic "TOC" (9060)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	5I	CLIENT: HANFORD	PROT: D	WRK LOC	06	

SAMPLE # CLIENT SAMPLE ID Site ID Client Matrix DATE/TIME SAMPLED WORKORDER A

F6D170197 CLIENT ANALYSIS SUMMARY

Storage Loc: VS23
Date Received: 2006-04-15
Analytical Due Date: 2006-05-05
Report Due Date: 2006-05-05
Report Type: B Standard Report
EDD Code: FEAD/I

Project Manager: MLH Quote #: 69268 SDG: W04890
Project: 216-Z9-TRENCH F06-005
PO#: Report to: Steve Trent
Client: 108302 Fluor Hanford Inc #SMPS in LOT: 12

Sample Receipt Confirmation Required ** Limited Volume Sample ** See priorities below **** RUN LCS/ LCSD's ******
Anions: CCV/CCB criteria +/-10% Anions/Metals: CRDL standard required +/-25% pH needs to be done within 24 hours of receipt
WTPH needs to include Kerosene & diesel range Report = RO2 all raw data to reporting group **** Limited Volume Sample Priority ****
1) SVOC & TPH Diesel 2) Oil & Grease 3) TOC/TIC

8	B1HK49							2006-04-04 / 915		H3G1K	SOLID		
SAMPLE COMMENTS:													
XX	ZZ	NONE	NONE	Archive	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: Z	WRK LOC	06		

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
9	B1HK51			2006-04-04 / 915	H3G1M	SOLID

SAMPLE COMMENTS:													
XX	ZZ	NONE	NONE	Archive	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: Z	WRK LOC	06		

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
10	B1HK44			2006-04-06 / 850	H3G25	SOLID

SAMPLE COMMENTS:													
XX	ZZ	NONE	NONE	Archive	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: Z	WRK LOC	06		

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
11	B1HL19			2006-04-06 / 850	H3G26	SOLID

SAMPLE COMMENTS:													
XX	ZZ	NONE	NONE	Archive	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: Z	WRK LOC	06		

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	A
12	B1HL21			2006-04-06 / 850	H3G27	SOLID

SAMPLE COMMENTS:													
XX	ZZ	NONE	NONE	Archive	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: Z	WRK LOC	06		

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-027	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐
SAMPLING LOCATION C3427, Slant, I-14	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	DATA TURNAROUND 45 Days / 45 Days
ICE CHEST NO. GRP-06-006	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. Su RSR FJ007000		BILL OF LADING/AIR BILL NO. Su RSR FJ007000	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE
NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION

PRESERVATION	Cool <-7C and >-20C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	5
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
1HK35	SOIL	3/27/06	1430	X									

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z-9 Site Fridge	DATE/TIME 4/4/06 1030	RECEIVED BY/STORED IN M.A. Baechler M.A. Baechler	DATE/TIME 4/4/06 1030
RELINQUISHED BY/REMOVED FROM M.A. Baechler M.A. Baechler	DATE/TIME 4/4/06 1030	RECEIVED BY/STORED IN Fed Ex	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN B-D-P	DATE/TIME 4/5/06 0900
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of K, L, M, N, and P. These suffixes should NOT be used as part of the sample ID reported in the final data packages.
The laboratory is to use one VOA bottle for moisture content determination (1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

SDG: W04890

LABORATORY SECTION	RECEIVED BY B-D-P	TITLE	DATE/TIME 4/5/06 0900
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-027	PAGE 1 OF 1
COLLECTOR: Mokler/Pope/Pfister / HUGHES	COMPANY CONTACT: TRENT, SJ — TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 8N — DATA TURNAROUND: 45 Days / 45 Days
SAMPLING LOCATION: C3427, Slant, I-14	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil	SAF NO.: F06-005	AIR QUALITY: ☐
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-360-1 — COA: 121618ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.	

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	5 3-27-06
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK35	SOIL	3-27-06	1430	X

REVISED

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K HUGHES	3-27-6 15:25	Z-9 RMA Fridge/Freezer	3-27-06/15:25
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix ofK, L, M, and N. These suffixes should NOT be used as part of the sample ID reported in the final data packages.

The laboratory is to use one VOA bottle for moisture content determination

(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# W0410930

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-026	PAGE 1 OF 1
COLLECTOR: Mokler/Pope/Pfister	COMPANY CONTACT: TRENT, SJ — TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 8N — DATA TURNAROUND: 45 Days / 45 Days
SAMPLING LOCATION: C3427, Slant, I-14	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil	SAF NO.: F06-005	AIR QUALITY: ☐
ICE CHEST NO.: GRP-06-006	FIELD LOGBOOK NO.: HNF-N-360-1 — COA: 121618ES10	METHOD OF SHIPMENT: FEDERAL EXPRESS	
SHIPPED TO: Severn Trent St. Louis	OFFSITE PROPERTY NO.: See RSR FJ007000	BILL OF LADING/AIR BILL NO.: See RSR FJ007000	

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE: Preserve with methanol after collection

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	3
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK34	SOIL	3/27/06	1430	X

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Z-9 Site Fnsl Gr	4/4/06 1030	M.A. Buechler/M.G. Buechler	4/4/06 1030
M.G. Buechler/M.A. Buechler	4/4/06 1030	Fed Ex	
		B-U-P	4/5/06 0900

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.
(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

	RECEIVED BY	TITLE	DATE/TIME
LABORATORY SECTION	B-U-P		4/5/06 0900
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

RELEASED

306 033 9

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-026	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 8N	**DATA TURNAROUND**		
AIR QUALITY ☐	**45 Days / 45 Days**		
SAMPLING LOCATION C3427, Slant, I-14	**PROJECT DESIGNATION** 216-Z-9 Trench Slant Characterization Borehole - Soil		**SAF NO.** F06-005
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE
Preserve with methanol after collection

PRESERVATION	Cool 4C										
TYPE OF CONTAINER	aGs*										
NO. OF CONTAINER(S)	3										
VOLUME	40mL										
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS										

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK34	SOIL	3-27-06	1430	X								

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Kevin Hughes	3-27-06 15:30	Z-9 RMA Fridge 3-27-06	3-27-06 15:30
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.
(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

REVISED

STL ST. LOUIS

SDG# W04890

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-028	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐
SAMPLING LOCATION C3427, Slant, I-14	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	DATA TURNAROUND 45 Days / 45 Days
ICE CHEST NO. GRP-06-006	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. Su RSR FJ007000		BILL OF LADING/AIR BILL NO. Su RSR FJ007000	

MATRIX*
A=Air
OL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS		
	PRESERVATION	Cool 4C
	TYPE OF CONTAINER	aGs*
	NO. OF CONTAINER(S)	1
	VOLUME	40mL
SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1HK36	SOIL	3/27/06	1430	X									

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z-9 Site Fridge 4/4/06	DATE/TIME 1030	RECEIVED BY/STORED IN M.H. Baechler M.G. Baechler	DATE/TIME 4/4/06 1030
RELINQUISHED BY/REMOVED FROM M.H. Baechler M.G. Baechler	DATE/TIME 4/4/06 1030	RECEIVED BY/STORED IN Fed EX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN 1 30 4/5/06	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
(1)VOA - 5035/8260 (TCL); VOA - 5035/8260 - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY B-A-P	TITLE	DATE/TIME 04/6 4/5/06 0900
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

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STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-028	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-14	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization					

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	Cool 4C
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other		TYPE OF CONTAINER	aGs*
		NO. OF CONTAINER(S)	1
		VOLUME	40mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK36	SOIL	3-27-06	1430	X

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
JS Pope / [illegible]	3-27-06 1530	Site Ama [illegible]	3-27-06 1530
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)VOA - 5035/8260 (TCL); VOA - 5035/8260 - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

MeOH Blank

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

STL ST. LOUIS

STL St. Louis

SDG: W04890

Lot #(s): F6D050150

- 1559 -

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: F06-005-26, 27, 28 Date 04/05/06

Quote No: 1.9268 Initiated By: BD Time: 0900

Shipping Information

Shipper Name: FE

Multiple Packages Y (N) N/A

Shipping # (s):*

1. 7920 6170 8789
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

1. 5°
2.
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y (N)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	Y N (N/A)	Was sample received with proper pH[1] ? (If not, make note below)	9.	(Y) N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	Y N	Sample volume sufficient for analysis?	12.	(Y) N	Are there custody seals present on bottles?
6.	(Y) N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of the cooler were frisked after opening	14.	Y N (NA)	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: Sample B1HK36 has 10mls in vial.

Corrective Action:

☐ Client Contact Name: Informed by:

☐ Sample(s) processed "as is"

☐ Sample(s) on hold until: If released, notify:

Project Management Review: [signature] Date: 4/5/06

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 03/01/06\\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004030106.doc

SDG# W04890

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STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-021	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-13	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
0022182	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Severn Trent St. Louis	see RSR FJ005	see RSR FJ005

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C						
TYPE OF CONTAINER	aG	aG	G	G						
NO. OF CONTAINER(S)	1	1	1	1						
VOLUME	120mL	120mL	~~120mL~~ 250 mL 3-30-06	120mL						
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS						

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1HK32	SOIL	3-22-06	10:05	✓	—	✓	—						

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Z-9 SITE FRIDGE	3-30-06/1037	D. TODAK/	3-30-06/1037
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D. TODAK/	3-30-06/1037	FED EX	3-30-06/1037
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
		Jill Clarke	040106 0845
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {Dibutyl Butylphosphonate, Tributyl phosphate} TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} Mercury - 7471 - (CV);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Ammonia - 350.1;

o/o M SDG: W04890

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

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STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-021	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister Wise	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
C3427, Slant, I-13	216-Z-9 Trench Slant Characterization Borehole - Soil	F06-005

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Waste Sampling & Characterization		

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: SI-1 - 87g SOIL; SI-2 - 65 g. SOIL; SI-3 - 70g SOIL; PCB'S - 78g SOIL

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C
TYPE OF CONTAINER	aG	aG	G/P	G
NO. OF CONTAINER(S)	1	1	1	1
VOLUME	120mL	120mL	120mL	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B1HK32	SOIL	3-22-06	1005	✓	✓	✓	✓

3/22/06

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
WM Wise/WMWise	3-22-06 1205	Site fridge	3-22-06 1205
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {1,2,4-Trimethylbenzene, Cyclohexanone, Dibutyl Butylphosphonate, Tributyl phosphate}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} ICP/MS - 200.8 (Hg);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphorous in phosphate, Sulfate} Cations (IC) - 300.7 {Nitrogen in ammonium}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

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SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-022	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-13	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
0022182	HNF-N-360-1	121618ES10	FEDERAL EXPRESS		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Severn Trent St. Louis	see RSR FJ005		see RSR FJ005		

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: SI-I- 147 g. SOIL; SI-2 - 174 g SOIL

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C			
TYPE OF CONTAINER	G	aG			
NO. OF CONTAINER(S)	1	1			
VOLUME	250mL	120mL			
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS			

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK32	SOIL	3-22-6	1005	✓	✓							

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CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
[illegible]	3-22-06 1205	Site fridge	3-22-06 1205
Z-9 SITE FRIDGE	3-30-06/1022	D. TODAK/ [signature]	3-30-06/1022
D. TODAK [signature]	3-30-06/1022	FED EX	3-30-06/1022

SPECIAL INSTRUCTIONS

(1)NO2/NO3 - 353.1; Soil Cation Exchange Capacity - 9080; Chromium Hex - 7196; Oil & Grease - 413.1;
(2)TOC - 415.1 {Total organic carbon} TIC - 415.1M {Total Inorganic Carbon}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

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STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-024	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister / WISE	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-13	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
	HNF-N-360-1	121618ES10	FEDERAL EXPRESS		
SHIPPED TO MAR 3/22/06 ~~Eberline Services~~ Severn Trent St. Louis	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	None
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	SI-I - 164g 1179g soil 48	TYPE OF CONTAINER	G/P
		NO. OF CONTAINER(S)	1
		VOLUME	250mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

REVISED

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK32	SOIL	3-22-06	1005	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
WMWise / WWise	3-22-06 1205	Site fridge	3-22-06 1205
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)Gamma Spec - Radium {Radium-226, Radium-228} Technetium-99; Strontium-89,90 -- Total Sr; Isotopic Thorium {Thorium-232} Neptunium-237; Tritium - H3;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

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STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F06-005-010	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐	DATA TURNAROUND 45 Days / 45 Days
SAMPLING LOCATION C3427, Slant, ~~I-12~~ I-13 KDH 3-29-06	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005		
ICE CHEST NO. 0022182	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. SEE RSR FJ005		BILL OF LADING/AIR BILL NO. SEE RSR FJ005		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS												
	PRESERVATION	Cool 4C										
	TYPE OF CONTAINER	aGs*										
	NO. OF CONTAINER(S)	3										
	VOLUME	40mL										
SPECIAL HANDLING AND/OR STORAGE Preserve with methanol after collection	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS										

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1HK29	SOIL	3-22-06	10:05	✓									

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z-9 SITE FRIDGE	DATE/TIME 3-30-06/1040	RECEIVED BY/STORED IN D.TODAK / [signature]	DATE/TIME 3-30-06/1040
RELINQUISHED BY/REMOVED FROM D.TODAK / [signature]	DATE/TIME 3-30-06/1040	RECEIVED BY/STORED IN FED EX	DATE/TIME 3-30-06/1040
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION (1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

0/0M

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

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SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-018	PAGE 1 OF 1
COLLECTOR: Mokler/Pope/Pfister/Wise	COMPANY CONTACT: TRENT, SJ — TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 8N — DATA TURNAROUND: 45 Days / 45 Days
SAMPLING LOCATION: C3427, Slant, I-13	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil	SAF NO.: F06-005	AIR QUALITY: ☐
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-360-1 — COA: 121618ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.	

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE: Preserve with methanol after collection

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	3
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1HK29	SOIL	3-22-06	1005

REVISED

CHAIN OF POSSESSION — SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Wise/Mokler/Pope/Pfister	3-22-06 ~~1005~~ 1205	Site fridge	3-22-06 1205

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.

(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-011	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister / WISE	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 8N	**DATA TURNAROUND**
SAMPLING LOCATION C3427, Slant, I-~~12~~ 13 PMGENT	**PROJECT DESIGNATION** 216-Z-9 Trench Slant Characterization Borehole - Soil		**SAF NO.** F06-005	**AIR QUALITY** ☐	**45 Days / 45 Days**
ICE CHEST NO. 0022182 3/29/06	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	**OFFSITE PROPERTY NO.** SEE RSR FJ005		**BILL OF LADING/AIR BILL NO.** SEE RSR FJ005		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE
NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION

PRESERVATION	Cool <-7C and >-20C
TYPE OF CONTAINER	aGs* 5 PMGENT
NO. OF CONTAINER(S)	~~14~~ Days 3/29/06
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK30	SOIL	3-22-06	10:05	X

REVISED

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Z-9 SITE FRIDGE	3-30-06/1112	D. TODAK/	3-30-06/1112
D. TODAK/	3-30-06/1112	FED EX	3-30-06/1112

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix ofK, L, M, and N. These suffixes should NOT be used as part of the sample ID reported in the final data packages.
The laboratory is to use one VOA bottle for moisture content determination
(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

9.M

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-019	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐
SAMPLING LOCATION C3427, Slant, I-13	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	DATA TURNAROUND 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	3 (Wmk 3-22-06)
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK30	SOIL	3-22-06	1005	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
WMWise/[illegible] 3-22-06	1205	Site fridge/freezer 3-22-06	1205
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix ofK, L, M, and N. These suffixes should NOT be used as part of the sample ID reported in the final data packages. (Wmk 3-22-06)

The laboratory is to use one VOA bottle for moisture content determination
(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

N HAS NO STIR STICK. USE N FOR MOISTURE CONTENT. PMF 3/22/06

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

REVISED

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-012	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐ DATA TURNAROUND 45 Days / 45 Days
SAMPLING LOCATION C3427, Slant, ~~I-12~~ I-13	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	
ICE CHEST NO. 3-29-06 0022182	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. SEE RSR FJ005		BILL OF LADING/AIR BILL NO. SEE RSR FJ005	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS		
	PRESERVATION	Cool 4C
	TYPE OF CONTAINER	aGs*
	NO. OF CONTAINER(S)	1
	VOLUME	40mL
SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1HK31	SOIL	3-22-06	10:05	✓									

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Z-9 SITE FRIDGE	DATE/TIME 3-30-06/1042	RECEIVED BY/STORED IN D. TODAK / [signature]	DATE/TIME 3-30-06/1042
RELINQUISHED BY/REMOVED FROM D. TODAK / [signature]	DATE/TIME 3-30-06/1042	RECEIVED BY/STORED IN FED EX	DATE/TIME 3-30-06/1042
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION (1)VOA - 5035/8260 (TCL); VOA - 5035/8260 - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

Hold only - MeOH Blank
-Run-per Melanie - Medium level
sample required

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-020	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-13	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization					

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	1
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1HK31	SOIL	3-22-06	1005

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Wm Vtise/Wm Wilkins	3-22-06 1205	Site fridge	3-22-06 1205
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)VOA - 5035/8260 (TCL); VOA - 5035/8260 - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-013	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-12	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
0022182	HNF-N-360-1	121618ES10	FEDERAL EXPRESS		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Severn Trent St. Louis	SEE RSR FJ005		SEE RSR FJ005		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C								
TYPE OF CONTAINER	aG	aG	G	G								
NO. OF CONTAINER(S)	1	1	1	1								
VOLUME	120mL	120mL	120mL	120mL								
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS								
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK27	SOIL	3-20-06	10:45	X	X	X	X					

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
2-9 SITE FRIDGE	3-30-06/1044	D. TODAK / [signature]	3-30-06/1044
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D. TODAK / [signature]	3-30-06/1044	FED EX	3-30-06/1044
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
		JH Clarke 040106	0845
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {Dibutyl Butylphosphonate, Tributyl phosphate} TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} Mercury - 7471 - (CV);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Ammonia - 350.1;

% M

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/05)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-013	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Prister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
C3427, Slant, 1-12	216-Z-9 Trench Slant Characterization Borehole - Soil	F06-005

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Waste Sampling & Characterization		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SI-1 - 98g SOIL wt.
PCB - 78g SOIL wt.
SI-2 - 90g SOIL wt
SI-3 - 88g SOIL wt.

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C					
TYPE OF CONTAINER	aG	aG	G/P	G					
NO. OF CONTAINER(S)	1	1	1	1					
VOLUME	120mL	120mL	120mL	120mL					
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS					

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK27	SOIL	3-20-06	1045	X	X	X	X					

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
JSPope/ JSPrister	3-20-06 1215	Site fridge Z-9	3-20-06 1215
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {1,2,4-Trimethylbenzene, Cyclohexanone, Dibutyl Butylphosphonate, Tributyl phosphate}
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} ICP/MS - 200.8 (Hg);
(3)IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphorous in phosphate, Sulfate} Cations (IC) - 300.7 {Nitrogen in ammonium}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-014	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister/Wise	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 8N	**DATA TURNAROUND** 45 Days / 45 Days	**AIR QUALITY** ☐	
SAMPLING LOCATION C3427, Slant, I-12	**PROJECT DESIGNATION** 216-Z-9 Trench Slant Characterization Borehole - Soil	**SAF NO.** F06-005	
ICE CHEST NO. D022182	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** FEDERAL EXPRESS
SHIPPED TO Severn Trent St. Louis	**OFFSITE PROPERTY NO.** see RSR FJ005		**BILL OF LADING/AIR BILL NO.** see RSR FJ005

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: SI-1 - 163g SOIL; SI-2 - 90g SOIL

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C							
TYPE OF CONTAINER	G	aG							
NO. OF CONTAINER(S)	1	1							
VOLUME	250mL	120mL							
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS							

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK27	SOIL	3-20-06	1045	X	X							

REVISED

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Wilkise/Wilkise	3-20-06 1215	Site Fridge	3-20-06 1215
2-9 SITE FRIDGE	3-30-06/1024	D.TOMK	3-30-06/1024
D.TOMK	3-30-06/1024	FED EX	3-30-06/1024

SPECIAL INSTRUCTIONS

(1)NO2/NO3 - 353.1; Soil Cation Exchange Capacity - 9080; Chromium Hex - 7196; Oil & Grease - 413.1;
(2)TOC - 415.1 {Total organic carbon} TIC - 415.1M {Total Inorganic Carbon}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-019	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
C3427, Slant, ~~L-15~~ I-12	216-Z-9 Trench Slant Characterization Borehole - Soil	F06-005

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
3-29-06 0022182	HNF-N-360-1	121618ES10	FEDERAL EXPRESS

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Severn Trent St. Louis	see RSR FJ005	see RSR FJ005

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE
NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION

PRESERVATION	Cool <-7C and >-20C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	4 Daycles 3/29/06
VOLUME	40ml.
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK25	SOIL	3-20-06	10:45	X

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Z-9 SITE FRIDGE	3-30-06/1034	D. TODAK/	3-30-06/1034
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D. TODAK/	3-30-06/1034	FED EX	3-30-06/1034
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix ofK, L, M, and N. These suffixes should NOT be used as part of the sample ID reported in the final data packages.

The laboratory is to use one VOA bottle for moisture content determination
(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

q/o M

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-011	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐
SAMPLING LOCATION C3427, Slant, I-12	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	DATA TURNAROUND 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C										
TYPE OF CONTAINER	aGs*										
NO. OF CONTAINER(S)	4										
VOLUME	40mL										
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS										

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK25	SOIL	3-20-06	1045	X								

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J.S. Pope / [illegible] 3-20-06	1215	site freezer Z-9 3-20-06	1215
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix ofK, L, M, and N. These suffixes should NOT be used as part of the sample ID reported in the final data packages.

The laboratory is to use one VOA bottle for moisture content determination
(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-018	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 8N	**DATA TURNAROUND**
SAMPLING LOCATION C3427, Slant, ~~I-13~~ I-12	**PROJECT DESIGNATION** 216-Z-9 Trench Slant Characterization Borehole - Soil		**SAF NO.** F06-005	**AIR QUALITY** ☐	**45 Days / 45 Days**
ICE CHEST NO. 3-29-06 0022182	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	**OFFSITE PROPERTY NO.** see RSR FJ005		**BILL OF LADING/AIR BILL NO.** see RSR FJ005		

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE
Preserve with methanol after collection

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	3
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK24	SOIL	3-20-06	10:45	Y

REVISED

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Z-9 SITE FRIDGE	3-30-06/1036	D. TODAK / [signature]	3-30-06/1036
D. TODAK / [signature]	3-30-06/1036	FED EX	3-30-06/1036

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-010	PAGE 1 OF 1
COLLECTOR: Mokler/Pope/Pfister/Wade	COMPANY CONTACT: TRENT, SJ — TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 8N — DATA TURNAROUND: 45 Days / 45 Days
SAMPLING LOCATION: C3427, Slant, I-12	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil	SAF NO.: F06-005	AIR QUALITY ☐
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-360-1 — COA: 121618ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.	

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE: Preserve with methanol after collection

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	3
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK24	SOIL	3-20-06	1045	X

REVISED

CHAIN OF POSSESSION — RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES — RECEIVED BY/STORED IN	DATE/TIME
WM Wise/W Wade	3-20-06 1215	Site fridge	3-20-06 1215
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.

(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-020	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 8N	**DATA TURNAROUND**
SAMPLING LOCATION C3427, Slant ~~1-13~~ I-12	**PROJECT DESIGNATION** 216-Z-9 Trench Slant Characterization Borehole - Soil		**SAF NO.** F06-005	**AIR QUALITY** ☐	**45 Days / 45 Days**
ICE CHEST NO. 0622182 KBM 3-29-06	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	**OFFSITE PROPERTY NO.** SEE BSR FJ005		**BILL OF LADING/AIR BILL NO.** SEE BSR FJ005		

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	1
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HK26	SOIL	3-20-06	10:45	Y

REVISED

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Z-9 SITE FRIDGE	3-30-06/1039	D. TODAK / [signature]	3-30-06/1039
D. TODAK / [signature]	3-30-06/1039	FED EX	3-30-06/1039

SPECIAL INSTRUCTIONS

NOTE: ORIGINAL COC ATTACHED TO DOCUMENT CHAIN OF POSSESSION
(1)VOA - 5035/8260 (TCL); VOA - 5035/8260 - (Add-On) {1,2,4-Trimethylbenzene, 1-Butanol, Acetonitrile, Cyclohexanone, Hexane, n-Butylbenzene}

Meoh Blank

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-012	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Mokler/Pope/Pfister/White	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-12	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization					

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
Wi=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C										
TYPE OF CONTAINER	aGs*										
NO. OF CONTAINER(S)	1										
VOLUME	40mL										
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS										

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HK26	SOIL	3-20-06	1045	X								

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
WM Wise/[illegible]	3-20-06 1215	Site fridge	3-20-06 1215
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)VOA - 5035/8260 (TCL); VOA - 5035/8260 - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

STL ST. LOUIS STL St. Louis

Lot #(s): F6D030105

- 1415 -

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: see below Date 04.01.06

Quote No: Initiated By: NM Time: 0845

Shipping Information

Shipper Name: Fedex

Multiple Packages Y (N) N/A

Shipping # (s):*

1. 7914 2767 1147
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

1. 4°C
2.
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y (N)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	Y N (N/A)	Was sample received with proper pH[1] ? (If not, make note below)	9.	Y N	Chain of Custody matches sample ID's on container(s)?
3.	Y (N)	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	Y N	Sample volume sufficient for analysis?	12.	(Y) N	Are there custody seals present on bottles?
6.	(Y) N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of the cooler were frisked after opening	14.	Y (N)	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

Corrective Action:

☐ Client Contact Name: Informed by:

☐ Sample(s) processed "as is"

☐ Sample(s) on hold until: If released, notify:

Project Management Review: Date: 4/4/06

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 03/01/06\\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004030106.doc

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-191	PAGE 1 OF 1
COLLECTOR: Mokler/Pope/Pfister	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 8N; DATA TURNAROUND: 45 Days / 45 Days
SAMPLING LOCATION: C3427, Slant, I-10	PROJECT DESIGNATION: 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO.: F06-005	AIR QUALITY ☐
ICE CHEST NO.: SHWS-325	FIELD LOGBOOK NO.: HNF-N-360-1	COA: 121618ES10	METHOD OF SHIPMENT: FEDERAL EXPRESS	
SHIPPED TO: Severn Trent St. Louis	OFFSITE PROPERTY NO.: RSR FJ004		BILL OF LADING/AIR BILL NO.: RSR FJ004	

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: Rad tu to B1HK99

SPECIAL HANDLING AND/OR STORAGE:

PRESERVATION				Cool 4C	Cool 4C								
TYPE OF CONTAINER				aG	G/P								
NO. OF CONTAINER(S)				1	1								
VOLUME				60mL	60mL								
SAMPLE ANALYSIS				SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS								
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1HKB3	SOIL	3/13/06	1040	X	X								

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: [signature]	DATE/TIME: 3/21/06 0900	RECEIVED BY/STORED IN: M.A. Baechler M.A. Baechler	DATE/TIME: 3/21/06 0900
RELINQUISHED BY/REMOVED FROM: M.A. Baechler M.A. Baechler	DATE/TIME: 3/21/06 0900	RECEIVED BY/STORED IN: Fed Ex	DATE/TIME:
RELINQUISHED BY/REMOVED FROM: Fedex	DATE/TIME:	RECEIVED BY/STORED IN: [signature]	DATE/TIME: 03-22-06 0920
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN	DATE/TIME:

SPECIAL INSTRUCTIONS

THE LABORATORY IS NOT TO BEGIN ANALYSES UNTIL THEY HAVE CONTACTED STEVE TRENT AT (509) 373-5869 FOR THE PROJECTS PRIORITY OF ANALYSES.
(1)Semi-VOA - 8270B (TCL); Semi-VOA - 8270B (Add-On) {1,2,4-Trimethylbenzene, Cyclohexanone, Dibutyl Butylphosphonate, Tributyl phosphate} TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range} PCBs - 8082;
(2)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Beryllium, Bismuth, Lead, Lithium, Phosphorus, Selenium, Strontium} Mercury - 7471 - (CV); IC Anions - 300.0 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Ammonia - 350.1; NO2/NO3 - 353.1; Soil Cation Exchange Capacity - 9080; Chromium Hex - 7196; Oil & Grease - 413.1; TOC - 415.1 {Total organic carbon} TIC - 415.1M {Total Inorganic Carbon}

F6C220295

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

REVISED

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-101	PAGE 1 OF 1

COLLECTOR Mokler/Pope/Pfister	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 80	**DATA TURNAROUND**
SAMPLING LOCATION C3427, Slant, I-10	**PROJECT DESIGNATION** 216-Z-9 Trench Slant Characterization Borehole - Soil		**SAF NO.** F06-005	**AIR QUALITY** ☐	60 Days / 60 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-360-1	**COA** 121618ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
Se=Sediment
T=Tissue
V=Vegitation
W=Water
Wi=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	Cool 4C										
TYPE OF CONTAINER	aG	aG										
NO. OF CONTAINER(S)	1	1										
VOLUME	60mL	60mL										
SAMPLE ANALYSIS	Semi-VOA - 8270B - COMPLETE; PCBs - 8082;	SEE ITEM (1) IN SPECIAL INSTRUCTIONS										

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1HKB3	SOIL	3/13/06	1040	✓	✓								

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
R. Pfister/[illegible]	3/13/06 1200	Z9-SITE FRIG	3/13/06 1200
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
[illegible]	22 3-13-06 0900	[illegible]	03.22.06 0920
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KEC	03-28-06		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)ICP Metals - 6010B (TAL); ICP Metals - 6010B (Add-On) {Arsenic, Bismuth, Lead, Phosphorus, Selenium} Mercury - 7471 - (CV); IC Anions - 9056 {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} 300.7_AMMONIUM {Nitrogen in ammonium} Gamma Spectroscopy {Cesium-137, Cobalt-60, Europium-152, Europium-154, Europium-155} Gamma Spec - Add-on {Antimony-125, Cesium-134} Gamma Spec - Radium {Radium-226, Radium-228} Americium-241; Isotopic Plutonium; Isotopic Thorium {Thorium-232} Isotopic Uranium; Strontium-89,90 -- Sr-90; Neptunium-237;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-098	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 80 AIR QUALITY ☐ DATA TURNAROUND 60 Days / 60 Days
SAMPLING LOCATION C3427, Slant, I-10	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO 222-S Lab Operations	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS		
	PRESERVATION	Cool 4C
	TYPE OF CONTAINER	aGs*
	NO. OF CONTAINER(S)	3
	VOLUME	40mL
SPECIAL HANDLING AND/OR STORAGE Preserve with methanol after collection	SAMPLE ANALYSIS	VOA - 5035/8260 - COMPLETE (HIGH LEVEL);

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B1HKB0	SOIL	3/13/06	1040	✓								

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM R.PFISTER/[signature] 3/13/06	DATE/TIME 1200	RECEIVED BY/STORED IN Z9 SITE PRIG 3/13/06	DATE/TIME 1200
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN [signature] 03.22.06	DATE/TIME 0920
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix of W, X, and Y. These suffixes should NOT be used as part of the sample ID reported in the final data packages.

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

REVISED

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-188	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐
SAMPLING LOCATION C3427, Slant, I-10	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	DATA TURNAROUND 45 Days / 45 Days
ICE CHEST NO. SAWS-325	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. RSR FJ004		BILL OF LADING/AIR BILL NO. RSR FJ004	

MATRIX*
A=Air
DL=Drum Liquids
OS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: Rad tu to B1HK99

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	3
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HKB0	SOIL	3/13/06	1040	X

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
[signature] Site Fridge Z-9	3/21/06 0900	M.A. Baechler M.A. Baechler	3/21/06 0900
M.A. Baechler M.A. Baechler	3/21/06 0900	Fed Ex	
		[signature]	03-22-06 0920

SPECIAL INSTRUCTIONS

(1)VOA - 5035/8260 (HIGH LEVEL); VOA - 5035/8260 (HIGH LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

Original chain of custody attached to document chain of possession

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-099	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 80	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	60 Days / 60 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
C3427, Slant, I-10	216-Z-9 Trench Slant Characterization Borehole - Soil	F06-005

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
222-S Lab Operations		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C								
TYPE OF CONTAINER	aGs*								
NO. OF CONTAINER(S)	4								
VOLUME	40ml.								
SAMPLE ANALYSIS	VOA - 5035/8260 - COMPLETE (LOW LEVEL);								

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME								
B1HKB1	SOIL	3/13/06	1040	✓							

REVISED

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
R.PFISTER/ 3/13/06	1200	Z9 SITE FREEZER 3/13/06	1200
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
		03-22-06	0780
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

VOA bottles will be labeled with an appended suffix ofK, L, M, and N. These suffixes should NOT be used as part of the sample ID reported in the final data packages.

The laboratory is to use one VOA bottle for moisture content determination

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F06-005-189	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐ DATA TURNAROUND 45 Days / 45 Days
SAMPLING LOCATION C3427, Slant, I-10	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	
ICE CHEST NO. SAWS-352325 MAB 3/21/06	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. RSR FJ004		BILL OF LADING/AIR BILL NO. RSR FJ004	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: Rad tu to B1HK99

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	4
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1HKB1	SOIL	3/13/06	1090	X									

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: Site Fridge Z-9	DATE/TIME: 3/21/06 0900	RECEIVED BY/STORED IN: M.A. Baechler M.A. Baechler	DATE/TIME: 3/21/06 0900
RELINQUISHED BY/REMOVED FROM: M.A. Baechler M.A. Baechler	DATE/TIME: 3/21/06 0900	RECEIVED BY/STORED IN: Fed Ex	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN: [signature]	DATE/TIME: 03-22-06 0920
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)VOA - 5035/8260 (LOW LEVEL); VOA - 5035/8260 (LOW LEVEL) - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

Original chain of custody attached to document chain of possession

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F06-005-100	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 80	DATA TURNAROUND
Mokler/Pope/Pfister	TRENT, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	60 Days / 60 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
C3427, Slant, I-10	216-Z-9 Trench Slant Characterization Borehole - Soil		F06-005		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
	HNF-N-360-1	121618ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
222-S Lab Operations					

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	Cool 4C
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other		TYPE OF CONTAINER	aGs*
		NO. OF CONTAINER(S)	1
		VOLUME	40mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	VOA - 5035/8260 - COMPLETE;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1HKB2	SOIL	3/13/06	1040	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
R. Pfister	3/13/06 1200	Z-9 SITE FRIG	3/13/06 1200	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
			03-22-06 0920	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

REVISED

A-6003-618(03/03)

SDG# W04890

STL ST. LOUIS

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F06-005-190	PAGE 1 OF 1
COLLECTOR Mokler/Pope/Pfister	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N	DATA TURNAROUND
SAMPLING LOCATION C3427, Slant, I-10	PROJECT DESIGNATION 216-Z-9 Trench Slant Characterization Borehole - Soil		SAF NO. F06-005	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO. SAWS-325	FIELD LOGBOOK NO. HNF-N-360-1	COA 121618ES10	METHOD OF SHIPMENT FEDERAL EXPRESS		
SHIPPED TO Severn Trent St. Louis	OFFSITE PROPERTY NO. RSR FJ004		BILL OF LADING/AIR BILL NO. RSR FJ004		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: Non-rad - no activity report

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aGs*
NO. OF CONTAINER(S)	1
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1HKB2	SOIL	3/13/06	1040	X									

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM Site Fridge Z-9	DATE/TIME 3/21/06 0900	RECEIVED BY/STORED IN M.A. Baechler M.G. Baechler	DATE/TIME 3/21/06 0900
RELINQUISHED BY/REMOVED FROM M.A. Baechler M.G. Baechler	DATE/TIME 3/21/06 0900	RECEIVED BY/STORED IN Fed EX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN [signature]	DATE/TIME 03.22.06 0920
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

(1)VOA - 5035/8260 (TCL); VOA - 5035/8260 - (Add-On) {1-Butanol, Acetonitrile, Hexane, n-Butylbenzene}

Original chain of custody attached to document chain of possession.

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

REVISED

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STL ST. LOUIS

STL St. Louis

Lot #(s): FLC 220215

- 1375 -

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: see below Date 03-22.06

Quote No: 69266 Initiated By: NM Time: 0920

Shipping Information

Shipper Name: Fedex

Multiple Packages Y (N) N/A

Shipping # (s):*

1. 7920 4841 0350
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

1. 3°C
2.
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y (N)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	Y N (N/A)	Was sample received with proper pH[1] ? (If not, make note below)	9.	(Y) N	Chain of Custody matches sample ID's on container(s)?
3.	Y (N)	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	NM 03.22.06 (Y) (N)	Sample volume sufficient for analysis?	12.	(Y) N	Are there custody seals present on bottles?
6.	(Y) N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of the cooler were frisked after opening	14.	Y (N)	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: Sample B1HKB2 (40vial) was received with approximately 5ml of volume for VOA analysis. COC also states that matrix should be soil, but it appears to be water.

COC: F06-005-188
098
101
191
190
100
189
099

Corrective Action:

☐ Client Contact Name: Informed by:

☐ Sample(s) processed "as is"

☐ Sample(s) on hold until: If released, notify:

Project Management Review: [signature] Date: 3-28-06

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 03/01/06\\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004030106.doc