ANALYTICAL REPORT

PROJECT NO. 25366827.FI310

ES-SAP US STEEL GARY,IN

SDG #: 0G22521

Lot(s): A0G220521, A0G220525

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Table of Contents

Case Narrative 2
Executive Summary 9
Analytical Method Summary 25
Sample Summary 27
Shipping and Receiving Documents 30
GC/MS Volatile Data 39
GC/MS Semivolatile Data 128
Polychlorinated Biphenyls Data 310
Inorganic/Metals Data 329
General Chemistry Data 439
PITTSBURGH DATA 458

Total # of Pages in this Document 537

CASE NARRATIVE

CASE NARRATIVE

0G22521

The following report contains the analytical results for twenty-six solid samples submitted to TestAmerica North Canton by United States Steel Corporation from the ES-SAP US Steel Gary, IN Site, project number 25366827.FI310. The samples were received July 22, 2010, according to documented sample acceptance procedures.

The Lithium analysis was performed at the TestAmerica Pittsburgh Laboratory.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Pei-Fung_Hurst, Susanne Tomajko-Seydel, and Suzanne Bonola on July 27, 2010, Adrienne Sims, Pei-Fung_Hurst, Susanne Tomajko-Seydel, and Suzanne Bonola on July 28, 2010, Pei-Fung_Hurst, Susanne Tomajko-Seydel, Suzanne Bonola, Adrienne Sims, and Jo Hayes on July 29, 2010, and July 30, 2010. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

CASE NARRATIVE (continued)

If you have any questions, please call the Project Manager, Alesia M. Danford, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The coolers were received at temperatures ranging from 3.7to 4.5° C.

See TestAmerica's Cooler Receipt Form for additional information.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for batch(es) 0207159 and 0205085 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The SPLP extraction blank associated with batch 0210382 had analytes detected at concentrations greater than reporting limits. Upon consultation with client, it was determined that the concentrations detected were below the project evaluation limits and the results could be reported as is. No further corrective action was taken.

CASE NARRATIVE (continued)

GC/MS SEMIVOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for ES-SL-SW003-07212010 and ES-SL-SE004-07212010 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

Hexachlorophene and Kepone are unstable in methylene chloride and degrade soon after exposure to the solvent. These analytes are reported as TICs for samples ES-SL-SW003-07212010, ES-SL-NE004-07212010, ES-SL-NE001-07212010, ES-SL-NE002-07212010, ES-SL-SE003-07212010-FD, ES-SL-SW002-07212010, ES-SL-SE004-07212010, ES-SL-SE003-07212010, ES-SL-SE002-07212010, ES-SL-SE001-07212010, ES-SL-SW001-07212010 and ES-SL-SW004-07212010.

POLYCHLORINATED BIPHENYLS-8082

The analytical results met the requirements of the laboratory's QA/QC program.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

Serial dilution of a sample in this lot indicates that physical and chemical interferences were present. Refer to the sample report pages for the affected analytes flagged with "E".

CASE NARRATIVE (continued)

METALS (cont)

The sample(s) had elevated reporting limits due to matrix interferences. Refer to the sample report pages for the affected analyte(s) flagged with "G".

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for ES-SL-SW003-07212010 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".

The matrix spike/matrix spike duplicate(s) for ES-SL-SW003-07212010 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

QUALITY CONTROL ELEMENTS NARRATIVE (continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

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EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220521

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-SW003-07212010 07/21/10 08:00 001				
Silver	0.13 B	0.52	mg/kg	SW846 6010B
Arsenic	0.59 B	1.0	mg/kg	SW846 6010B
Cobalt	1.1 B	5.2	mg/kg	SW846 6010B
Chromium	23.0 E	0.52	mg/kg	SW846 6010B
Lead	0.35	0.31	mg/kg	SW846 6010B
Selenium	3.0	0.52	mg/kg	SW846 6010B
Thallium	7.4	1.0	mg/kg	SW846 6010B
Vanadium	24.1 E	5.2	mg/kg	SW846 6010B
Lithium	35.5	5.2	mg/kg	SW846 6010B
Aluminum	25800 E	20.8	mg/kg	SW846 6010B
Barium	286 J,E	20.8	mg/kg	SW846 6010B
Beryllium	8.5 E	0.52	mg/kg	SW846 6010B
Copper	0.84 B	2.6	mg/kg	SW846 6010B
Iron	1820 E	10.4	mg/kg	SW846 6010B
Manganese	2770 E	1.6	mg/kg	SW846 6010B
Nickel	0.29 B	4.2	mg/kg	SW846 6010B
Zinc	9.5 J,E	2.1	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	26 J,B	52	ug/kg	SW846 8270C
Fluoranthene	23	6.9	ug/kg	SW846 8270C
Acetone	38	24	ug/kg	SW846 8260B
Hexavalent Chromium	0.66 B	0.83	mg/kg	SW846 7196A
Percent Solids	96.0	10.0	%	MCAWW 160.3 MOD
ES-SL-SW002-07212010 07/21/10 08:10 002				
Silver	0.20 B	0.60	mg/kg	SW846 6010B
Arsenic	0.44 B	1.2	mg/kg	SW846 6010B
Cobalt	1.3 B	6.0	mg/kg	SW846 6010B
Chromium	21.8	0.60	mg/kg	SW846 6010B
Lead	0.26 B	0.36	mg/kg	SW846 6010B
Antimony	0.75 B	1.2	mg/kg	SW846 6010B
Selenium	3.1	0.60	mg/kg	SW846 6010B
Thallium	9.0	1.2	mg/kg	SW846 6010B
Vanadium	25.7	6.0	mg/kg	SW846 6010B
Lithium	40.7	6.0	mg/kg	SW846 6010B
Aluminum	28400	23.9	mg/kg	SW846 6010B
Barium	332 J	23.9	mg/kg	SW846 6010B
Beryllium	9.6	0.60	mg/kg	SW846 6010B
Copper	0.93 B	3.0	mg/kg	SW846 6010B
Iron	1370	12.0	mg/kg	SW846 6010B
Manganese	2980	1.8	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220521

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-SW002-07212010 07/21/10 08:10 002				
Zinc	12.1 J	2.4	mg/kg	SW846 6010B
Benzo(a)anthracene	10	8.0	ug/kg	SW846 8270C
Benzo(a)pyrene	12	8.0	ug/kg	SW846 8270C
Benzo(b)fluoranthene	20	8.0	ug/kg	SW846 8270C
Benzo(ghi)perylene	13	8.0	ug/kg	SW846 8270C
Chrysene	14	8.0	ug/kg	SW846 8270C
Fluoranthene	14	8.0	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	9.3	8.0	ug/kg	SW846 8270C
Pyrene	13	8.0	ug/kg	SW846 8270C
Acetone	11 J	29	ug/kg	SW846 8260B
Carbon disulfide	1.1 J	7.3	ug/kg	SW846 8260B
Toluene	0.48 J	7.3	ug/kg	SW846 8260B
Hexavalent Chromium	0.50 B	0.96	mg/kg	SW846 7196A
Percent Solids	83.6	10.0	%	MCAWW 160.3 MOD
ES-SL-SE004-07212010 07/21/10 08:15 003				
Silver	0.23 B	0.56	mg/kg	SW846 6010B
Arsenic	0.48 B	1.1	mg/kg	SW846 6010B
Cobalt	1.2 B	5.6	mg/kg	SW846 6010B
Chromium	23.2	0.56	mg/kg	SW846 6010B
Lead	0.46	0.34	mg/kg	SW846 6010B
Antimony	0.53 B	1.1	mg/kg	SW846 6010B
Selenium	3.5	0.56	mg/kg	SW846 6010B
Thallium	9.1	1.1	mg/kg	SW846 6010B
Vanadium	27.1	5.6	mg/kg	SW846 6010B
Lithium	39.9	5.6	mg/kg	SW846 6010B
Aluminum	26800	22.5	mg/kg	SW846 6010B
Barium	291 J	22.5	mg/kg	SW846 6010B
Beryllium	8.6	0.56	mg/kg	SW846 6010B
Copper	1.8 B	2.8	mg/kg	SW846 6010B
Iron	1310	11.2	mg/kg	SW846 6010B
Manganese	3160	1.7	mg/kg	SW846 6010B
Zinc	4.1 J	2.2	mg/kg	SW846 6010B
Benzo(b)fluoranthene	12	7.5	ug/kg	SW846 8270C
Chrysene	9.2	7.5	ug/kg	SW846 8270C
Fluoranthene	16	7.5	ug/kg	SW846 8270C
Pyrene	10	7.5	ug/kg	SW846 8270C
Acetone	16 J	23	ug/kg	SW846 8260B
Carbon disulfide	0.60 J	5.7	ug/kg	SW846 8260B
Toluene	0.31 J	5.7	ug/kg	SW846 8260B
Percent Solids	89.0	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220521

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-SE003-07212010 07/21/10 08:20 004				
Silver	0.32 B	0.53	mg/kg	SW846 6010B
Arsenic	0.61 B	1.1	mg/kg	SW846 6010B
Cobalt	1.3 B	5.3	mg/kg	SW846 6010B
Chromium	20.0	0.53	mg/kg	SW846 6010B
Lead	0.26 B	0.32	mg/kg	SW846 6010B
Antimony	0.49 B	1.1	mg/kg	SW846 6010B
Selenium	3.1	0.53	mg/kg	SW846 6010B
Thallium	8.8	1.1	mg/kg	SW846 6010B
Vanadium	25.1	5.3	mg/kg	SW846 6010B
Lithium	35.9	5.3	mg/kg	SW846 6010B
Aluminum	27700	21.2	mg/kg	SW846 6010B
Barium	285 J	21.2	mg/kg	SW846 6010B
Beryllium	8.6	0.53	mg/kg	SW846 6010B
Copper	1.6 B	2.6	mg/kg	SW846 6010B
Iron	1460	10.6	mg/kg	SW846 6010B
Manganese	3050	1.6	mg/kg	SW846 6010B
Zinc	4.3 J	2.1	mg/kg	SW846 6010B
Benzo(a)anthracene	8.0	7.1	ug/kg	SW846 8270C
Benzo(a)pyrene	8.1	7.1	ug/kg	SW846 8270C
Benzo(b)fluoranthene	13	7.1	ug/kg	SW846 8270C
Benzo(ghi)perylene	8.3	7.1	ug/kg	SW846 8270C
Chrysene	8.9	7.1	ug/kg	SW846 8270C
Fluoranthene	17	7.1	ug/kg	SW846 8270C
Pyrene	12	7.1	ug/kg	SW846 8270C
Carbon disulfide	0.69 J	5.2	ug/kg	SW846 8260B
Methylene chloride	1.5 J,B	5.2	ug/kg	SW846 8260B
Hexavalent Chromium	0.63 B	0.85	mg/kg	SW846 7196A
Percent Solids	94.5	10.0	%	MCAWW 160.3 MOD
ES-SL-SE002-07212010 07/21/10 08:30 005				
Arsenic	0.52 B	1.0	mg/kg	SW846 6010B
Cobalt	1.3 B	5.1	mg/kg	SW846 6010B
Chromium	25.7	0.51	mg/kg	SW846 6010B
Lead	0.37	0.31	mg/kg	SW846 6010B
Antimony	0.42 B	1.0	mg/kg	SW846 6010B
Selenium	3.7	1.0	mg/kg	SW846 6010B
Thallium	12.7	2.0	mg/kg	SW846 6010B
Vanadium	31.3	5.1	mg/kg	SW846 6010B
Lithium	38.0	5.1	mg/kg	SW846 6010B
Aluminum	27100	20.4	mg/kg	SW846 6010B
Barium	283 J	20.4	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220521

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-SE002-07212010 07/21/10 08:30 005				
Beryllium	8.3	0.51	mg/kg	SW846 6010B
Copper	1.1 B	2.6	mg/kg	SW846 6010B
Iron	1560	10.2	mg/kg	SW846 6010B
Manganese	3900	3.1	mg/kg	SW846 6010B
Zinc	5.0 J	2.0	mg/kg	SW846 6010B
Benzo(a)anthracene	8.0	6.8	ug/kg	SW846 8270C
Benzo(b)fluoranthene	16	6.8	ug/kg	SW846 8270C
Benzo(ghi)perylene	8.2	6.8	ug/kg	SW846 8270C
Chrysene	10	6.8	ug/kg	SW846 8270C
Fluoranthene	17	6.8	ug/kg	SW846 8270C
Pyrene	10	6.8	ug/kg	SW846 8270C
Acetone	50	20	ug/kg	SW846 8260B
Carbon disulfide	0.71 J	4.9	ug/kg	SW846 8260B
Toluene	0.27 J	4.9	ug/kg	SW846 8260B
Percent Solids	97.9	10.0	%	MCAWW 160.3 MOD
ES-SL-SE001-07212010 07/21/10 08:40 006				
Arsenic	0.70 B	1.0	mg/kg	SW846 6010B
Cobalt	1.2 B	5.2	mg/kg	SW846 6010B
Chromium	23.7	0.52	mg/kg	SW846 6010B
Lead	0.27 B	0.31	mg/kg	SW846 6010B
Selenium	3.7	1.0	mg/kg	SW846 6010B
Thallium	11.1	2.1	mg/kg	SW846 6010B
Vanadium	29.1	5.2	mg/kg	SW846 6010B
Lithium	41.5	5.2	mg/kg	SW846 6010B
Aluminum	30000	20.7	mg/kg	SW846 6010B
Barium	336 J	20.7	mg/kg	SW846 6010B
Beryllium	9.0	0.52	mg/kg	SW846 6010B
Copper	0.80 B	2.6	mg/kg	SW846 6010B
Iron	1630	10.4	mg/kg	SW846 6010B
Manganese	3600	3.1	mg/kg	SW846 6010B
Zinc	9.7 J	2.1	mg/kg	SW846 6010B
Benzo(a)anthracene	18	6.9	ug/kg	SW846 8270C
Benzo(a)pyrene	16	6.9	ug/kg	SW846 8270C
Benzo(b)fluoranthene	29	6.9	ug/kg	SW846 8270C
Benzo(ghi)perylene	15	6.9	ug/kg	SW846 8270C
Benzo(k)fluoranthene	12	6.9	ug/kg	SW846 8270C
Chrysene	22	6.9	ug/kg	SW846 8270C
Fluoranthene	23	6.9	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	12	6.9	ug/kg	SW846 8270C
Pyrene	19	6.9	ug/kg	SW846 8270C
Methylene chloride	2.3 J,B	5.5	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220521

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-SE001-07212010 07/21/10 08:40 006				
Hexavalent Chromium	0.64 B	0.83	mg/kg	SW846 7196A
Percent Solids	96.5	10.0	%	MCAWW 160.3 MOD
ES-SL-SW001-07212010 07/21/10 08:45 007				
Silver	0.17 B	0.59	mg/kg	SW846 6010B
Arsenic	0.76 B	1.2	mg/kg	SW846 6010B
Cobalt	1.2 B	5.9	mg/kg	SW846 6010B
Chromium	21.2	0.59	mg/kg	SW846 6010B
Lead	0.34 B	0.36	mg/kg	SW846 6010B
Selenium	3.2	0.59	mg/kg	SW846 6010B
Thallium	8.8	1.2	mg/kg	SW846 6010B
Vanadium	26.9	5.9	mg/kg	SW846 6010B
Lithium	42.3	5.9	mg/kg	SW846 6010B
Aluminum	25600	23.8	mg/kg	SW846 6010B
Barium	289 J	23.8	mg/kg	SW846 6010B
Beryllium	7.6	0.59	mg/kg	SW846 6010B
Copper	0.97 B	3.0	mg/kg	SW846 6010B
Iron	1280	11.9	mg/kg	SW846 6010B
Manganese	3030	1.8	mg/kg	SW846 6010B
Zinc	4.3 J	2.4	mg/kg	SW846 6010B
Benzo(b)fluoranthene	9.0	7.9	ug/kg	SW846 8270C
Di-n-butyl phthalate	29 J	59	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	88	59	ug/kg	SW846 8270C
Fluoranthene	9.4	7.9	ug/kg	SW846 8270C
Carbon disulfide	0.72 J	6.7	ug/kg	SW846 8260B
Methylene chloride	2.1 J,B	6.7	ug/kg	SW846 8260B
Hexavalent Chromium	0.77 B	0.95	mg/kg	SW846 7196A
Percent Solids	84.1	10.0	%	MCAWW 160.3 MOD
ES-SL-SW004-07212010 07/21/10 08:50 008				
Silver	0.16 B	0.52	mg/kg	SW846 6010B
Arsenic	0.45 B	1.0	mg/kg	SW846 6010B
Cobalt	1.3 B	5.2	mg/kg	SW846 6010B
Chromium	20.0	0.52	mg/kg	SW846 6010B
Lead	0.29 B	0.31	mg/kg	SW846 6010B
Selenium	3.1	0.52	mg/kg	SW846 6010B
Thallium	8.5	1.0	mg/kg	SW846 6010B
Vanadium	23.1	5.2	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220521

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-SW004-07212010 07/21/10 08:50 008				
Lithium	36.5	5.2	mg/kg	SW846 6010B
Aluminum	26300	20.8	mg/kg	SW846 6010B
Barium	282 J	20.8	mg/kg	SW846 6010B
Beryllium	8.4	0.52	mg/kg	SW846 6010B
Copper	0.79 B	2.6	mg/kg	SW846 6010B
Iron	1310	10.4	mg/kg	SW846 6010B
Manganese	2820	1.6	mg/kg	SW846 6010B
Zinc	9.2 J	2.1	mg/kg	SW846 6010B
Benzo(a)anthracene	11	6.9	ug/kg	SW846 8270C
Benzo(a)pyrene	13	6.9	ug/kg	SW846 8270C
Benzo(b)fluoranthene	21	6.9	ug/kg	SW846 8270C
Benzo(ghi)perylene	13	6.9	ug/kg	SW846 8270C
Benzo(k)fluoranthene	8.1	6.9	ug/kg	SW846 8270C
Chrysene	14	6.9	ug/kg	SW846 8270C
Fluoranthene	17	6.9	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	9.5	6.9	ug/kg	SW846 8270C
Pyrene	13	6.9	ug/kg	SW846 8270C
Carbon disulfide	1.6 J	5.8	ug/kg	SW846 8260B
Methylene chloride	6.5 B	5.8	ug/kg	SW846 8260B
Hexavalent Chromium	0.48 B	0.83	mg/kg	SW846 7196A
Percent Solids	96.2	10.0	%	MCAWW 160.3 MOD
ES-SL-NE003-07212010 07/21/10 09:00 009				
Silver	0.20 B	0.52	mg/kg	SW846 6010B
Arsenic	0.59 B	1.0	mg/kg	SW846 6010B
Cobalt	1.1 B	5.2	mg/kg	SW846 6010B
Chromium	23.0	0.52	mg/kg	SW846 6010B
Lead	0.22 B	0.31	mg/kg	SW846 6010B
Antimony	0.41 B	1.0	mg/kg	SW846 6010B
Selenium	3.6	0.52	mg/kg	SW846 6010B
Thallium	8.2	1.0	mg/kg	SW846 6010B
Vanadium	27.1	5.2	mg/kg	SW846 6010B
Lithium	37.2	5.2	mg/kg	SW846 6010B
Aluminum	28000	20.7	mg/kg	SW846 6010B
Barium	298 J	20.7	mg/kg	SW846 6010B
Beryllium	8.9	0.52	mg/kg	SW846 6010B
Copper	0.88 B	2.6	mg/kg	SW846 6010B
Iron	2400	10.3	mg/kg	SW846 6010B
Manganese	2910	1.6	mg/kg	SW846 6010B
Zinc	8.0 J	2.1	mg/kg	SW846 6010B
Benzo(a)anthracene	23	6.9	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220521

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-NE003-07212010 07/21/10 09:00 009				
Benzo(a)pyrene	23	6.9	ug/kg	SW846 8270C
Benzo(b)fluoranthene	38	6.9	ug/kg	SW846 8270C
Benzo(ghi)perylene	23	6.9	ug/kg	SW846 8270C
Benzo(k)fluoranthene	18	6.9	ug/kg	SW846 8270C
Chrysene	31	6.9	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	24 J,B	52	ug/kg	SW846 8270C
Fluoranthene	62	6.9	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	17	6.9	ug/kg	SW846 8270C
Phenanthrene	20	6.9	ug/kg	SW846 8270C
Pyrene	33	6.9	ug/kg	SW846 8270C
Carbon disulfide	1.7 J	4.2	ug/kg	SW846 8260B
Methylene chloride	4.1 J,B	4.2	ug/kg	SW846 8260B
Percent Solids	96.6	10.0	%	MCAWW 160.3 MOD
ES-SL-NE004-07212010 07/21/10 09:05 010				
Silver	0.20 B	0.52	mg/kg	SW846 6010B
Arsenic	0.59 B	1.0	mg/kg	SW846 6010B
Cobalt	1.1 B	5.2	mg/kg	SW846 6010B
Chromium	24.2	0.52	mg/kg	SW846 6010B
Lead	0.51	0.31	mg/kg	SW846 6010B
Antimony	0.52 B	1.0	mg/kg	SW846 6010B
Selenium	4.2	0.52	mg/kg	SW846 6010B
Thallium	9.0	1.0	mg/kg	SW846 6010B
Vanadium	28.7	5.2	mg/kg	SW846 6010B
Lithium	38.2	5.2	mg/kg	SW846 6010B
Aluminum	28400	20.8	mg/kg	SW846 6010B
Barium	339 J	20.8	mg/kg	SW846 6010B
Beryllium	9.4	0.52	mg/kg	SW846 6010B
Copper	2.0 B	2.6	mg/kg	SW846 6010B
Iron	1700	10.4	mg/kg	SW846 6010B
Manganese	3040	1.6	mg/kg	SW846 6010B
Nickel	0.37 B	4.2	mg/kg	SW846 6010B
Zinc	20.6 J	2.1	mg/kg	SW846 6010B
Benzo(a)anthracene	25	7.0	ug/kg	SW846 8270C
Benzo(a)pyrene	29	7.0	ug/kg	SW846 8270C
Benzo(b)fluoranthene	49	7.0	ug/kg	SW846 8270C
Benzo(ghi)perylene	28	7.0	ug/kg	SW846 8270C
Benzo(k)fluoranthene	17	7.0	ug/kg	SW846 8270C
Chrysene	28	7.0	ug/kg	SW846 8270C
Di-n-butyl phthalate	21 J	52	ug/kg	SW846 8270C
Fluoranthene	48	7.0	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220521

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-NE004-07212010 07/21/10 09:05 010				
Indeno(1,2,3-cd)pyrene	21	7.0	ug/kg	SW846 8270C
Phenanthrene	35	7.0	ug/kg	SW846 8270C
Pyrene	34	7.0	ug/kg	SW846 8270C
Acetone	7.7 J	23	ug/kg	SW846 8260B
Carbon disulfide	1.2 J	5.6	ug/kg	SW846 8260B
Methylene chloride	4.5 J,B	5.6	ug/kg	SW846 8260B
Toluene	0.36 J	5.6	ug/kg	SW846 8260B
Hexavalent Chromium	0.81 B	0.83	mg/kg	SW846 7196A
Percent Solids	96.0	10.0	%	MCAWW 160.3 MOD
ES-SL-NE001-07212010 07/21/10 09:15 011				
Silver	0.11 B	0.52	mg/kg	SW846 6010B
Arsenic	0.70 B	1.0	mg/kg	SW846 6010B
Cobalt	0.87 B	5.2	mg/kg	SW846 6010B
Chromium	19.2	0.52	mg/kg	SW846 6010B
Lead	0.44	0.31	mg/kg	SW846 6010B
Antimony	0.46 B	1.0	mg/kg	SW846 6010B
Selenium	3.6	0.52	mg/kg	SW846 6010B
Thallium	8.3	1.0	mg/kg	SW846 6010B
Vanadium	22.5	5.2	mg/kg	SW846 6010B
Lithium	38.3	5.2	mg/kg	SW846 6010B
Aluminum	28700	20.7	mg/kg	SW846 6010B
Barium	308 J	20.7	mg/kg	SW846 6010B
Beryllium	9.0	0.52	mg/kg	SW846 6010B
Copper	1.2 B	2.6	mg/kg	SW846 6010B
Iron	1610	10.3	mg/kg	SW846 6010B
Manganese	2720	1.5	mg/kg	SW846 6010B
Zinc	11.7 J	2.1	mg/kg	SW846 6010B
Benzo(a)anthracene	24	6.9	ug/kg	SW846 8270C
Benzo(a)pyrene	27	6.9	ug/kg	SW846 8270C
Benzo(b)fluoranthene	45	6.9	ug/kg	SW846 8270C
Benzo(ghi)perylene	26	6.9	ug/kg	SW846 8270C
Benzo(k)fluoranthene	17	6.9	ug/kg	SW846 8270C
Chrysene	30	6.9	ug/kg	SW846 8270C
Fluoranthene	40	6.9	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	19	6.9	ug/kg	SW846 8270C
Phenanthrene	17	6.9	ug/kg	SW846 8270C
Pyrene	30	6.9	ug/kg	SW846 8270C
Carbon disulfide	1.5 J	5.6	ug/kg	SW846 8260B
Methylene chloride	5.6 B	5.6	ug/kg	SW846 8260B
Hexavalent Chromium	0.72 B	0.83	mg/kg	SW846 7196A

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220521

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-NE001-07212010 07/21/10 09:15 011				
Percent Solids	96.8	10.0	%	MCAWW 160.3 MOD
ES-SL-NE002-07212010 07/21/10 09:20 012				
Silver	0.20 B	0.52	mg/kg	SW846 6010B
Arsenic	0.79 B	1.0	mg/kg	SW846 6010B
Cobalt	1.2 B	5.2	mg/kg	SW846 6010B
Chromium	23.2	0.52	mg/kg	SW846 6010B
Lead	0.87	0.31	mg/kg	SW846 6010B
Selenium	4.2	0.52	mg/kg	SW846 6010B
Thallium	9.0	1.0	mg/kg	SW846 6010B
Vanadium	27.4	5.2	mg/kg	SW846 6010B
Lithium	39.4	5.2	mg/kg	SW846 6010B
Aluminum	28100	20.8	mg/kg	SW846 6010B
Barium	321 J	20.8	mg/kg	SW846 6010B
Beryllium	9.0	0.52	mg/kg	SW846 6010B
Copper	3.4	2.6	mg/kg	SW846 6010B
Iron	1720	10.4	mg/kg	SW846 6010B
Manganese	3030	1.6	mg/kg	SW846 6010B
Nickel	0.47 B	4.2	mg/kg	SW846 6010B
Zinc	39.8 J	2.1	mg/kg	SW846 6010B
Anthracene	18	6.9	ug/kg	SW846 8270C
Benzo(a)anthracene	56	6.9	ug/kg	SW846 8270C
Benzo(a)pyrene	54	6.9	ug/kg	SW846 8270C
Benzo(b)fluoranthene	84	6.9	ug/kg	SW846 8270C
Benzo(ghi)perylene	50	6.9	ug/kg	SW846 8270C
Benzo(k)fluoranthene	31	6.9	ug/kg	SW846 8270C
Chrysene	58	6.9	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	11	6.9	ug/kg	SW846 8270C
Dibenzofuran	9.0 J	52	ug/kg	SW846 8270C
Fluoranthene	120	6.9	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	38	6.9	ug/kg	SW846 8270C
Phenanthrene	77	6.9	ug/kg	SW846 8270C
Pyrene	80	6.9	ug/kg	SW846 8270C
Carbon disulfide	0.99 J	5.4	ug/kg	SW846 8260B
Methylene chloride	5.4 B	5.4	ug/kg	SW846 8260B
Percent Solids	96.3	10.0	%	MCAWW 160.3 MOD
ES-SL-SE003-07212010-FD 07/21/10 08:20 013				
Silver	0.20 B	0.54	mg/kg	SW846 6010B
Arsenic	0.67 B	1.1	mg/kg	SW846 6010B
Cobalt	1.1 B	5.4	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220521

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-SE003-07212010-FD 07/21/10 08:20 013				
Chromium	21.4	0.54	mg/kg	SW846 6010B
Lead	0.35	0.33	mg/kg	SW846 6010B
Selenium	3.3	0.54	mg/kg	SW846 6010B
Thallium	9.4	1.1	mg/kg	SW846 6010B
Vanadium	25.6	5.4	mg/kg	SW846 6010B
Lithium	34.2	5.4	mg/kg	SW846 6010B
Aluminum	27200	21.7	mg/kg	SW846 6010B
Barium	285 J	21.7	mg/kg	SW846 6010B
Beryllium	8.8	0.54	mg/kg	SW846 6010B
Copper	1.4 B	2.7	mg/kg	SW846 6010B
Iron	1430	10.9	mg/kg	SW846 6010B
Manganese	3120	1.6	mg/kg	SW846 6010B
Zinc	4.2 J	2.2	mg/kg	SW846 6010B
Benzo(a)anthracene	11	7.2	ug/kg	SW846 8270C
Benzo(a)pyrene	10	7.2	ug/kg	SW846 8270C
Benzo(b)fluoranthene	15	7.2	ug/kg	SW846 8270C
Benzo(ghi)perylene	9.1	7.2	ug/kg	SW846 8270C
Chrysene	12	7.2	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	930	54	ug/kg	SW846 8270C
Fluoranthene	24	7.2	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	7.5	7.2	ug/kg	SW846 8270C
Phenanthrene	9.2	7.2	ug/kg	SW846 8270C
Pyrene	15	7.2	ug/kg	SW846 8270C
Carbon disulfide	0.71 J	5.7	ug/kg	SW846 8260B
Methylene chloride	4.3 J,B	5.7	ug/kg	SW846 8260B
Percent Solids	92.0	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220525

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-SW003-07212010 07/21/10 08:00 001				
Vanadium - SPLP	14.5	7.0	ug/L	SW846 6010B
Lithium - SPLP	6.4 B	50.0	ug/L	SW846 6010B
Aluminum - SPLP	216	200	ug/L	SW846 6010B
Barium - SPLP	141 B	200	ug/L	SW846 6010B
Manganese - SPLP	2.6 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	35.0 B,J	100	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.4	1.0	ug/L	SW846 8270C
Acetone	1.6 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.31 J	1.0	ug/L	SW846 8260B
Chloroform	1.7 B	1.0	ug/L	SW846 8260B
Ethylbenzene	3.5	1.0	ug/L	SW846 8260B
Methylene chloride	1.1 B	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone (MIBK)	38	10	ug/L	SW846 8260B
Toluene	1.0 B	1.0	ug/L	SW846 8260B
Xylenes (total)	19	2.0	ug/L	SW846 8260B
ES-SL-SW002-07212010 07/21/10 08:10 002				
Vanadium - SPLP	12.3	7.0	ug/L	SW846 6010B
Lithium - SPLP	4.9 B	50.0	ug/L	SW846 6010B
Barium - SPLP	106 B	200	ug/L	SW846 6010B
Manganese - SPLP	12.5 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	35.7 B,J	100	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	0.94 J	1.0	ug/L	SW846 8270C
Acetone	1.6 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.14 J	1.0	ug/L	SW846 8260B
Chloroform	1.4 B	1.0	ug/L	SW846 8260B
Ethylbenzene	1.4	1.0	ug/L	SW846 8260B
Methylene chloride	0.72 J,B	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone (MIBK)	4.5 J	10	ug/L	SW846 8260B
Tetrachloroethene	0.91 J,B	1.0	ug/L	SW846 8260B
Toluene	0.62 J,B	1.0	ug/L	SW846 8260B
Xylenes (total)	6.0	2.0	ug/L	SW846 8260B
ES-SL-SE004-07212010 07/21/10 08:15 003				
Vanadium - SPLP	14.3	7.0	ug/L	SW846 6010B
Lithium - SPLP	5.0 B	50.0	ug/L	SW846 6010B
Barium - SPLP	86.8 B	200	ug/L	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220525

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-SE004-07212010 07/21/10 08:15 003				
Manganese - SPLP	4.8 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	34.1 B,J	100	ug/L	SW846 6010B
Acetone	6.4 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.18 J	1.0	ug/L	SW846 8260B
Chloroform	1.4 B	1.0	ug/L	SW846 8260B
Methylene chloride	6.4 B	1.0	ug/L	SW846 8260B
Tetrachloroethene	1.2 B	1.0	ug/L	SW846 8260B
Toluene	0.25 J,B	1.0	ug/L	SW846 8260B
ES-SL-SE003-07212010 07/21/10 08:20 004				
Vanadium - SPLP	15.4	7.0	ug/L	SW846 6010B
Lithium - SPLP	5.3 B	50.0	ug/L	SW846 6010B
Barium - SPLP	90.7 B	200	ug/L	SW846 6010B
Manganese - SPLP	6.9 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	34.4 B,J	100	ug/L	SW846 6010B
Benzene	0.92 J	1.0	ug/L	SW846 8260B
Carbon disulfide	0.13 J	1.0	ug/L	SW846 8260B
Chloroform	1.5 B	1.0	ug/L	SW846 8260B
Ethylbenzene	0.25 J	1.0	ug/L	SW846 8260B
Methylene chloride	0.80 J,B	1.0	ug/L	SW846 8260B
Toluene	2.2 B	1.0	ug/L	SW846 8260B
Xylenes (total)	2.2	2.0	ug/L	SW846 8260B
ES-SL-SE002-07212010 07/21/10 08:30 005				
Vanadium - SPLP	12.3	7.0	ug/L	SW846 6010B
Lithium - SPLP	8.8 B	50.0	ug/L	SW846 6010B
Barium - SPLP	65.9 B	200	ug/L	SW846 6010B
Manganese - SPLP	7.7 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	30.6 B,J	100	ug/L	SW846 6010B
Acetone	1.9 J,B	10	ug/L	SW846 8260B
Benzene	0.24 J	1.0	ug/L	SW846 8260B
Carbon disulfide	0.30 J	1.0	ug/L	SW846 8260B
Chloroform	1.4 B	1.0	ug/L	SW846 8260B
Ethylbenzene	0.26 J	1.0	ug/L	SW846 8260B
Methylene chloride	0.84 J,B	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone (MIBK)	0.49 J	10	ug/L	SW846 8260B
Toluene	3.9 B	1.0	ug/L	SW846 8260B
Xylenes (total)	1.9 J	2.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220525

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-SE001-07212010 07/21/10 08:40 006				
Vanadium - SPLP	12.6	7.0	ug/L	SW846 6010B
Lithium - SPLP	7.5 B	50.0	ug/L	SW846 6010B
Aluminum - SPLP	105 B	200	ug/L	SW846 6010B
Barium - SPLP	63.8 B	200	ug/L	SW846 6010B
Manganese - SPLP	20.4 J	15.0	ug/L	SW846 6010B
Tin - SPLP	33.5 B,J	100	ug/L	SW846 6010B
Acetone	1.9 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.22 J	1.0	ug/L	SW846 8260B
Chloroform	1.4 B	1.0	ug/L	SW846 8260B
Toluene	0.40 J,B	1.0	ug/L	SW846 8260B
ES-SL-SW001-07212010 07/21/10 08:45 007				
Vanadium - SPLP	15.3	7.0	ug/L	SW846 6010B
Lithium - SPLP	8.2 B	50.0	ug/L	SW846 6010B
Aluminum - SPLP	100 B	200	ug/L	SW846 6010B
Barium - SPLP	62.6 B	200	ug/L	SW846 6010B
Manganese - SPLP	12.6 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	33.1 B,J	100	ug/L	SW846 6010B
Acetone	3.0 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.14 J	1.0	ug/L	SW846 8260B
Chloroform	1.3 B	1.0	ug/L	SW846 8260B
Methylene chloride	0.77 J,B	1.0	ug/L	SW846 8260B
Tetrachloroethene	3.3 B	1.0	ug/L	SW846 8260B
Toluene	0.19 J,B	1.0	ug/L	SW846 8260B
ES-SL-SW004-07212010 07/21/10 08:50 008				
Vanadium - SPLP	13.1	7.0	ug/L	SW846 6010B
Lithium - SPLP	5.2 B	50.0	ug/L	SW846 6010B
Barium - SPLP	81.9 B	200	ug/L	SW846 6010B
Manganese - SPLP	2.4 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	31.6 B,J	100	ug/L	SW846 6010B
Acetone	3.8 J,B	20	ug/L	SW846 8260B
Chloroform	1.3 J,B	2.0	ug/L	SW846 8260B
Methylene chloride	0.73 J,B	2.0	ug/L	SW846 8260B
Tetrachloroethene	9.4 B	2.0	ug/L	SW846 8260B
Toluene	170 B	2.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220525

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-NE003-07212010 07/21/10 09:00 009				
Vanadium - SPLP	14.5	7.0	ug/L	SW846 6010B
Lithium - SPLP	31.5 B	50.0	ug/L	SW846 6010B
Aluminum - SPLP	809	200	ug/L	SW846 6010B
Barium - SPLP	110 B	200	ug/L	SW846 6010B
Manganese - SPLP	0.86 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	34.4 B,J	100	ug/L	SW846 6010B
Fluoranthene	0.22	0.20	ug/L	SW846 8270C
Acetone	1.8 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.33 J	1.0	ug/L	SW846 8260B
Chloroform	3.3 B	1.0	ug/L	SW846 8260B
Toluene	0.33 J,B	1.0	ug/L	SW846 8260B
ES-SL-NE004-07212010 07/21/10 09:05 010				
Selenium - SPLP	6.2	5.0	ug/L	SW846 6010B
Vanadium - SPLP	12.9	7.0	ug/L	SW846 6010B
Lithium - SPLP	19.2 B	50.0	ug/L	SW846 6010B
Aluminum - SPLP	374	200	ug/L	SW846 6010B
Barium - SPLP	60.7 B	200	ug/L	SW846 6010B
Manganese - SPLP	0.85 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	31.1 B,J	100	ug/L	SW846 6010B
Acenaphthene	0.36	0.20	ug/L	SW846 8270C
Anthracene	0.26	0.20	ug/L	SW846 8270C
Dibenzofuran	0.27 J	1.0	ug/L	SW846 8270C
Fluoranthene	0.77	0.20	ug/L	SW846 8270C
Fluorene	0.33	0.20	ug/L	SW846 8270C
2-Methylnaphthalene	0.25	0.20	ug/L	SW846 8270C
Phenanthrene	1.3	0.20	ug/L	SW846 8270C
Pyrene	0.51	0.20	ug/L	SW846 8270C
Acetone	3.8 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.22 J	1.0	ug/L	SW846 8260B
Chloroform	1.7 B	1.0	ug/L	SW846 8260B
Ethylbenzene	0.83 J	1.0	ug/L	SW846 8260B
Methylene chloride	1.2 B	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone (MIBK)	1.1 J	10	ug/L	SW846 8260B
Toluene	1.5 B	1.0	ug/L	SW846 8260B
Xylenes (total)	4.5	2.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

0G22521 : A0G220525

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ES-SL-NE001-07212010 07/21/10 09:15 011				
Vanadium - SPLP	11.6	7.0	ug/L	SW846 6010B
Lithium - SPLP	34.8 B	50.0	ug/L	SW846 6010B
Aluminum - SPLP	267	200	ug/L	SW846 6010B
Barium - SPLP	75.0 B	200	ug/L	SW846 6010B
Manganese - SPLP	1.8 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	32.4 B,J	100	ug/L	SW846 6010B
Zinc - SPLP	9.9 B	20.0	ug/L	SW846 6010B
Fluoranthene	0.21	0.20	ug/L	SW846 8270C
Acetone	1.3 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.15 J	1.0	ug/L	SW846 8260B
Chloroform	1.6 B	1.0	ug/L	SW846 8260B
Toluene	0.35 J,B	1.0	ug/L	SW846 8260B
ES-SL-NE002-07212010 07/21/10 09:20 012				
Selenium - SPLP	5.6	5.0	ug/L	SW846 6010B
Vanadium - SPLP	12.5	7.0	ug/L	SW846 6010B
Lithium - SPLP	24.7 B	50.0	ug/L	SW846 6010B
Barium - SPLP	54.9 B	200	ug/L	SW846 6010B
Manganese - SPLP	0.95 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	33.1 B,J	100	ug/L	SW846 6010B
Butyl benzyl phthalate	0.80 J	1.0	ug/L	SW846 8270C
Acetone	2.3 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.18 J	1.0	ug/L	SW846 8260B
Chloroform	1.6 B	1.0	ug/L	SW846 8260B
Methylene chloride	1.8 B	1.0	ug/L	SW846 8260B
Toluene	0.19 J,B	1.0	ug/L	SW846 8260B
ES-SL-SE003-07212010-FD 07/21/10 08:20 013				
Vanadium - SPLP	13.9	7.0	ug/L	SW846 6010B
Lithium - SPLP	4.2 B	50.0	ug/L	SW846 6010B
Barium - SPLP	94.2 B	200	ug/L	SW846 6010B
Manganese - SPLP	3.5 B,J	15.0	ug/L	SW846 6010B
Tin - SPLP	34.4 B,J	100	ug/L	SW846 6010B
Acetone	2.2 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.14 J	1.0	ug/L	SW846 8260B
Chloroform	1.6 B	1.0	ug/L	SW846 8260B
Methylene chloride	0.72 J,B	1.0	ug/L	SW846 8260B
Tetrachloroethene	10 B	1.0	ug/L	SW846 8260B
Toluene	0.20 J,B	1.0	ug/L	SW846 8260B
Trichloroethene	0.23 J	1.0	ug/L	SW846 8260B

METHOD SUMMARY

METHODS SUMMARY

0G22521

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Hexavalent Chromium	SW846 7196A	SW846 3060A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 1312/3010
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 1312/7470
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
PCBs by SW-846 8082	SW846 8082	SW846 3540C/366
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 1312/3520
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
Total Residue as Percent Solids	MCAWW 160.3 MOD	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 1312/3010
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Volatile Organics by GC/MS	SW846 8260B	SW846 1312/5030
Volatile Organics by GC/MS	SW846 8260A	SW846 5030/8260
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B
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

SAMPLE SUMMARY

0G22521 : A0G220521

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L4JXJ	001	ES-SL-SW003-07212010	07/21/10	08:00
L4JXQ	002	ES-SL-SW002-07212010	07/21/10	08:10
L4JXR	003	ES-SL-SE004-07212010	07/21/10	08:15
L4JXW	004	ES-SL-SE003-07212010	07/21/10	08:20
L4JX0	005	ES-SL-SE002-07212010	07/21/10	08:30
L4JX1	006	ES-SL-SE001-07212010	07/21/10	08:40
L4JX2	007	ES-SL-SW001-07212010	07/21/10	08:45
L4JX3	008	ES-SL-SW004-07212010	07/21/10	08:50
L4JX4	009	ES-SL-NE003-07212010	07/21/10	09:00
L4JX5	010	ES-SL-NE004-07212010	07/21/10	09:05
L4JX6	011	ES-SL-NE001-07212010	07/21/10	09:15
L4JX8	012	ES-SL-NE002-07212010	07/21/10	09:20
L4JX9	013	ES-SL-SE003-07212010-FD	07/21/10	08:20

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.

(Continued on next page)

SAMPLE SUMMARY

0G22521 : A0G220525

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L4J0Q	001	ES-SL-SW003-07212010	07/21/10	08:00
L4J0V	002	ES-SL-SW002-07212010	07/21/10	08:10
L4J0W	003	ES-SL-SE004-07212010	07/21/10	08:15
L4J0X	004	ES-SL-SE003-07212010	07/21/10	08:20
L4J00	005	ES-SL-SE002-07212010	07/21/10	08:30
L4J01	006	ES-SL-SE001-07212010	07/21/10	08:40
L4J02	007	ES-SL-SW001-07212010	07/21/10	08:45
L4J03	008	ES-SL-SW004-07212010	07/21/10	08:50
L4J04	009	ES-SL-NE003-07212010	07/21/10	09:00
L4J05	010	ES-SL-NE004-07212010	07/21/10	09:05
L4J06	011	ES-SL-NE001-07212010	07/21/10	09:15
L4J07	012	ES-SL-NE002-07212010	07/21/10	09:20
L4J08	013	ES-SL-SE003-07212010-FD	07/21/10	08:20

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.

SHIPPING
AND
RECEIVING DOCUMENTS

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
URS CORPORATION	PEI-FUNG HURST	7/21/10	379028

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 2
100 S. WACKER DRIVE SUITE 500	312-939-1000		

City	State	Zip Code	Site Contact	Lab Contact
CHICAGO	IL	60606	MARK RUPNOW	ALESIA DANFORD

Project Name and Location (State)	Carrier/Waybill Number
ES-SAP US STEEL GARY, IN	25366827. FI310

Contract/Purchase Order/Quote No.

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	H2O	NaOH	ZnAc/NaOH	MeOH	Appx IX VOC-8260	Appx IX SVOC 8270	Appx IX Metals-6010B	Mercury 7470	LR+6 7196A	PCBs 8082	Total Solids 160.3	SPLP	Special Instructions/ Conditions of Receipt
ES-SL-SW003-07212010	7/21/10	0800				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SW002-07212010	↓	0810				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SE004-07212010		0815				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SE003-07212010		0820				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SE002-07212010		0830				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SE001-07212010		0840				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SW001-07212010		0845				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SW004-07212010		0850				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-NE003-07212010		0900				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-NE004-07212010		0905				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-NE001-07212010		0915				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-NE002-07212010	↓	0920				X	4			2			1	X	X	X	X	X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☒ Archive For PER QAPP Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	7/21/10	1700	1. Received By: [signature]	7/22/10	915
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: URS CORPORATION	Client Project Manager: PEI-FUNG HURST	Site Contact: MARK RUPNOW	Lab Contact: ALESIA DANFORD	COC No:
Address: 100 S. WACKER DR SUITE 500	Telephone: 3129391000	Telephone:	Telephone:	2 of 2 COCs
City/State/Zip: CHICAGO, IL 60606	Email: PEI-FUNG HURST@URSCORP	Analysis Turnaround Time (in BUS days)		For lab use only
Phone: 312-939-1000		TAT if different from below _____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: US STEEL ES-SAP	Method of Shipment/Carrier: FEDEX			
Project Number: 25366827.FI310	Shipping/Tracking No:			Job/SDG No:
PO #				

Analyses

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	Qu H2O	NaOH	ZnAc/NaOH	Unpres	Other: MeOH	Filtered Sample (Y/N)	Composite-C, Grab-G	Appx IX VOC 8260	Appx IX SVOC 8270	Appx IX Metals 6010B	Mercury 7470	CR+6 7196A	PCBs 8082	Total Solids 160.3	SPLP			Sample Specific Notes / Special Instructions:
ES-SL-SE003-07212010	7/21/10	0820				X				2			4	1	N	C	X	X	X	X	X	X	X	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal By Lab ☒ Archive For 1 Mo QAPP Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	URS CORP	7/21/10 1700			
			Received in Laboratory by: [signature]	Company: TA	Date/Time: 7/22/10 915

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TAL-0018 (1008)

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** A0G220521
North Canton Facility

Client URS Project ES-SAP By: [signature] (Signature)
Cooler Received on 7/22/10 Opened on 7/22/10
FedEx ☐ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 2 each Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ ~~No ☐~~ Relinquished by client? Yes ☒ ~~No~~ ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ ~~No~~ ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☒
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:
SPLP on COC = SPLP VOAS, Metals, + BNAS per AMD
Received one sample called ES-SL-SE003-07212010-FD @ 0820 not on COC. Will log this as the last sample in the lot.

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 051010-HNO_3; *Sulfuric Acid Lot#* 121709-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH*; *Hydrochloric Acid Lot#* 092006-*HCl*; *Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
003592	3.7°C	IR	wet ice
A361	4.5°C	↓	↓
client cooler	3.9°C		

Discrepancies Cont'd:

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client: VRS CORPORATION	Project Manager: PEI-FUNG HURST	Date: 7/21/10	Chain of Custody Number: 379028
Address: 100 S. WACKER DRIVE SUITE 500	Telephone Number (Area Code)/Fax Number: 312-939-1000	Lab Number:	Page 1 of 2
City: CHICAGO; State: IL; Zip Code: 606006	Site Contact: MARK RUPNOW	Lab Contact: ALESIA DANFORD	
Project Name and Location (State): ES-SAP US STEEL GARY, IN	Carrier/Waybill Number: 253606827. FI310		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	MeOH	Appx IX VOC 8260	Appx IX SVOC 8270	Appx IX Metals-6010B	Mercury 7470	LRtb 7196A	PCBs 8082	Total Solids 160.3	SPLP	Special Instructions/ Conditions of Receipt
ES-SL-SW003-07212010	7/21/10	0800				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SW002-07212010		0810				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SE004-07212010		0815				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SE003-07212010		0820				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SE002-07212010		0830				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SE001-07212010		0840				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SW001-07212010		0845				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-SW004-07212010		0850				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-NE003-07212010		0900				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-NE004-07212010		0905				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-NE001-07212010		0915				X	4			2			1	X	X	X	X	X	X	X	X	
ES-SL-NE002-07212010	↓	0920				X	4			2			1	X	X	X	X	X	X	X	X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☒ Archive For PER QAPP Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other

QC Requirements (Specify)

1. Relinquished By: [signature]	Date: 7/21/10	Time: 1700	1. Received By: [signature]	Date: 7/22/10	Time: 915
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

North Canton

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location:
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: URS CORPORATION	Client Project Manager: PEI-FUNG HURST	Site Contact: MARK RUPNOW	Lab Contact: ALESIA DANFORD	COC No:
Address: 100 S. WACKER DR SUITE 500	Telephone: 3129391000	Telephone:	Telephone:	2 of 2 COCs
City/State/Zip: CHICAGO, IL 60606	Email: PEI-FUNG HURST@URSCORP	Analysis Turnaround Time (in BUS days) TAT if different from below: ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		For lab use only: Walk-in client ☐ Lab picked ☐ Lab sampling ☐ Job/SDG No.
Phone: 312-939-1000				
Project Name: US STEEL ES-SAP	Method of Shipment/Carrier: FEDEX			
Project Number: 25366827.FI310	Shipping/Tracking No:			
PO #				

Analyses

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	Ba H2O	NaOH	ZnAc/NaOH	Unpres	Other: MeOH	Filtered Sample (Y/N)	Composite C/Grab G	Appx IX VOC 8260	Appx IX SVOC 8270	Appx IX Metals 6010B	Mercury 7470	CRH6 7196A	PCBs 8082	Total Solids 160.3	SPLP			Sample Specific Notes / Special Instructions:
ES-SL-SE003-07212010	7/21/10	0820				X				2			4	1	N	C	X	X	X	X	Y	X	X	Y			

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☐ Disposal By Lab ☒ Archive For 1 Year QAPP Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	URS CORP	7/21/10 1700			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TA	Date/Time: 7/22/10 915

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TAL-0018 (1008)

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** A08220525
North Canton Facility

Client URS Project ES-SAP By: [signature]
Cooler Received on 7/22/10 Opened on 7/22/10 (Signature)
FedEx ☐ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 2 each Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☒
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

SPLP on COC → SPLP VOAS, Metals, + BNAS per AMD
Received one sample called ES-SL-SE 003-07212010-FD @ 0820 not on the COC. Will log as the last sample in the lot.

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot# 051010-HNO_3; Sulfuric Acid Lot# 121709-H_2SO_4; Sodium Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-$(CH_3COO)_2ZN/NaOH$.* What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
003592	3.7°C	IR	wet ice
A361	4.5°C	↓	↓
client cooler	3.9°C		

Discrepancies Cont'd:

GCMS VOLATILE DATA

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-001 **Work Order #...:** L4JXJ1AF **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 1.13 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 4.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**38**	**24**	**ug/kg**	**7.4**
Acetonitrile	ND	120	ug/kg	4.4
Acrolein	ND	120	ug/kg	3.2
Acrylonitrile	ND	120	ug/kg	3.2
Benzene	ND	5.9	ug/kg	0.27
Bromodichloromethane	ND	5.9	ug/kg	0.33
Bromoform	ND	5.9	ug/kg	0.39
Bromomethane	ND	5.9	ug/kg	0.64
2-Butanone (MEK)	ND	24	ug/kg	1.6
Carbon disulfide	ND	5.9	ug/kg	0.52
Carbon tetrachloride	ND	5.9	ug/kg	0.44
Chlorobenzene	ND	5.9	ug/kg	0.39
Chloroprene	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.65
Chloroethane	ND	5.9	ug/kg	1.0
Chloroform	ND	5.9	ug/kg	0.34
Chloromethane	ND	5.9	ug/kg	0.48
3-Chloro-1-propene	ND	12	ug/kg	1.0
1,2-Dibromo-3-chloro-propane	ND	12	ug/kg	1.5
1,2-Dibromoethane (EDB)	ND	5.9	ug/kg	0.59
Dibromomethane	ND	5.9	ug/kg	0.74
trans-1,4-Dichloro-2-butene	ND	5.9	ug/kg	1.1
Dichlorodifluoromethane	ND	5.9	ug/kg	0.59
1,1-Dichloroethane	ND	5.9	ug/kg	0.42
1,2-Dichloroethane	ND	5.9	ug/kg	0.40
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.42
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.48
1,1-Dichloroethene	ND	5.9	ug/kg	0.61
1,2-Dichloropropane	ND	5.9	ug/kg	0.81
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.40
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.64
Ethylbenzene	ND	5.9	ug/kg	0.31
Ethyl methacrylate	ND	5.9	ug/kg	0.48
2-Hexanone	ND	24	ug/kg	0.74
Iodomethane	ND	5.9	ug/kg	0.64
Isobutyl alcohol	ND	240	ug/kg	40

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-001 **Work Order #...:** L4JXJ1AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	5.9	ug/kg	0.33
Methylene chloride	ND	5.9	ug/kg	0.79
Methyl methacrylate	ND	5.9	ug/kg	0.64
4-Methyl-2-pentanone (MIBK)	ND	24	ug/kg	0.64
Propionitrile	ND	24	ug/kg	3.3
Styrene	ND	5.9	ug/kg	0.18
1,1,1,2-Tetrachloroethane	ND	5.9	ug/kg	0.73
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.40
Tetrachloroethene	ND	5.9	ug/kg	0.61
Toluene	ND	5.9	ug/kg	0.32
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.66
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.46
Trichloroethene	ND	5.9	ug/kg	0.49
Trichlorofluoromethane	ND	5.9	ug/kg	0.40
1,2,3-Trichloropropane	ND	5.9	ug/kg	1.1
Vinyl acetate	ND	12	ug/kg	0.29
Vinyl chloride	ND	5.9	ug/kg	0.46
Xylenes (total)	ND	12	ug/kg	0.79

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	80	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
Toluene-d8	93	(60 - 143)
4-Bromofluorobenzene	99	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-002 **Work Order #...:** L4JXQ1AM **Matrix.....:** SL
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 1.22 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**11 J**	**29**	**ug/kg**	**9.2**
Acetonitrile	ND	150	ug/kg	5.4
Acrolein	ND	150	ug/kg	3.9
Acrylonitrile	ND	150	ug/kg	3.9
Benzene	ND	7.3	ug/kg	0.34
Bromodichloromethane	ND	7.3	ug/kg	0.41
Bromoform	ND	7.3	ug/kg	0.48
Bromomethane	ND	7.3	ug/kg	0.79
2-Butanone (MEK)	ND	29	ug/kg	2.0
Carbon disulfide	**1.1 J**	**7.3**	**ug/kg**	**0.64**
Carbon tetrachloride	ND	7.3	ug/kg	0.54
Chlorobenzene	ND	7.3	ug/kg	0.48
Chloroprene	ND	7.3	ug/kg	0.54
Dibromochloromethane	ND	7.3	ug/kg	0.80
Chloroethane	ND	7.3	ug/kg	1.3
Chloroform	ND	7.3	ug/kg	0.42
Chloromethane	ND	7.3	ug/kg	0.60
3-Chloro-1-propene	ND	15	ug/kg	1.3
1,2-Dibromo-3-chloro-propane	ND	15	ug/kg	1.9
1,2-Dibromoethane (EDB)	ND	7.3	ug/kg	0.73
Dibromomethane	ND	7.3	ug/kg	0.92
trans-1,4-Dichloro-2-butene	ND	7.3	ug/kg	1.4
Dichlorodifluoromethane	ND	7.3	ug/kg	0.73
1,1-Dichloroethane	ND	7.3	ug/kg	0.53
1,2-Dichloroethane	ND	7.3	ug/kg	0.50
cis-1,2-Dichloroethene	ND	7.3	ug/kg	0.53
trans-1,2-Dichloroethene	ND	7.3	ug/kg	0.60
1,1-Dichloroethene	ND	7.3	ug/kg	0.76
1,2-Dichloropropane	ND	7.3	ug/kg	1.0
cis-1,3-Dichloropropene	ND	7.3	ug/kg	0.50
trans-1,3-Dichloropropene	ND	7.3	ug/kg	0.79
Ethylbenzene	ND	7.3	ug/kg	0.38
Ethyl methacrylate	ND	7.3	ug/kg	0.60
2-Hexanone	ND	29	ug/kg	0.92
Iodomethane	ND	7.3	ug/kg	0.79
Isobutyl alcohol	ND	290	ug/kg	50

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-002 **Work Order #...:** L4JXQ1AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	7.3	ug/kg	0.41
Methylene chloride	ND	7.3	ug/kg	0.98
Methyl methacrylate	ND	7.3	ug/kg	0.79
4-Methyl-2-pentanone (MIBK)	ND	29	ug/kg	0.79
Propionitrile	ND	29	ug/kg	4.1
Styrene	ND	7.3	ug/kg	0.22
1,1,1,2-Tetrachloroethane	ND	7.3	ug/kg	0.91
1,1,2,2-Tetrachloroethane	ND	7.3	ug/kg	0.50
Tetrachloroethene	ND	7.3	ug/kg	0.76
Toluene	**0.48 J**	**7.3**	**ug/kg**	**0.39**
1,1,1-Trichloroethane	ND	7.3	ug/kg	0.82
1,1,2-Trichloroethane	ND	7.3	ug/kg	0.57
Trichloroethene	ND	7.3	ug/kg	0.61
Trichlorofluoromethane	ND	7.3	ug/kg	0.50
1,2,3-Trichloropropane	ND	7.3	ug/kg	1.3
Vinyl acetate	ND	15	ug/kg	0.37
Vinyl chloride	ND	7.3	ug/kg	0.57
Xylenes (total)	ND	15	ug/kg	0.98

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	101	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-003 **Work Order #...:** L4JXR1A5 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 1.01 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**16 J**	**23**	**ug/kg**	**7.2**
Acetonitrile	ND	110	ug/kg	4.2
Acrolein	ND	110	ug/kg	3.1
Acrylonitrile	ND	110	ug/kg	3.1
Benzene	ND	5.7	ug/kg	0.26
Bromodichloromethane	ND	5.7	ug/kg	0.32
Bromoform	ND	5.7	ug/kg	0.37
Bromomethane	ND	5.7	ug/kg	0.61
2-Butanone (MEK)	ND	23	ug/kg	1.6
Carbon disulfide	**0.60 J**	**5.7**	**ug/kg**	**0.50**
Carbon tetrachloride	ND	5.7	ug/kg	0.42
Chlorobenzene	ND	5.7	ug/kg	0.37
Chloroprene	ND	5.7	ug/kg	0.42
Dibromochloromethane	ND	5.7	ug/kg	0.62
Chloroethane	ND	5.7	ug/kg	0.98
Chloroform	ND	5.7	ug/kg	0.33
Chloromethane	ND	5.7	ug/kg	0.47
3-Chloro-1-propene	ND	11	ug/kg	1.0
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.5
1,2-Dibromoethane (EDB)	ND	5.7	ug/kg	0.57
Dibromomethane	ND	5.7	ug/kg	0.72
trans-1,4-Dichloro-2-butene	ND	5.7	ug/kg	1.1
Dichlorodifluoromethane	ND	5.7	ug/kg	0.57
1,1-Dichloroethane	ND	5.7	ug/kg	0.41
1,2-Dichloroethane	ND	5.7	ug/kg	0.39
cis-1,2-Dichloroethene	ND	5.7	ug/kg	0.41
trans-1,2-Dichloroethene	ND	5.7	ug/kg	0.47
1,1-Dichloroethene	ND	5.7	ug/kg	0.59
1,2-Dichloropropane	ND	5.7	ug/kg	0.78
cis-1,3-Dichloropropene	ND	5.7	ug/kg	0.39
trans-1,3-Dichloropropene	ND	5.7	ug/kg	0.61
Ethylbenzene	ND	5.7	ug/kg	0.30
Ethyl methacrylate	ND	5.7	ug/kg	0.47
2-Hexanone	ND	23	ug/kg	0.72
Iodomethane	ND	5.7	ug/kg	0.61
Isobutyl alcohol	ND	230	ug/kg	39

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-003 **Work Order #...:** L4JXR1A5 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	5.7	ug/kg	0.32
Methylene chloride	ND	5.7	ug/kg	0.76
Methyl methacrylate	ND	5.7	ug/kg	0.61
4-Methyl-2-pentanone (MIBK)	ND	23	ug/kg	0.61
Propionitrile	ND	23	ug/kg	3.2
Styrene	ND	5.7	ug/kg	0.17
1,1,1,2-Tetrachloroethane	ND	5.7	ug/kg	0.70
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	0.39
Tetrachloroethene	ND	5.7	ug/kg	0.59
Toluene	**0.31 J**	**5.7**	**ug/kg**	**0.31**
1,1,1-Trichloroethane	ND	5.7	ug/kg	0.64
1,1,2-Trichloroethane	ND	5.7	ug/kg	0.44
Trichloroethene	ND	5.7	ug/kg	0.48
Trichlorofluoromethane	ND	5.7	ug/kg	0.39
1,2,3-Trichloropropane	ND	5.7	ug/kg	1.0
Vinyl acetate	ND	11	ug/kg	0.28
Vinyl chloride	ND	5.7	ug/kg	0.44
Xylenes (total)	ND	11	ug/kg	0.76

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
Toluene-d8	94	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-004 **Work Order #...:** L4JXW1AM **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 0.98 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 5.5 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	21	ug/kg	6.5
Acetonitrile	ND	100	ug/kg	3.8
Acrolein	ND	100	ug/kg	2.8
Acrylonitrile	ND	100	ug/kg	2.8
Benzene	ND	5.2	ug/kg	0.24
Bromodichloromethane	ND	5.2	ug/kg	0.29
Bromoform	ND	5.2	ug/kg	0.34
Bromomethane	ND	5.2	ug/kg	0.56
2-Butanone (MEK)	ND	21	ug/kg	1.5
Carbon disulfide	**0.69 J**	**5.2**	**ug/kg**	**0.46**
Carbon tetrachloride	ND	5.2	ug/kg	0.38
Chlorobenzene	ND	5.2	ug/kg	0.34
Chloroprene	ND	5.2	ug/kg	0.38
Dibromochloromethane	ND	5.2	ug/kg	0.57
Chloroethane	ND	5.2	ug/kg	0.89
Chloroform	ND	5.2	ug/kg	0.30
Chloromethane	ND	5.2	ug/kg	0.43
3-Chloro-1-propene	ND	10	ug/kg	0.92
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
1,2-Dibromoethane (EDB)	ND	5.2	ug/kg	0.52
Dibromomethane	ND	5.2	ug/kg	0.65
trans-1,4-Dichloro-2-butene	ND	5.2	ug/kg	0.96
Dichlorodifluoromethane	ND	5.2	ug/kg	0.52
1,1-Dichloroethane	ND	5.2	ug/kg	0.37
1,2-Dichloroethane	ND	5.2	ug/kg	0.35
cis-1,2-Dichloroethene	ND	5.2	ug/kg	0.37
trans-1,2-Dichloroethene	ND	5.2	ug/kg	0.43
1,1-Dichloroethene	ND	5.2	ug/kg	0.54
1,2-Dichloropropane	ND	5.2	ug/kg	0.72
cis-1,3-Dichloropropene	ND	5.2	ug/kg	0.35
trans-1,3-Dichloropropene	ND	5.2	ug/kg	0.56
Ethylbenzene	ND	5.2	ug/kg	0.27
Ethyl methacrylate	ND	5.2	ug/kg	0.43
2-Hexanone	ND	21	ug/kg	0.65
Iodomethane	ND	5.2	ug/kg	0.56
Isobutyl alcohol	ND	210	ug/kg	35

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-004 **Work Order #...:** L4JXW1AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	5.2	ug/kg	0.29
Methylene chloride	**1.5 J,B**	**5.2**	**ug/kg**	**0.70**
Methyl methacrylate	ND	5.2	ug/kg	0.56
4-Methyl-2-pentanone (MIBK)	ND	21	ug/kg	0.56
Propionitrile	ND	21	ug/kg	2.9
Styrene	ND	5.2	ug/kg	0.16
1,1,1,2-Tetrachloroethane	ND	5.2	ug/kg	0.64
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	0.35
Tetrachloroethene	ND	5.2	ug/kg	0.54
Toluene	ND	5.2	ug/kg	0.28
1,1,1-Trichloroethane	ND	5.2	ug/kg	0.58
1,1,2-Trichloroethane	ND	5.2	ug/kg	0.40
Trichloroethene	ND	5.2	ug/kg	0.44
Trichlorofluoromethane	ND	5.2	ug/kg	0.35
1,2,3-Trichloropropane	ND	5.2	ug/kg	0.93
Vinyl acetate	ND	10	ug/kg	0.26
Vinyl chloride	ND	5.2	ug/kg	0.40
Xylenes (total)	ND	10	ug/kg	0.70

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
Toluene-d8	95	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)

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.

United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-005 **Work Order #...:** L4JX01AM **Matrix.....:** SL
Date Sampled...: 07/21/10 08:30 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 0.96 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 2.1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**50**	**20**	**ug/kg**	**6.2**
Acetonitrile	ND	98	ug/kg	3.6
Acrolein	ND	98	ug/kg	2.6
Acrylonitrile	ND	98	ug/kg	2.6
Benzene	ND	4.9	ug/kg	0.23
Bromodichloromethane	ND	4.9	ug/kg	0.27
Bromoform	ND	4.9	ug/kg	0.32
Bromomethane	ND	4.9	ug/kg	0.53
2-Butanone (MEK)	ND	20	ug/kg	1.4
Carbon disulfide	**0.71 J**	**4.9**	**ug/kg**	**0.43**
Carbon tetrachloride	ND	4.9	ug/kg	0.36
Chlorobenzene	ND	4.9	ug/kg	0.32
Chloroprene	ND	4.9	ug/kg	0.36
Dibromochloromethane	ND	4.9	ug/kg	0.54
Chloroethane	ND	4.9	ug/kg	0.84
Chloroform	ND	4.9	ug/kg	0.28
Chloromethane	ND	4.9	ug/kg	0.40
3-Chloro-1-propene	ND	9.8	ug/kg	0.87
1,2-Dibromo-3-chloro-propane	ND	9.8	ug/kg	1.3
1,2-Dibromoethane (EDB)	ND	4.9	ug/kg	0.49
Dibromomethane	ND	4.9	ug/kg	0.62
trans-1,4-Dichloro-2-butene	ND	4.9	ug/kg	0.91
Dichlorodifluoromethane	ND	4.9	ug/kg	0.49
1,1-Dichloroethane	ND	4.9	ug/kg	0.35
1,2-Dichloroethane	ND	4.9	ug/kg	0.33
cis-1,2-Dichloroethene	ND	4.9	ug/kg	0.35
trans-1,2-Dichloroethene	ND	4.9	ug/kg	0.40
1,1-Dichloroethene	ND	4.9	ug/kg	0.51
1,2-Dichloropropane	ND	4.9	ug/kg	0.68
cis-1,3-Dichloropropene	ND	4.9	ug/kg	0.33
trans-1,3-Dichloropropene	ND	4.9	ug/kg	0.53
Ethylbenzene	ND	4.9	ug/kg	0.25
Ethyl methacrylate	ND	4.9	ug/kg	0.40
2-Hexanone	ND	20	ug/kg	0.62
Iodomethane	ND	4.9	ug/kg	0.53
Isobutyl alcohol	ND	200	ug/kg	33

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-005 **Work Order #...:** L4JX01AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	4.9	ug/kg	0.27
Methylene chloride	ND	4.9	ug/kg	0.66
Methyl methacrylate	ND	4.9	ug/kg	0.53
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg	0.53
Propionitrile	ND	20	ug/kg	2.7
Styrene	ND	4.9	ug/kg	0.15
1,1,1,2-Tetrachloroethane	ND	4.9	ug/kg	0.61
1,1,2,2-Tetrachloroethane	ND	4.9	ug/kg	0.33
Tetrachloroethene	ND	4.9	ug/kg	0.51
Toluene	**0.27 J**	**4.9**	**ug/kg**	**0.26**
1,1,1-Trichloroethane	ND	4.9	ug/kg	0.55
1,1,2-Trichloroethane	ND	4.9	ug/kg	0.38
Trichloroethene	ND	4.9	ug/kg	0.41
Trichlorofluoromethane	ND	4.9	ug/kg	0.33
1,2,3-Trichloropropane	ND	4.9	ug/kg	0.88
Vinyl acetate	ND	9.8	ug/kg	0.25
Vinyl chloride	ND	4.9	ug/kg	0.38
Xylenes (total)	ND	9.8	ug/kg	0.66

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	78	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
Toluene-d8	91	(60 - 143)
4-Bromofluorobenzene	99	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-006 **Work Order #...:** L4JX11AM **Matrix.....:** SL
Date Sampled...: 07/21/10 08:40 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 1.07 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 3.5 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	22	ug/kg	7.0
Acetonitrile	ND	110	ug/kg	4.1
Acrolein	ND	110	ug/kg	3.0
Acrylonitrile	ND	110	ug/kg	3.0
Benzene	ND	5.5	ug/kg	0.26
Bromodichloromethane	ND	5.5	ug/kg	0.31
Bromoform	ND	5.5	ug/kg	0.37
Bromomethane	ND	5.5	ug/kg	0.60
2-Butanone (MEK)	ND	22	ug/kg	1.6
Carbon disulfide	ND	5.5	ug/kg	0.49
Carbon tetrachloride	ND	5.5	ug/kg	0.41
Chlorobenzene	ND	5.5	ug/kg	0.37
Chloroprene	ND	5.5	ug/kg	0.41
Dibromochloromethane	ND	5.5	ug/kg	0.61
Chloroethane	ND	5.5	ug/kg	0.95
Chloroform	ND	5.5	ug/kg	0.32
Chloromethane	ND	5.5	ug/kg	0.45
3-Chloro-1-propene	ND	11	ug/kg	0.99
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.4
1,2-Dibromoethane (EDB)	ND	5.5	ug/kg	0.55
Dibromomethane	ND	5.5	ug/kg	0.70
trans-1,4-Dichloro-2-butene	ND	5.5	ug/kg	1.0
Dichlorodifluoromethane	ND	5.5	ug/kg	0.55
1,1-Dichloroethane	ND	5.5	ug/kg	0.40
1,2-Dichloroethane	ND	5.5	ug/kg	0.38
cis-1,2-Dichloroethene	ND	5.5	ug/kg	0.40
trans-1,2-Dichloroethene	ND	5.5	ug/kg	0.45
1,1-Dichloroethene	ND	5.5	ug/kg	0.58
1,2-Dichloropropane	ND	5.5	ug/kg	0.77
cis-1,3-Dichloropropene	ND	5.5	ug/kg	0.38
trans-1,3-Dichloropropene	ND	5.5	ug/kg	0.60
Ethylbenzene	ND	5.5	ug/kg	0.29
Ethyl methacrylate	ND	5.5	ug/kg	0.45
2-Hexanone	ND	22	ug/kg	0.70
Iodomethane	ND	5.5	ug/kg	0.60
Isobutyl alcohol	ND	220	ug/kg	38

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-006 **Work Order #...:** L4JX11AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	5.5	ug/kg	0.31
Methylene chloride	**2.3 J,B**	**5.5**	**ug/kg**	**0.74**
Methyl methacrylate	ND	5.5	ug/kg	0.60
4-Methyl-2-pentanone (MIBK)	ND	22	ug/kg	0.60
Propionitrile	ND	22	ug/kg	3.1
Styrene	ND	5.5	ug/kg	0.17
1,1,1,2-Tetrachloroethane	ND	5.5	ug/kg	0.69
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg	0.38
Tetrachloroethene	ND	5.5	ug/kg	0.58
Toluene	ND	5.5	ug/kg	0.30
1,1,1-Trichloroethane	ND	5.5	ug/kg	0.62
1,1,2-Trichloroethane	ND	5.5	ug/kg	0.43
Trichloroethene	ND	5.5	ug/kg	0.47
Trichlorofluoromethane	ND	5.5	ug/kg	0.38
1,2,3-Trichloropropane	ND	5.5	ug/kg	1.0
Vinyl acetate	ND	11	ug/kg	0.28
Vinyl chloride	ND	5.5	ug/kg	0.43
Xylenes (total)	ND	11	ug/kg	0.74

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	80	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
Toluene-d8	95	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)

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.

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-007 **Work Order #...:** L4JX21AM **Matrix.....:** SL
Date Sampled...: 07/21/10 08:45 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 1.13 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	27	ug/kg	8.5
Acetonitrile	ND	130	ug/kg	5.0
Acrolein	ND	130	ug/kg	3.6
Acrylonitrile	ND	130	ug/kg	3.6
Benzene	ND	6.7	ug/kg	0.31
Bromodichloromethane	ND	6.7	ug/kg	0.38
Bromoform	ND	6.7	ug/kg	0.44
Bromomethane	ND	6.7	ug/kg	0.73
2-Butanone (MEK)	ND	27	ug/kg	1.9
Carbon disulfide	**0.72 J**	**6.7**	**ug/kg**	**0.59**
Carbon tetrachloride	ND	6.7	ug/kg	0.50
Chlorobenzene	ND	6.7	ug/kg	0.44
Chloroprene	ND	6.7	ug/kg	0.50
Dibromochloromethane	ND	6.7	ug/kg	0.74
Chloroethane	ND	6.7	ug/kg	1.2
Chloroform	ND	6.7	ug/kg	0.39
Chloromethane	ND	6.7	ug/kg	0.55
3-Chloro-1-propene	ND	13	ug/kg	1.2
1,2-Dibromo-3-chloro-propane	ND	13	ug/kg	1.7
1,2-Dibromoethane (EDB)	ND	6.7	ug/kg	0.67
Dibromomethane	ND	6.7	ug/kg	0.85
trans-1,4-Dichloro-2-butene	ND	6.7	ug/kg	1.3
Dichlorodifluoromethane	ND	6.7	ug/kg	0.67
1,1-Dichloroethane	ND	6.7	ug/kg	0.48
1,2-Dichloroethane	ND	6.7	ug/kg	0.46
cis-1,2-Dichloroethene	ND	6.7	ug/kg	0.48
trans-1,2-Dichloroethene	ND	6.7	ug/kg	0.55
1,1-Dichloroethene	ND	6.7	ug/kg	0.70
1,2-Dichloropropane	ND	6.7	ug/kg	0.93
cis-1,3-Dichloropropene	ND	6.7	ug/kg	0.46
trans-1,3-Dichloropropene	ND	6.7	ug/kg	0.73
Ethylbenzene	ND	6.7	ug/kg	0.35
Ethyl methacrylate	ND	6.7	ug/kg	0.55
2-Hexanone	ND	27	ug/kg	0.85
Iodomethane	ND	6.7	ug/kg	0.73
Isobutyl alcohol	ND	270	ug/kg	46

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-007 **Work Order #...:** L4JX21AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	6.7	ug/kg	0.38
Methylene chloride	**2.1 J,B**	**6.7**	**ug/kg**	**0.90**
Methyl methacrylate	ND	6.7	ug/kg	0.73
4-Methyl-2-pentanone (MIBK)	ND	27	ug/kg	0.73
Propionitrile	ND	27	ug/kg	3.8
Styrene	ND	6.7	ug/kg	0.20
1,1,1,2-Tetrachloroethane	ND	6.7	ug/kg	0.83
1,1,2,2-Tetrachloroethane	ND	6.7	ug/kg	0.46
Tetrachloroethene	ND	6.7	ug/kg	0.70
Toluene	ND	6.7	ug/kg	0.36
1,1,1-Trichloroethane	ND	6.7	ug/kg	0.75
1,1,2-Trichloroethane	ND	6.7	ug/kg	0.52
Trichloroethene	ND	6.7	ug/kg	0.56
Trichlorofluoromethane	ND	6.7	ug/kg	0.46
1,2,3-Trichloropropane	ND	6.7	ug/kg	1.2
Vinyl acetate	ND	13	ug/kg	0.34
Vinyl chloride	ND	6.7	ug/kg	0.52
Xylenes (total)	ND	13	ug/kg	0.90

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	78	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
Toluene-d8	94	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)

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.

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-008 **Work Order #...:** L4JX31AM **Matrix.....:** SL
Date Sampled...: 07/21/10 08:50 **Date Received..:** 07/22/10
Prep Date.....: 07/24/10 **Analysis Date..:** 07/24/10
Prep Batch #...: 0205085
Dilution Factor: 1.12 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 3.8 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	7.3
Acetonitrile	ND	120	ug/kg	4.3
Acrolein	ND	120	ug/kg	3.1
Acrylonitrile	ND	120	ug/kg	3.1
Benzene	ND	5.8	ug/kg	0.27
Bromodichloromethane	ND	5.8	ug/kg	0.33
Bromoform	ND	5.8	ug/kg	0.38
Bromomethane	ND	5.8	ug/kg	0.63
2-Butanone (MEK)	ND	23	ug/kg	1.6
Carbon disulfide	**1.6 J**	**5.8**	**ug/kg**	**0.51**
Carbon tetrachloride	ND	5.8	ug/kg	0.43
Chlorobenzene	ND	5.8	ug/kg	0.38
Chloroprene	ND	5.8	ug/kg	0.43
Dibromochloromethane	ND	5.8	ug/kg	0.64
Chloroethane	ND	5.8	ug/kg	1.0
Chloroform	ND	5.8	ug/kg	0.34
Chloromethane	ND	5.8	ug/kg	0.48
3-Chloro-1-propene	ND	12	ug/kg	1.0
1,2-Dibromo-3-chloro-propane	ND	12	ug/kg	1.5
1,2-Dibromoethane (EDB)	ND	5.8	ug/kg	0.58
Dibromomethane	ND	5.8	ug/kg	0.73
trans-1,4-Dichloro-2-butene	ND	5.8	ug/kg	1.1
Dichlorodifluoromethane	ND	5.8	ug/kg	0.58
1,1-Dichloroethane	ND	5.8	ug/kg	0.42
1,2-Dichloroethane	ND	5.8	ug/kg	0.40
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.42
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.48
1,1-Dichloroethene	ND	5.8	ug/kg	0.61
1,2-Dichloropropane	ND	5.8	ug/kg	0.80
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.40
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.63
Ethylbenzene	ND	5.8	ug/kg	0.30
Ethyl methacrylate	ND	5.8	ug/kg	0.48
2-Hexanone	ND	23	ug/kg	0.73
Iodomethane	ND	5.8	ug/kg	0.63
Isobutyl alcohol	ND	230	ug/kg	40

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-008 **Work Order #...:** L4JX31AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	5.8	ug/kg	0.33
Methylene chloride	**6.5 B**	**5.8**	**ug/kg**	**0.78**
Methyl methacrylate	ND	5.8	ug/kg	0.63
4-Methyl-2-pentanone (MIBK)	ND	23	ug/kg	0.63
Propionitrile	ND	23	ug/kg	3.3
Styrene	ND	5.8	ug/kg	0.17
1,1,1,2-Tetrachloroethane	ND	5.8	ug/kg	0.72
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.40
Tetrachloroethene	ND	5.8	ug/kg	0.61
Toluene	ND	5.8	ug/kg	0.31
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.65
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.45
Trichloroethene	ND	5.8	ug/kg	0.49
Trichlorofluoromethane	ND	5.8	ug/kg	0.40
1,2,3-Trichloropropane	ND	5.8	ug/kg	1.0
Vinyl acetate	ND	12	ug/kg	0.29
Vinyl chloride	ND	5.8	ug/kg	0.45
Xylenes (total)	ND	12	ug/kg	0.78

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
1,2-Dichloroethane-d4	88	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	99	(47 - 158)

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.

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-009 **Work Order #...:** L4JX41AM **Matrix.....:** SL
Date Sampled...: 07/21/10 09:00 **Date Received..:** 07/22/10
Prep Date.....: 07/24/10 **Analysis Date..:** 07/24/10
Prep Batch #...: 0205085
Dilution Factor: 0.81 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 3.4 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	17	ug/kg	5.3
Acetonitrile	ND	84	ug/kg	3.1
Acrolein	ND	84	ug/kg	2.3
Acrylonitrile	ND	84	ug/kg	2.3
Benzene	ND	4.2	ug/kg	0.19
Bromodichloromethane	ND	4.2	ug/kg	0.23
Bromoform	ND	4.2	ug/kg	0.28
Bromomethane	ND	4.2	ug/kg	0.45
2-Butanone (MEK)	ND	17	ug/kg	1.2
Carbon disulfide	**1.7 J**	**4.2**	**ug/kg**	**0.37**
Carbon tetrachloride	ND	4.2	ug/kg	0.31
Chlorobenzene	ND	4.2	ug/kg	0.28
Chloroprene	ND	4.2	ug/kg	0.31
Dibromochloromethane	ND	4.2	ug/kg	0.46
Chloroethane	ND	4.2	ug/kg	0.72
Chloroform	ND	4.2	ug/kg	0.24
Chloromethane	ND	4.2	ug/kg	0.34
3-Chloro-1-propene	ND	8.4	ug/kg	0.75
1,2-Dibromo-3-chloro-propane	ND	8.4	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	4.2	ug/kg	0.42
Dibromomethane	ND	4.2	ug/kg	0.53
trans-1,4-Dichloro-2-butene	ND	4.2	ug/kg	0.78
Dichlorodifluoromethane	ND	4.2	ug/kg	0.42
1,1-Dichloroethane	ND	4.2	ug/kg	0.30
1,2-Dichloroethane	ND	4.2	ug/kg	0.29
cis-1,2-Dichloroethene	ND	4.2	ug/kg	0.30
trans-1,2-Dichloroethene	ND	4.2	ug/kg	0.34
1,1-Dichloroethene	ND	4.2	ug/kg	0.44
1,2-Dichloropropane	ND	4.2	ug/kg	0.58
cis-1,3-Dichloropropene	ND	4.2	ug/kg	0.29
trans-1,3-Dichloropropene	ND	4.2	ug/kg	0.45
Ethylbenzene	ND	4.2	ug/kg	0.22
Ethyl methacrylate	ND	4.2	ug/kg	0.34
2-Hexanone	ND	17	ug/kg	0.53
Iodomethane	ND	4.2	ug/kg	0.45
Isobutyl alcohol	ND	170	ug/kg	29

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-009 **Work Order #...:** L4JX41AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	4.2	ug/kg	0.23
Methylene chloride	**4.1 J,B**	**4.2**	**ug/kg**	**0.56**
Methyl methacrylate	ND	4.2	ug/kg	0.45
4-Methyl-2-pentanone (MIBK)	ND	17	ug/kg	0.45
Propionitrile	ND	17	ug/kg	2.3
Styrene	ND	4.2	ug/kg	0.13
1,1,1,2-Tetrachloroethane	ND	4.2	ug/kg	0.52
1,1,2,2-Tetrachloroethane	ND	4.2	ug/kg	0.29
Tetrachloroethene	ND	4.2	ug/kg	0.44
Toluene	ND	4.2	ug/kg	0.23
1,1,1-Trichloroethane	ND	4.2	ug/kg	0.47
1,1,2-Trichloroethane	ND	4.2	ug/kg	0.33
Trichloroethene	ND	4.2	ug/kg	0.35
Trichlorofluoromethane	ND	4.2	ug/kg	0.29
1,2,3-Trichloropropane	ND	4.2	ug/kg	0.75
Vinyl acetate	ND	8.4	ug/kg	0.21
Vinyl chloride	ND	4.2	ug/kg	0.33
Xylenes (total)	ND	8.4	ug/kg	0.56

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)

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.

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-010 **Work Order #...:** L4JX51AM **Matrix.....:** SL
Date Sampled...: 07/21/10 09:05 **Date Received..:** 07/22/10
Prep Date.....: 07/24/10 **Analysis Date..:** 07/24/10
Prep Batch #...: 0205085
Dilution Factor: 1.08 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 4.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**7.7 J**	**23**	**ug/kg**	**7.1**
Acetonitrile	ND	110	ug/kg	4.2
Acrolein	ND	110	ug/kg	3.0
Acrylonitrile	ND	110	ug/kg	3.0
Benzene	ND	5.6	ug/kg	0.26
Bromodichloromethane	ND	5.6	ug/kg	0.32
Bromoform	ND	5.6	ug/kg	0.37
Bromomethane	ND	5.6	ug/kg	0.61
2-Butanone (MEK)	ND	23	ug/kg	1.6
Carbon disulfide	**1.2 J**	**5.6**	**ug/kg**	**0.50**
Carbon tetrachloride	ND	5.6	ug/kg	0.42
Chlorobenzene	ND	5.6	ug/kg	0.37
Chloroprene	ND	5.6	ug/kg	0.42
Dibromochloromethane	ND	5.6	ug/kg	0.62
Chloroethane	ND	5.6	ug/kg	0.97
Chloroform	ND	5.6	ug/kg	0.33
Chloromethane	ND	5.6	ug/kg	0.46
3-Chloro-1-propene	ND	11	ug/kg	1.0
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.5
1,2-Dibromoethane (EDB)	ND	5.6	ug/kg	0.56
Dibromomethane	ND	5.6	ug/kg	0.71
trans-1,4-Dichloro-2-butene	ND	5.6	ug/kg	1.0
Dichlorodifluoromethane	ND	5.6	ug/kg	0.56
1,1-Dichloroethane	ND	5.6	ug/kg	0.41
1,2-Dichloroethane	ND	5.6	ug/kg	0.38
cis-1,2-Dichloroethene	ND	5.6	ug/kg	0.41
trans-1,2-Dichloroethene	ND	5.6	ug/kg	0.46
1,1-Dichloroethene	ND	5.6	ug/kg	0.59
1,2-Dichloropropane	ND	5.6	ug/kg	0.78
cis-1,3-Dichloropropene	ND	5.6	ug/kg	0.38
trans-1,3-Dichloropropene	ND	5.6	ug/kg	0.61
Ethylbenzene	ND	5.6	ug/kg	0.29
Ethyl methacrylate	ND	5.6	ug/kg	0.46
2-Hexanone	ND	23	ug/kg	0.71
Iodomethane	ND	5.6	ug/kg	0.61
Isobutyl alcohol	ND	230	ug/kg	38

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-010 **Work Order #...:** L4JX51AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	5.6	ug/kg	0.32
Methylene chloride	**4.5 J,B**	**5.6**	**ug/kg**	**0.75**
Methyl methacrylate	ND	5.6	ug/kg	0.61
4-Methyl-2-pentanone (MIBK)	ND	23	ug/kg	0.61
Propionitrile	ND	23	ug/kg	3.2
Styrene	ND	5.6	ug/kg	0.17
1,1,1,2-Tetrachloroethane	ND	5.6	ug/kg	0.70
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	0.38
Tetrachloroethene	ND	5.6	ug/kg	0.59
Toluene	**0.36 J**	**5.6**	**ug/kg**	**0.30**
1,1,1-Trichloroethane	ND	5.6	ug/kg	0.63
1,1,2-Trichloroethane	ND	5.6	ug/kg	0.44
Trichloroethene	ND	5.6	ug/kg	0.47
Trichlorofluoromethane	ND	5.6	ug/kg	0.38
1,2,3-Trichloropropane	ND	5.6	ug/kg	1.0
Vinyl acetate	ND	11	ug/kg	0.28
Vinyl chloride	ND	5.6	ug/kg	0.44
Xylenes (total)	ND	11	ug/kg	0.75

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
Toluene-d8	100	(60 - 143)
4-Bromofluorobenzene	97	(47 - 158)

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.

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-011 **Work Order #...:** L4JX61AM **Matrix.....:** SL
Date Sampled...: 07/21/10 09:15 **Date Received..:** 07/22/10
Prep Date.....: 07/24/10 **Analysis Date..:** 07/24/10
Prep Batch #...: 0205085
Dilution Factor: 1.08 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 3.2 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	22	ug/kg	7.0
Acetonitrile	ND	110	ug/kg	4.1
Acrolein	ND	110	ug/kg	3.0
Acrylonitrile	ND	110	ug/kg	3.0
Benzene	ND	5.6	ug/kg	0.26
Bromodichloromethane	ND	5.6	ug/kg	0.31
Bromoform	ND	5.6	ug/kg	0.37
Bromomethane	ND	5.6	ug/kg	0.60
2-Butanone (MEK)	ND	22	ug/kg	1.6
Carbon disulfide	**1.5 J**	**5.6**	**ug/kg**	**0.49**
Carbon tetrachloride	ND	5.6	ug/kg	0.41
Chlorobenzene	ND	5.6	ug/kg	0.37
Chloroprene	ND	5.6	ug/kg	0.41
Dibromochloromethane	ND	5.6	ug/kg	0.61
Chloroethane	ND	5.6	ug/kg	0.96
Chloroform	ND	5.6	ug/kg	0.32
Chloromethane	ND	5.6	ug/kg	0.46
3-Chloro-1-propene	ND	11	ug/kg	0.99
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.5
1,2-Dibromoethane (EDB)	ND	5.6	ug/kg	0.56
Dibromomethane	ND	5.6	ug/kg	0.70
trans-1,4-Dichloro-2-butene	ND	5.6	ug/kg	1.0
Dichlorodifluoromethane	ND	5.6	ug/kg	0.56
1,1-Dichloroethane	ND	5.6	ug/kg	0.40
1,2-Dichloroethane	ND	5.6	ug/kg	0.38
cis-1,2-Dichloroethene	ND	5.6	ug/kg	0.40
trans-1,2-Dichloroethene	ND	5.6	ug/kg	0.46
1,1-Dichloroethene	ND	5.6	ug/kg	0.58
1,2-Dichloropropane	ND	5.6	ug/kg	0.77
cis-1,3-Dichloropropene	ND	5.6	ug/kg	0.38
trans-1,3-Dichloropropene	ND	5.6	ug/kg	0.60
Ethylbenzene	ND	5.6	ug/kg	0.29
Ethyl methacrylate	ND	5.6	ug/kg	0.46
2-Hexanone	ND	22	ug/kg	0.70
Iodomethane	ND	5.6	ug/kg	0.60
Isobutyl alcohol	ND	220	ug/kg	38

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-011 **Work Order #...:** L4JX61AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	5.6	ug/kg	0.31
Methylene chloride	**5.6 B**	**5.6**	**ug/kg**	**0.75**
Methyl methacrylate	ND	5.6	ug/kg	0.60
4-Methyl-2-pentanone (MIBK)	ND	22	ug/kg	0.60
Propionitrile	ND	22	ug/kg	3.1
Styrene	ND	5.6	ug/kg	0.17
1,1,1,2-Tetrachloroethane	ND	5.6	ug/kg	0.69
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	0.38
Tetrachloroethene	ND	5.6	ug/kg	0.58
Toluene	ND	5.6	ug/kg	0.30
1,1,1-Trichloroethane	ND	5.6	ug/kg	0.62
1,1,2-Trichloroethane	ND	5.6	ug/kg	0.44
Trichloroethene	ND	5.6	ug/kg	0.47
Trichlorofluoromethane	ND	5.6	ug/kg	0.38
1,2,3-Trichloropropane	ND	5.6	ug/kg	1.0
Vinyl acetate	ND	11	ug/kg	0.28
Vinyl chloride	ND	5.6	ug/kg	0.44
Xylenes (total)	ND	11	ug/kg	0.75

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
Toluene-d8	99	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)

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.

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-012 **Work Order #...:** L4JX81AM **Matrix.....:** SL
Date Sampled...: 07/21/10 09:20 **Date Received..:** 07/22/10
Prep Date.....: 07/24/10 **Analysis Date..:** 07/24/10
Prep Batch #...: 0205085
Dilution Factor: 1.04 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 3.7 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	22	ug/kg	6.8
Acetonitrile	ND	110	ug/kg	4.0
Acrolein	ND	110	ug/kg	2.9
Acrylonitrile	ND	110	ug/kg	2.9
Benzene	ND	5.4	ug/kg	0.25
Bromodichloromethane	ND	5.4	ug/kg	0.30
Bromoform	ND	5.4	ug/kg	0.36
Bromomethane	ND	5.4	ug/kg	0.58
2-Butanone (MEK)	ND	22	ug/kg	1.5
Carbon disulfide	**0.99 J**	**5.4**	**ug/kg**	**0.48**
Carbon tetrachloride	ND	5.4	ug/kg	0.40
Chlorobenzene	ND	5.4	ug/kg	0.36
Chloroprene	ND	5.4	ug/kg	0.40
Dibromochloromethane	ND	5.4	ug/kg	0.59
Chloroethane	ND	5.4	ug/kg	0.93
Chloroform	ND	5.4	ug/kg	0.31
Chloromethane	ND	5.4	ug/kg	0.44
3-Chloro-1-propene	ND	11	ug/kg	0.96
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.4
1,2-Dibromoethane (EDB)	ND	5.4	ug/kg	0.54
Dibromomethane	ND	5.4	ug/kg	0.68
trans-1,4-Dichloro-2-butene	ND	5.4	ug/kg	1.0
Dichlorodifluoromethane	ND	5.4	ug/kg	0.54
1,1-Dichloroethane	ND	5.4	ug/kg	0.39
1,2-Dichloroethane	ND	5.4	ug/kg	0.37
cis-1,2-Dichloroethene	ND	5.4	ug/kg	0.39
trans-1,2-Dichloroethene	ND	5.4	ug/kg	0.44
1,1-Dichloroethene	ND	5.4	ug/kg	0.56
1,2-Dichloropropane	ND	5.4	ug/kg	0.75
cis-1,3-Dichloropropene	ND	5.4	ug/kg	0.37
trans-1,3-Dichloropropene	ND	5.4	ug/kg	0.58
Ethylbenzene	ND	5.4	ug/kg	0.28
Ethyl methacrylate	ND	5.4	ug/kg	0.44
2-Hexanone	ND	22	ug/kg	0.68
Iodomethane	ND	5.4	ug/kg	0.58
Isobutyl alcohol	ND	220	ug/kg	37

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

GC/MS Volatiles

Lot-Sample #...: A0G220521-012 **Work Order #...:** L4JX81AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	5.4	ug/kg	0.30
Methylene chloride	**5.4 B**	**5.4**	**ug/kg**	**0.72**
Methyl methacrylate	ND	5.4	ug/kg	0.58
4-Methyl-2-pentanone (MIBK)	ND	22	ug/kg	0.58
Propionitrile	ND	22	ug/kg	3.0
Styrene	ND	5.4	ug/kg	0.16
1,1,1,2-Tetrachloroethane	ND	5.4	ug/kg	0.67
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg	0.37
Tetrachloroethene	ND	5.4	ug/kg	0.56
Toluene	ND	5.4	ug/kg	0.29
1,1,1-Trichloroethane	ND	5.4	ug/kg	0.60
1,1,2-Trichloroethane	ND	5.4	ug/kg	0.42
Trichloroethene	ND	5.4	ug/kg	0.45
Trichlorofluoromethane	ND	5.4	ug/kg	0.37
1,2,3-Trichloropropane	ND	5.4	ug/kg	0.97
Vinyl acetate	ND	11	ug/kg	0.27
Vinyl chloride	ND	5.4	ug/kg	0.42
Xylenes (total)	ND	11	ug/kg	0.72

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	101	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)

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.

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

GC/MS Volatiles

Lot-Sample #...: A0G220521-013 **Work Order #...:** L4JX91AM **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Prep Date.....: 07/24/10 **Analysis Date..:** 07/24/10
Prep Batch #...: 0205085
Dilution Factor: 1.04 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 8.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	7.1
Acetonitrile	ND	110	ug/kg	4.2
Acrolein	ND	110	ug/kg	3.1
Acrylonitrile	ND	110	ug/kg	3.1
Benzene	ND	5.7	ug/kg	0.26
Bromodichloromethane	ND	5.7	ug/kg	0.32
Bromoform	ND	5.7	ug/kg	0.37
Bromomethane	ND	5.7	ug/kg	0.61
2-Butanone (MEK)	ND	23	ug/kg	1.6
Carbon disulfide	**0.71 J**	**5.7**	**ug/kg**	**0.50**
Carbon tetrachloride	ND	5.7	ug/kg	0.42
Chlorobenzene	ND	5.7	ug/kg	0.37
Chloroprene	ND	5.7	ug/kg	0.42
Dibromochloromethane	ND	5.7	ug/kg	0.62
Chloroethane	ND	5.7	ug/kg	0.97
Chloroform	ND	5.7	ug/kg	0.33
Chloromethane	ND	5.7	ug/kg	0.46
3-Chloro-1-propene	ND	11	ug/kg	1.0
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.5
1,2-Dibromoethane (EDB)	ND	5.7	ug/kg	0.57
Dibromomethane	ND	5.7	ug/kg	0.71
trans-1,4-Dichloro-2-butene	ND	5.7	ug/kg	1.1
Dichlorodifluoromethane	ND	5.7	ug/kg	0.57
1,1-Dichloroethane	ND	5.7	ug/kg	0.41
1,2-Dichloroethane	ND	5.7	ug/kg	0.38
cis-1,2-Dichloroethene	ND	5.7	ug/kg	0.41
trans-1,2-Dichloroethene	ND	5.7	ug/kg	0.46
1,1-Dichloroethene	ND	5.7	ug/kg	0.59
1,2-Dichloropropane	ND	5.7	ug/kg	0.78
cis-1,3-Dichloropropene	ND	5.7	ug/kg	0.38
trans-1,3-Dichloropropene	ND	5.7	ug/kg	0.61
Ethylbenzene	ND	5.7	ug/kg	0.29
Ethyl methacrylate	ND	5.7	ug/kg	0.46
2-Hexanone	ND	23	ug/kg	0.71
Iodomethane	ND	5.7	ug/kg	0.61
Isobutyl alcohol	ND	230	ug/kg	38

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

GC/MS Volatiles

Lot-Sample #...: A0G220521-013 **Work Order #...:** L4JX91AM **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	5.7	ug/kg	0.32
Methylene chloride	**4.3 J,B**	**5.7**	**ug/kg**	**0.76**
Methyl methacrylate	ND	5.7	ug/kg	0.61
4-Methyl-2-pentanone (MIBK)	ND	23	ug/kg	0.61
Propionitrile	ND	23	ug/kg	3.2
Styrene	ND	5.7	ug/kg	0.17
1,1,1,2-Tetrachloroethane	ND	5.7	ug/kg	0.70
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	0.38
Tetrachloroethene	ND	5.7	ug/kg	0.59
Toluene	ND	5.7	ug/kg	0.31
1,1,1-Trichloroethane	ND	5.7	ug/kg	0.63
1,1,2-Trichloroethane	ND	5.7	ug/kg	0.44
Trichloroethene	ND	5.7	ug/kg	0.47
Trichlorofluoromethane	ND	5.7	ug/kg	0.38
1,2,3-Trichloropropane	ND	5.7	ug/kg	1.0
Vinyl acetate	ND	11	ug/kg	0.28
Vinyl chloride	ND	5.7	ug/kg	0.44
Xylenes (total)	ND	11	ug/kg	0.76

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	99	(60 - 143)
4-Bromofluorobenzene	97	(47 - 158)

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.

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-001 **Work Order #...:** L4J0Q1AA **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/28/10 **Analysis Date..:** 07/28/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.6 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.31 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.7 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	**3.5**	**1.0**	**ug/L**	**0.17**
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-001 **Work Order #...:** L4J0Q1AA **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	**1.1 B**	**1.0**	**ug/L**	**0.33**
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	**38**	**10**	**ug/L**	**0.32**
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**1.0 B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	**19**	**2.0**	**ug/L**	**0.28**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	106	(60 - 143)
4-Bromofluorobenzene	110	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-002 **Work Order #...:** L4J0V1AE **Matrix.....:** SL
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/28/10 **Analysis Date..:** 07/28/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.6 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.14 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.4 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	**1.4**	**1.0**	**ug/L**	**0.17**
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-002 **Work Order #...:** L4J0V1AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	**0.72 J,B**	**1.0**	**ug/L**	**0.33**
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	**4.5 J**	**10**	**ug/L**	**0.32**
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	**0.91 J,B**	**1.0**	**ug/L**	**0.29**
Toluene	**0.62 J,B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	**6.0**	**2.0**	**ug/L**	**0.28**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
1,2-Dichloroethane-d4	95	(61 - 130)
Toluene-d8	105	(60 - 143)
4-Bromofluorobenzene	108	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-003 **Work Order #...:** L4J0W1AE **Matrix.....:** SL
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/28/10 **Analysis Date..:** 07/28/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**6.4 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.18 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.4 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-003 **Work Order #...:** L4J0W1AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	**6.4 B**	**1.0**	**ug/L**	**0.33**
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	0.32
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	**1.2 B**	**1.0**	**ug/L**	**0.29**
Toluene	**0.25 J,B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	104	(60 - 143)
4-Bromofluorobenzene	108	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-004 **Work Order #...:** L4J0X1AE **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/28/10 **Analysis Date..:** 07/28/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	**0.92 J**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.13 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.5 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	**0.25 J**	**1.0**	**ug/L**	**0.17**
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-004 **Work Order #...:** L4J0X1AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	**0.80 J,B**	**1.0**	**ug/L**	**0.33**
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	0.32
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**2.2 B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	**2.2**	**2.0**	**ug/L**	**0.28**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	104	(60 - 143)
4-Bromofluorobenzene	107	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-005 **Work Order #...:** L4J001AE **Matrix.....:** SL
Date Sampled...: 07/21/10 08:30 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/28/10 **Analysis Date..:** 07/28/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.9 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	**0.24 J**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.30 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.4 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	**0.26 J**	**1.0**	**ug/L**	**0.17**
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-005 **Work Order #...:** L4J001AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	**0.84 J,B**	**1.0**	**ug/L**	**0.33**
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	**0.49 J**	**10**	**ug/L**	**0.32**
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**3.9 B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	**1.9 J**	**2.0**	**ug/L**	**0.28**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	104	(60 - 143)
4-Bromofluorobenzene	107	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-006 **Work Order #...:** L4J011AE **Matrix.....:** SL
Date Sampled...: 07/21/10 08:40 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/29/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.9 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.22 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.4 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-006 **Work Order #...:** L4J011AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	ND	1.0	ug/L	0.33
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	0.32
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**0.40 J,B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	95	(61 - 130)
Toluene-d8	102	(60 - 143)
4-Bromofluorobenzene	107	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-007 **Work Order #...:** L4J021AE **Matrix.....:** SL
Date Sampled...: 07/21/10 08:45 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/29/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.0 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.14 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.3 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-007 **Work Order #...:** L4J021AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	**0.77 J,B**	**1.0**	**ug/L**	**0.33**
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	0.32
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	**3.3 B**	**1.0**	**ug/L**	**0.29**
Toluene	**0.19 J,B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	107	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-008 **Work Order #...:** L4J031AE **Matrix.....:** SL
Date Sampled...: 07/21/10 08:50 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/29/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 2 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.8 J,B**	**20**	**ug/L**	**2.2**
Acetonitrile	ND	40	ug/L	7.0
Acrolein	ND	40	ug/L	4.4
Acrylonitrile	ND	40	ug/L	4.0
Benzene	ND	2.0	ug/L	0.26
Bromodichloromethane	ND	2.0	ug/L	0.30
Bromoform	ND	2.0	ug/L	1.3
Bromomethane	ND	2.0	ug/L	0.82
2-Butanone (MEK)	ND	20	ug/L	1.1
Carbon disulfide	ND	2.0	ug/L	0.26
Carbon tetrachloride	ND	2.0	ug/L	0.26
Chlorobenzene	ND	2.0	ug/L	0.30
Chloroprene	ND	4.0	ug/L	0.58
Dibromochloromethane	ND	2.0	ug/L	0.36
Chloroethane	ND	2.0	ug/L	0.58
Chloroform	**1.3 J,B**	**2.0**	**ug/L**	**0.32**
Chloromethane	ND	2.0	ug/L	0.60
3-Chloropropene	ND	4.0	ug/L	0.70
1,2-Dibromo-3-chloro-propane	ND	4.0	ug/L	1.3
1,2-Dibromoethane (EDB)	ND	2.0	ug/L	0.48
Dibromomethane	ND	2.0	ug/L	0.56
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	0.30
Dichlorodifluoromethane	ND	2.0	ug/L	0.62
1,1-Dichloroethane	ND	2.0	ug/L	0.30
1,2-Dichloroethane	ND	2.0	ug/L	0.44
cis-1,2-Dichloroethene	ND	2.0	ug/L	0.34
trans-1,2-Dichloroethene	ND	2.0	ug/L	0.38
1,1-Dichloroethene	ND	2.0	ug/L	0.38
1,2-Dichloropropane	ND	2.0	ug/L	0.36
cis-1,3-Dichloropropene	ND	2.0	ug/L	0.28
trans-1,3-Dichloropropene	ND	2.0	ug/L	0.38
Ethylbenzene	ND	2.0	ug/L	0.34
Ethyl methacrylate	ND	2.0	ug/L	0.28
2-Hexanone	ND	20	ug/L	0.82
Iodomethane	ND	2.0	ug/L	0.36
Isobutyl alcohol	ND	100	ug/L	16

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-008 **Work Order #...:** L4J031AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	4.0	ug/L	1.0
Methylene chloride	**0.73 J,B**	**2.0**	**ug/L**	**0.66**
Methyl methacrylate	ND	4.0	ug/L	0.98
4-Methyl-2-pentanone (MIBK)	ND	20	ug/L	0.64
Propionitrile	ND	8.0	ug/L	2.4
Styrene	ND	2.0	ug/L	0.22
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	0.46
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	0.36
Tetrachloroethene	**9.4 B**	**2.0**	**ug/L**	**0.58**
Toluene	**170 B**	**2.0**	**ug/L**	**0.26**
1,1,1-Trichloroethane	ND	2.0	ug/L	0.44
1,1,2-Trichloroethane	ND	2.0	ug/L	0.54
Trichloroethene	ND	2.0	ug/L	0.34
Trichlorofluoromethane	ND	2.0	ug/L	0.42
1,2,3-Trichloropropane	ND	2.0	ug/L	0.86
Vinyl acetate	ND	4.0	ug/L	0.38
Vinyl chloride	ND	2.0	ug/L	0.44
Xylenes (total)	ND	4.0	ug/L	0.56

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	95	(61 - 130)
Toluene-d8	104	(60 - 143)
4-Bromofluorobenzene	108	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-009 **Work Order #...:** L4J041AE **Matrix.....:** SL
Date Sampled...: 07/21/10 09:00 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/29/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.8 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.33 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**3.3 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-009 **Work Order #...:** L4J041AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	ND	1.0	ug/L	0.33
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	0.32
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**0.33 J,B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	108	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-010 **Work Order #...:** L4J051AE **Matrix.....:** SL
Date Sampled...: 07/21/10 09:05 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/29/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.8 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.22 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.7 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	**0.83 J**	**1.0**	**ug/L**	**0.17**
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-010 **Work Order #...:** L4J051AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	**1.2 B**	**1.0**	**ug/L**	**0.33**
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	**1.1 J**	**10**	**ug/L**	**0.32**
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**1.5 B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	**4.5**	**2.0**	**ug/L**	**0.28**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	110	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-011 **Work Order #...:** L4J061AE **Matrix.....:** SL
Date Sampled...: 07/21/10 09:15 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/29/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.3 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.15 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.6 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-011 **Work Order #...:** L4J061AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	ND	1.0	ug/L	0.33
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	0.32
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**0.35 J,B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	107	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-012 **Work Order #...:** L4J071AE **Matrix.....:** SL
Date Sampled...: 07/21/10 09:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/29/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.3 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.18 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.6 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-012 **Work Order #...:** L4J071AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	**1.8 B**	**1.0**	**ug/L**	**0.33**
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	0.32
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**0.19 J,B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	107	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-013 **Work Order #...:** L4J081AE **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/29/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.2 J,B**	**10**	**ug/L**	**1.1**
Acetonitrile	ND	20	ug/L	3.5
Acrolein	ND	20	ug/L	2.2
Acrylonitrile	ND	20	ug/L	2.0
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone (MEK)	ND	10	ug/L	0.57
Carbon disulfide	**0.14 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroprene	ND	2.0	ug/L	0.29
Dibromochloromethane	ND	1.0	ug/L	0.18
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**1.6 B**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
3-Chloropropene	ND	2.0	ug/L	0.35
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	0.15
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
Ethyl methacrylate	ND	1.0	ug/L	0.14
2-Hexanone	ND	10	ug/L	0.41
Iodomethane	ND	1.0	ug/L	0.18
Isobutyl alcohol	ND	50	ug/L	8.2

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP GC/MS Volatiles

Lot-Sample #...: A0G220525-013 **Work Order #...:** L4J081AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methacrylonitrile	ND	2.0	ug/L	0.51
Methylene chloride	**0.72 J,B**	**1.0**	**ug/L**	**0.33**
Methyl methacrylate	ND	2.0	ug/L	0.49
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	0.32
Propionitrile	ND	4.0	ug/L	1.2
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	**10 B**	**1.0**	**ug/L**	**0.29**
Toluene	**0.20 J,B**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	**0.23 J**	**1.0**	**ug/L**	**0.17**
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
Vinyl acetate	ND	2.0	ug/L	0.19
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
Toluene-d8	102	(60 - 143)
4-Bromofluorobenzene	105	(47 - 158)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4M8Q1AA **Matrix.....:** SOLID
MB Lot-Sample #: A0G240000-085

Prep Date.....: 07/23/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 07/23/10 **Prep Batch #...:** 0205085
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	**3.8 J**	**100**	**ug/kg**	**SW846 8260B**
Acrolein	ND	100	ug/kg	SW846 8260B
Acrylonitrile	ND	100	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	5.0	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	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
Chloroprene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
3-Chloro-1-propene	ND	10	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	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
Ethyl methacrylate	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	**0.94 J**	**20**	**ug/kg**	**SW846 8260B**
Iodomethane	ND	5.0	ug/kg	SW846 8260B
Isobutyl alcohol	ND	200	ug/kg	SW846 8260B
Methacrylonitrile	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**5.7**	**5.0**	**ug/kg**	**SW846 8260B**
Methyl methacrylate	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4M8Q1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4-Methyl-2-pentanone (MIBK)	**0.55 J**	**20**	**ug/kg**	**SW846 8260B**
Propionitrile	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	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
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	104	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4NGP1AA **Matrix.....:** SOLID
MB Lot-Sample #: A0G260000-159

Prep Date.....: 07/23/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 07/23/10 **Prep Batch #...:** 0207159
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	ND	100	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Acrylonitrile	ND	100	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	5.0	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	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
Chloroprene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
3-Chloro-1-propene	ND	10	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	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
Ethyl methacrylate	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	**0.72 J**	**20**	**ug/kg**	**SW846 8260B**
Iodomethane	ND	5.0	ug/kg	SW846 8260B
Isobutyl alcohol	ND	200	ug/kg	SW846 8260B
Methacrylonitrile	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**1.0 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methyl methacrylate	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4NGP1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg	SW846 8260B
Propionitrile	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	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
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(59 - 138)
1,2-Dichloroethane-d4	80	(61 - 130)
Toluene-d8	97	(60 - 143)
4-Bromofluorobenzene	97	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

SPLP GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J4G1AA **Matrix.....:** SOLID
MB Lot-Sample #: A0G220000-311
Leach Date.....: 07/22/10 **Prep Date.....:** 07/28/10 **Analysis Date..:** 07/28/10
Leach Batch #..: P020309 **Prep Batch #...:** 0210382 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**2.3 J**	**10**	**ug/L**	**SW846 8260B**
Acetonitrile	ND	20	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroprene	ND	2.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	**1.3**	**1.0**	**ug/L**	**SW846 8260B**
Chloromethane	ND	1.0	ug/L	SW846 8260B
3-Chloropropene	ND	2.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Ethyl methacrylate	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Iodomethane	ND	1.0	ug/L	SW846 8260B
Isobutyl alcohol	ND	50	ug/L	SW846 8260B
Methacrylonitrile	ND	2.0	ug/L	SW846 8260B
Methylene chloride	**0.34 J**	**1.0**	**ug/L**	**SW846 8260B**
Methyl methacrylate	ND	2.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

SPLP GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J4G1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	SW846 8260B
Propionitrile	ND	4.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	**3.2**	**1.0**	**ug/L**	**SW846 8260B**
Toluene	**0.21 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	106	(47 - 158)

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 EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4M8Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G240000-085 L4M8Q1AD-LCSD
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0205085
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	85	(58 - 130)			SW846 8260B
	89	(58 - 130)	3.9	(0-30)	SW846 8260B
Acetonitrile	103	(50 - 130)			SW846 8260B
	97	(50 - 130)	6.3	(0-30)	SW846 8260B
Acrolein	92	(50 - 130)			SW846 8260B
	90	(50 - 130)	2.1	(0-30)	SW846 8260B
Acrylonitrile	93	(50 - 130)			SW846 8260B
	92	(50 - 130)	0.62	(0-30)	SW846 8260B
Benzene	**95**	**(75 - 129)**			**SW846 8260B**
	93	**(75 - 129)**	**1.7**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	105	(72 - 125)			SW846 8260B
	104	(72 - 125)	0.31	(0-30)	SW846 8260B
Bromoform	107	(43 - 149)			SW846 8260B
	106	(43 - 149)	1.2	(0-30)	SW846 8260B
Bromomethane	88	(24 - 152)			SW846 8260B
	71	(24 - 152)	20	(0-30)	SW846 8260B
2-Butanone (MEK)	93	(27 - 200)			SW846 8260B
	94	(27 - 200)	0.90	(0-46)	SW846 8260B
Carbon disulfide	119	(50 - 137)			SW846 8260B
	103	(50 - 137)	14	(0-30)	SW846 8260B
Carbon tetrachloride	103	(57 - 137)			SW846 8260B
	96	(57 - 137)	6.7	(0-30)	SW846 8260B
Chlorobenzene	**95**	**(75 - 127)**			**SW846 8260B**
	92	**(75 - 127)**	**3.5**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	114	(49 - 135)			SW846 8260B
	115	(49 - 135)	1.4	(0-30)	SW846 8260B
Chloroethane	78	(31 - 144)			SW846 8260B
	69	(31 - 144)	13	(0-30)	SW846 8260B
Chloroform	90	(73 - 115)			SW846 8260B
	89	(73 - 115)	1.1	(0-30)	SW846 8260B
Chloromethane	81	(15 - 136)			SW846 8260B
	72	(15 - 136)	12	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	103	(50 - 150)			SW846 8260B
	110	(50 - 150)	6.1	(0-30)	SW846 8260B
1,2-Dibromoethane (EDB)	104	(50 - 150)			SW846 8260B
	105	(50 - 150)	0.22	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4M8Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G240000-085 L4M8Q1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromomethane	105	(70 - 130)			SW846 8260B
	104	(70 - 130)	1.4	(0-30)	SW846 8260B
Dichlorodifluoromethane	84	(50 - 150)			SW846 8260B
	71	(50 - 150)	17	(0-20)	SW846 8260B
1,1-Dichloroethane	91	(77 - 119)			SW846 8260B
	92	(77 - 119)	0.57	(0-30)	SW846 8260B
1,2-Dichloroethane	98	(78 - 121)			SW846 8260B
	100	(78 - 121)	2.0	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	88	(77 - 114)			SW846 8260B
	89	(77 - 114)	0.93	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	94	(68 - 117)			SW846 8260B
	91	(68 - 117)	2.9	(0-30)	SW846 8260B
1,1-Dichloroethene	**109**	**(55 - 142)**			**SW846 8260B**
	98	**(55 - 142)**	**11**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	103	(78 - 116)			SW846 8260B
	102	(78 - 116)	1.4	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	111	(71 - 125)			SW846 8260B
	113	(71 - 125)	1.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	115	(67 - 125)			SW846 8260B
	118	(67 - 125)	2.6	(0-30)	SW846 8260B
Ethylbenzene	100	(79 - 114)			SW846 8260B
	92	(79 - 114)	8.2	(0-30)	SW846 8260B
2-Hexanone	99	(29 - 200)			SW846 8260B
	103	(29 - 200)	3.7	(0-41)	SW846 8260B
Iodomethane	106	(70 - 130)			SW846 8260B
	95	(70 - 130)	11	(0-30)	SW846 8260B
Methylene chloride	102	(58 - 130)			SW846 8260B
	97	(58 - 130)	5.5	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK	101	(68 - 142)			SW846 8260B
	101	(68 - 142)	0.060	(0-60)	SW846 8260B
Styrene	105	(80 - 114)			SW846 8260B
	100	(80 - 114)	4.5	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	103	(70 - 130)			SW846 8260B
	98	(70 - 130)	5.6	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	101	(70 - 133)			SW846 8260B
	106	(70 - 133)	4.4	(0-30)	SW846 8260B
Tetrachloroethene	102	(72 - 120)			SW846 8260B
	93	(72 - 120)	8.8	(0-30)	SW846 8260B
Toluene	**103**	**(71 - 130)**			**SW846 8260B**
	98	**(71 - 130)**	**5.3**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	100	(67 - 123)			SW846 8260B
	92	(67 - 123)	8.2	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4M8Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G240000-085 L4M8Q1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloroethane	104	(82 - 116)			SW846 8260B
	104	(82 - 116)	0.12	(0-30)	SW846 8260B
Trichloroethene	**95**	**(70 - 131)**			**SW846 8260B**
	92	**(70 - 131)**	**4.2**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	96	(50 - 150)			SW846 8260B
	81	(50 - 150)	17	(0-20)	SW846 8260B
1,2,3-Trichloropropane	111	(70 - 130)			SW846 8260B
	112	(70 - 130)	1.7	(0-30)	SW846 8260B
Vinyl chloride	85	(24 - 152)			SW846 8260B
	73	(24 - 152)	16	(0-30)	SW846 8260B
Xylenes (total)	102	(80 - 114)			SW846 8260B
	94	(80 - 114)	7.6	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
	91	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
	89	(61 - 130)
Toluene-d8	103	(60 - 143)
	101	(60 - 143)
4-Bromofluorobenzene	103	(47 - 158)
	102	(47 - 158)

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 #...: 0G22521 **Work Order #...:** L4M8Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G240000-085 L4M8Q1AD-LCSD
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0205085
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	100	85	ug/kg	85		SW846 8260B
	100	89	ug/kg	89	3.9	SW846 8260B
Acetonitrile	150	150	ug/kg	103		SW846 8260B
	150	140	ug/kg	97	6.3	SW846 8260B
Acrolein	150	140	ug/kg	92		SW846 8260B
	150	140	ug/kg	90	2.1	SW846 8260B
Acrylonitrile	150	140	ug/kg	93		SW846 8260B
	150	140	ug/kg	92	0.62	SW846 8260B
Benzene	**50**	**47**	**ug/kg**	**95**		**SW846 8260B**
	50	**47**	**ug/kg**	**93**	**1.7**	**SW846 8260B**
Bromodichloromethane	50	52	ug/kg	105		SW846 8260B
	50	52	ug/kg	104	0.31	SW846 8260B
Bromoform	50	54	ug/kg	107		SW846 8260B
	50	53	ug/kg	106	1.2	SW846 8260B
Bromomethane	50	44	ug/kg	88		SW846 8260B
	50	36	ug/kg	71	20	SW846 8260B
2-Butanone (MEK)	100	93	ug/kg	93		SW846 8260B
	100	94	ug/kg	94	0.90	SW846 8260B
Carbon disulfide	50	59	ug/kg	119		SW846 8260B
	50	52	ug/kg	103	14	SW846 8260B
Carbon tetrachloride	50	51	ug/kg	103		SW846 8260B
	50	48	ug/kg	96	6.7	SW846 8260B
Chlorobenzene	**50**	**48**	**ug/kg**	**95**		**SW846 8260B**
	50	**46**	**ug/kg**	**92**	**3.5**	**SW846 8260B**
Dibromochloromethane	50	57	ug/kg	114		SW846 8260B
	50	58	ug/kg	115	1.4	SW846 8260B
Chloroethane	50	39	ug/kg	78		SW846 8260B
	50	34	ug/kg	69	13	SW846 8260B
Chloroform	50	45	ug/kg	90		SW846 8260B
	50	45	ug/kg	89	1.1	SW846 8260B
Chloromethane	50	41	ug/kg	81		SW846 8260B
	50	36	ug/kg	72	12	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	52	ug/kg	103		SW846 8260B
	50	55	ug/kg	110	6.1	SW846 8260B
1,2-Dibromoethane (EDB)	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	105	0.22	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4M8Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G240000-085 L4M8Q1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dibromomethane	50	53	ug/kg	105		SW846 8260B
	50	52	ug/kg	104	1.4	SW846 8260B
Dichlorodifluoromethane	50	42	ug/kg	84		SW846 8260B
	50	36	ug/kg	71	17	SW846 8260B
1,1-Dichloroethane	50	46	ug/kg	91		SW846 8260B
	50	46	ug/kg	92	0.57	SW846 8260B
1,2-Dichloroethane	50	49	ug/kg	98		SW846 8260B
	50	50	ug/kg	100	2.0	SW846 8260B
cis-1,2-Dichloroethene	50	44	ug/kg	88		SW846 8260B
	50	45	ug/kg	89	0.93	SW846 8260B
trans-1,2-Dichloroethene	50	47	ug/kg	94		SW846 8260B
	50	46	ug/kg	91	2.9	SW846 8260B
1,1-Dichloroethene	**50**	**55**	**ug/kg**	**109**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**11**	**SW846 8260B**
1,2-Dichloropropane	50	52	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	1.4	SW846 8260B
cis-1,3-Dichloropropene	50	56	ug/kg	111		SW846 8260B
	50	56	ug/kg	113	1.6	SW846 8260B
trans-1,3-Dichloropropene	50	58	ug/kg	115		SW846 8260B
	50	59	ug/kg	118	2.6	SW846 8260B
Ethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	46	ug/kg	92	8.2	SW846 8260B
2-Hexanone	100	99	ug/kg	99		SW846 8260B
	100	100	ug/kg	103	3.7	SW846 8260B
Iodomethane	50	53	ug/kg	106		SW846 8260B
	50	47	ug/kg	95	11	SW846 8260B
Methylene chloride	50	51	ug/kg	102		SW846 8260B
	50	48	ug/kg	97	5.5	SW846 8260B
4-Methyl-2-pentanone (MIBK	100	100	ug/kg	101		SW846 8260B
	100	100	ug/kg	101	0.060	SW846 8260B
Styrene	50	52	ug/kg	105		SW846 8260B
	50	50	ug/kg	100	4.5	SW846 8260B
1,1,1,2-Tetrachloroethane	50	52	ug/kg	103		SW846 8260B
	50	49	ug/kg	98	5.6	SW846 8260B
1,1,2,2-Tetrachloroethane	50	51	ug/kg	101		SW846 8260B
	50	53	ug/kg	106	4.4	SW846 8260B
Tetrachloroethene	50	51	ug/kg	102		SW846 8260B
	50	47	ug/kg	93	8.8	SW846 8260B
Toluene	**50**	**52**	**ug/kg**	**103**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**5.3**	**SW846 8260B**
1,1,1-Trichloroethane	50	50	ug/kg	100		SW846 8260B
	50	46	ug/kg	92	8.2	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4M8Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G240000-085 L4M8Q1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.12	SW846 8260B
Trichloroethene	**50**	**48**	**ug/kg**	**95**		**SW846 8260B**
	50	**46**	**ug/kg**	**92**	**4.2**	**SW846 8260B**
Trichlorofluoromethane	50	48	ug/kg	96		SW846 8260B
	50	40	ug/kg	81	17	SW846 8260B
1,2,3-Trichloropropane	50	55	ug/kg	111		SW846 8260B
	50	56	ug/kg	112	1.7	SW846 8260B
Vinyl chloride	50	43	ug/kg	85		SW846 8260B
	50	37	ug/kg	73	16	SW846 8260B
Xylenes (total)	150	150	ug/kg	102		SW846 8260B
	150	140	ug/kg	94	7.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
	91	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
	89	(61 - 130)
Toluene-d8	103	(60 - 143)
	101	(60 - 143)
4-Bromofluorobenzene	103	(47 - 158)
	102	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4NGP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G260000-159 L4NGP1AD-LCSD
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	72	(58 - 130)			SW846 8260B
	67	(58 - 130)	6.1	(0-30)	SW846 8260B
Acetonitrile	76	(50 - 130)			SW846 8260B
	71	(50 - 130)	6.7	(0-30)	SW846 8260B
Acrolein	83	(50 - 130)			SW846 8260B
	78	(50 - 130)	6.6	(0-30)	SW846 8260B
Acrylonitrile	83	(50 - 130)			SW846 8260B
	77	(50 - 130)	7.8	(0-30)	SW846 8260B
Benzene	**104**	**(75 - 129)**			**SW846 8260B**
	100	**(75 - 129)**	**4.1**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	90	(72 - 125)			SW846 8260B
	86	(72 - 125)	4.0	(0-30)	SW846 8260B
Bromoform	76	(43 - 149)			SW846 8260B
	69	(43 - 149)	9.7	(0-30)	SW846 8260B
Bromomethane	86	(24 - 152)			SW846 8260B
	84	(24 - 152)	2.8	(0-30)	SW846 8260B
2-Butanone (MEK)	79	(27 - 200)			SW846 8260B
	69	(27 - 200)	14	(0-46)	SW846 8260B
Carbon disulfide	88	(50 - 137)			SW846 8260B
	86	(50 - 137)	2.9	(0-30)	SW846 8260B
Carbon tetrachloride	92	(57 - 137)			SW846 8260B
	89	(57 - 137)	3.3	(0-30)	SW846 8260B
Chlorobenzene	**104**	**(75 - 127)**			**SW846 8260B**
	98	**(75 - 127)**	**5.8**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	89	(49 - 135)			SW846 8260B
	83	(49 - 135)	6.6	(0-30)	SW846 8260B
Chloroethane	89	(31 - 144)			SW846 8260B
	86	(31 - 144)	3.9	(0-30)	SW846 8260B
Chloroform	97	(73 - 115)			SW846 8260B
	93	(73 - 115)	4.2	(0-30)	SW846 8260B
Chloromethane	73	(15 - 136)			SW846 8260B
	70	(15 - 136)	4.2	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	87	(50 - 150)			SW846 8260B
	77	(50 - 150)	12	(0-30)	SW846 8260B
1,2-Dibromoethane (EDB)	106	(50 - 150)			SW846 8260B
	96	(50 - 150)	9.8	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4NGP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G260000-159 L4NGP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromomethane	101	(70 - 130)			SW846 8260B
	95	(70 - 130)	6.3	(0-30)	SW846 8260B
Dichlorodifluoromethane	81	(50 - 150)			SW846 8260B
	78	(50 - 150)	4.5	(0-20)	SW846 8260B
1,1-Dichloroethane	94	(77 - 119)			SW846 8260B
	90	(77 - 119)	4.2	(0-30)	SW846 8260B
1,2-Dichloroethane	86	(78 - 121)			SW846 8260B
	80	(78 - 121)	6.7	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	102	(77 - 114)			SW846 8260B
	99	(77 - 114)	3.6	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	103	(68 - 117)			SW846 8260B
	98	(68 - 117)	4.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**106**	**(55 - 142)**			**SW846 8260B**
	99	**(55 - 142)**	**6.3**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	96	(78 - 116)			SW846 8260B
	93	(78 - 116)	3.0	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	94	(71 - 125)			SW846 8260B
	90	(71 - 125)	4.7	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	90	(67 - 125)			SW846 8260B
	84	(67 - 125)	6.3	(0-30)	SW846 8260B
Ethylbenzene	111	(79 - 114)			SW846 8260B
	103	(79 - 114)	7.0	(0-30)	SW846 8260B
2-Hexanone	89	(29 - 200)			SW846 8260B
	78	(29 - 200)	13	(0-41)	SW846 8260B
Iodomethane	101	(70 - 130)			SW846 8260B
	97	(70 - 130)	3.5	(0-30)	SW846 8260B
Methylene chloride	98	(58 - 130)			SW846 8260B
	92	(58 - 130)	7.1	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK	87	(68 - 142)			SW846 8260B
	76	(68 - 142)	13	(0-60)	SW846 8260B
Styrene	110	(80 - 114)			SW846 8260B
	105	(80 - 114)	5.0	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	96	(70 - 130)			SW846 8260B
	91	(70 - 130)	5.0	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	110	(70 - 133)			SW846 8260B
	100	(70 - 133)	9.9	(0-30)	SW846 8260B
Tetrachloroethene	101	(72 - 120)			SW846 8260B
	96	(72 - 120)	5.7	(0-30)	SW846 8260B
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	95	**(71 - 130)**	**6.2**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	94	(67 - 123)			SW846 8260B
	92	(67 - 123)	1.7	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4NGP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G260000-159 L4NGP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloroethane	108	(82 - 116)			SW846 8260B
	99	(82 - 116)	8.4	(0-30)	SW846 8260B
Trichloroethene	**98**	**(70 - 131)**			**SW846 8260B**
	92	**(70 - 131)**	**5.5**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	93	(50 - 150)			SW846 8260B
	91	(50 - 150)	2.0	(0-20)	SW846 8260B
1,2,3-Trichloropropane	106	(70 - 130)			SW846 8260B
	94	(70 - 130)	12	(0-30)	SW846 8260B
Vinyl chloride	86	(24 - 152)			SW846 8260B
	81	(24 - 152)	5.9	(0-30)	SW846 8260B
Xylenes (total)	110	(80 - 114)			SW846 8260B
	104	(80 - 114)	6.0	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
	87	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
	80	(61 - 130)
Toluene-d8	98	(60 - 143)
	94	(60 - 143)
4-Bromofluorobenzene	101	(47 - 158)
	100	(47 - 158)

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 #...: 0G22521 **Work Order #...:** L4NGP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G260000-159 L4NGP1AD-LCSD
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	100	72	ug/kg	72		SW846 8260B
	100	67	ug/kg	67	6.1	SW846 8260B
Acetonitrile	150	110	ug/kg	76		SW846 8260B
	150	110	ug/kg	71	6.7	SW846 8260B
Acrolein	150	120	ug/kg	83		SW846 8260B
	150	120	ug/kg	78	6.6	SW846 8260B
Acrylonitrile	150	120	ug/kg	83		SW846 8260B
	150	120	ug/kg	77	7.8	SW846 8260B
Benzene	**50**	**52**	**ug/kg**	**104**		**SW846 8260B**
	50	**50**	**ug/kg**	**100**	**4.1**	**SW846 8260B**
Bromodichloromethane	50	45	ug/kg	90		SW846 8260B
	50	43	ug/kg	86	4.0	SW846 8260B
Bromoform	50	38	ug/kg	76		SW846 8260B
	50	34	ug/kg	69	9.7	SW846 8260B
Bromomethane	50	43	ug/kg	86		SW846 8260B
	50	42	ug/kg	84	2.8	SW846 8260B
2-Butanone (MEK)	100	79	ug/kg	79		SW846 8260B
	100	69	ug/kg	69	14	SW846 8260B
Carbon disulfide	50	44	ug/kg	88		SW846 8260B
	50	43	ug/kg	86	2.9	SW846 8260B
Carbon tetrachloride	50	46	ug/kg	92		SW846 8260B
	50	44	ug/kg	89	3.3	SW846 8260B
Chlorobenzene	**50**	**52**	**ug/kg**	**104**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**5.8**	**SW846 8260B**
Dibromochloromethane	50	45	ug/kg	89		SW846 8260B
	50	42	ug/kg	83	6.6	SW846 8260B
Chloroethane	50	45	ug/kg	89		SW846 8260B
	50	43	ug/kg	86	3.9	SW846 8260B
Chloroform	50	48	ug/kg	97		SW846 8260B
	50	46	ug/kg	93	4.2	SW846 8260B
Chloromethane	50	36	ug/kg	73		SW846 8260B
	50	35	ug/kg	70	4.2	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	44	ug/kg	87		SW846 8260B
	50	39	ug/kg	77	12	SW846 8260B
1,2-Dibromoethane (EDB)	50	53	ug/kg	106		SW846 8260B
	50	48	ug/kg	96	9.8	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4NGP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G260000-159 L4NGP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dibromomethane	50	51	ug/kg	101		SW846 8260B
	50	47	ug/kg	95	6.3	SW846 8260B
Dichlorodifluoromethane	50	41	ug/kg	81		SW846 8260B
	50	39	ug/kg	78	4.5	SW846 8260B
1,1-Dichloroethane	50	47	ug/kg	94		SW846 8260B
	50	45	ug/kg	90	4.2	SW846 8260B
1,2-Dichloroethane	50	43	ug/kg	86		SW846 8260B
	50	40	ug/kg	80	6.7	SW846 8260B
cis-1,2-Dichloroethene	50	51	ug/kg	102		SW846 8260B
	50	49	ug/kg	99	3.6	SW846 8260B
trans-1,2-Dichloroethene	50	52	ug/kg	103		SW846 8260B
	50	49	ug/kg	98	4.8	SW846 8260B
1,1-Dichloroethene	**50**	**53**	**ug/kg**	**106**		**SW846 8260B**
	50	**50**	**ug/kg**	**99**	**6.3**	**SW846 8260B**
1,2-Dichloropropane	50	48	ug/kg	96		SW846 8260B
	50	46	ug/kg	93	3.0	SW846 8260B
cis-1,3-Dichloropropene	50	47	ug/kg	94		SW846 8260B
	50	45	ug/kg	90	4.7	SW846 8260B
trans-1,3-Dichloropropene	50	45	ug/kg	90		SW846 8260B
	50	42	ug/kg	84	6.3	SW846 8260B
Ethylbenzene	50	55	ug/kg	111		SW846 8260B
	50	52	ug/kg	103	7.0	SW846 8260B
2-Hexanone	100	89	ug/kg	89		SW846 8260B
	100	78	ug/kg	78	13	SW846 8260B
Iodomethane	50	50	ug/kg	101		SW846 8260B
	50	49	ug/kg	97	3.5	SW846 8260B
Methylene chloride	50	49	ug/kg	98		SW846 8260B
	50	46	ug/kg	92	7.1	SW846 8260B
4-Methyl-2-pentanone (MIBK	100	87	ug/kg	87		SW846 8260B
	100	76	ug/kg	76	13	SW846 8260B
Styrene	50	55	ug/kg	110		SW846 8260B
	50	52	ug/kg	105	5.0	SW846 8260B
1,1,1,2-Tetrachloroethane	50	48	ug/kg	96		SW846 8260B
	50	46	ug/kg	91	5.0	SW846 8260B
1,1,2,2-Tetrachloroethane	50	55	ug/kg	110		SW846 8260B
	50	50	ug/kg	100	9.9	SW846 8260B
Tetrachloroethene	50	51	ug/kg	101		SW846 8260B
	50	48	ug/kg	96	5.7	SW846 8260B
Toluene	**50**	**51**	**ug/kg**	**101**		**SW846 8260B**
	50	**47**	**ug/kg**	**95**	**6.2**	**SW846 8260B**
1,1,1-Trichloroethane	50	47	ug/kg	94		SW846 8260B
	50	46	ug/kg	92	1.7	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4NGP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G260000-159 L4NGP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	50	54	ug/kg	108		SW846 8260B
	50	49	ug/kg	99	8.4	SW846 8260B
Trichloroethene	**50**	**49**	**ug/kg**	**98**		**SW846 8260B**
	50	**46**	**ug/kg**	**92**	**5.5**	**SW846 8260B**
Trichlorofluoromethane	50	46	ug/kg	93		SW846 8260B
	50	46	ug/kg	91	2.0	SW846 8260B
1,2,3-Trichloropropane	50	53	ug/kg	106		SW846 8260B
	50	47	ug/kg	94	12	SW846 8260B
Vinyl chloride	50	43	ug/kg	86		SW846 8260B
	50	41	ug/kg	81	5.9	SW846 8260B
Xylenes (total)	150	170	ug/kg	110		SW846 8260B
	150	160	ug/kg	104	6.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
	87	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
	80	(61 - 130)
Toluene-d8	98	(60 - 143)
	94	(60 - 143)
4-Bromofluorobenzene	101	(47 - 158)
	100	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4V1T1AA-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G290000-382 L4V1T1AC-LCSD
Prep Date.....: 07/28/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0210382
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	104	(58 - 130)			SW846 8260B
	99	(58 - 130)	4.4	(0-30)	SW846 8260B
Acetonitrile	95	(50 - 130)			SW846 8260B
	100	(50 - 130)	5.7	(0-30)	SW846 8260B
Acrolein	109	(50 - 130)			SW846 8260B
	103	(50 - 130)	5.4	(0-30)	SW846 8260B
Acrylonitrile	104	(50 - 130)			SW846 8260B
	102	(50 - 130)	2.5	(0-30)	SW846 8260B
Benzene	**109**	**(75 - 129)**			**SW846 8260B**
	108	**(75 - 129)**	**1.3**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	97	(72 - 125)			SW846 8260B
	97	(72 - 125)	0.17	(0-30)	SW846 8260B
Bromoform	68	(43 - 149)			SW846 8260B
	66	(43 - 149)	2.2	(0-30)	SW846 8260B
Bromomethane	101	(24 - 152)			SW846 8260B
	94	(24 - 152)	8.0	(0-30)	SW846 8260B
2-Butanone (MEK)	105	(27 - 200)			SW846 8260B
	100	(27 - 200)	4.4	(0-46)	SW846 8260B
Carbon disulfide	117	(50 - 137)			SW846 8260B
	114	(50 - 137)	2.1	(0-30)	SW846 8260B
Carbon tetrachloride	89	(57 - 137)			SW846 8260B
	90	(57 - 137)	1.6	(0-30)	SW846 8260B
Chlorobenzene	**102**	**(75 - 127)**			**SW846 8260B**
	102	**(75 - 127)**	**0.66**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	81	(49 - 135)			SW846 8260B
	83	(49 - 135)	2.5	(0-30)	SW846 8260B
Chloroethane	108	(31 - 144)			SW846 8260B
	103	(31 - 144)	5.1	(0-30)	SW846 8260B
Chloroform	103	(73 - 115)			SW846 8260B
	103	(73 - 115)	0.36	(0-30)	SW846 8260B
Chloromethane	94	(15 - 136)			SW846 8260B
	90	(15 - 136)	4.1	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	77	(50 - 150)			SW846 8260B
	79	(50 - 150)	3.6	(0-30)	SW846 8260B
1,2-Dibromoethane (EDB)	106	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.4	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4V1T1AA-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G290000-382 L4V1T1AC-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromomethane	108	(70 - 130)			SW846 8260B
	109	(70 - 130)	0.65	(0-30)	SW846 8260B
Dichlorodifluoromethane	69	(50 - 150)			SW846 8260B
	72	(50 - 150)	4.3	(0-20)	SW846 8260B
1,1-Dichloroethane	110	(77 - 119)			SW846 8260B
	108	(77 - 119)	1.8	(0-30)	SW846 8260B
1,2-Dichloroethane	103	(78 - 121)			SW846 8260B
	102	(78 - 121)	1.6	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	108	(77 - 114)			SW846 8260B
	107	(77 - 114)	1.2	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	111	(68 - 117)			SW846 8260B
	109	(68 - 117)	2.1	(0-30)	SW846 8260B
1,1-Dichloroethene	**117**	**(55 - 142)**			**SW846 8260B**
	113	**(55 - 142)**	**3.1**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	110	(78 - 116)			SW846 8260B
	110	(78 - 116)	0.75	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	98	(71 - 125)			SW846 8260B
	98	(71 - 125)	0.57	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	101	(67 - 125)			SW846 8260B
	99	(67 - 125)	2.0	(0-30)	SW846 8260B
Ethylbenzene	106	(79 - 114)			SW846 8260B
	106	(79 - 114)	0.25	(0-30)	SW846 8260B
2-Hexanone	110	(29 - 200)			SW846 8260B
	107	(29 - 200)	2.4	(0-41)	SW846 8260B
Iodomethane	121	(70 - 130)			SW846 8260B
	116	(70 - 130)	3.6	(0-30)	SW846 8260B
Methylene chloride	81	(58 - 130)			SW846 8260B
	111 p	(58 - 130)	31	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK	110	(68 - 142)			SW846 8260B
	108	(68 - 142)	1.5	(0-60)	SW846 8260B
Styrene	111	(80 - 114)			SW846 8260B
	111	(80 - 114)	0.21	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	101	(70 - 130)			SW846 8260B
	102	(70 - 130)	0.52	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	104	(70 - 133)			SW846 8260B
	105	(70 - 133)	0.63	(0-30)	SW846 8260B
Tetrachloroethene	103	(72 - 120)			SW846 8260B
	101	(72 - 120)	1.6	(0-30)	SW846 8260B
Toluene	**105**	**(71 - 130)**			**SW846 8260B**
	104	**(71 - 130)**	**1.1**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	108	(67 - 123)			SW846 8260B
	107	(67 - 123)	1.0	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4V1T1AA-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G290000-382 L4V1T1AC-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloroethane	103	(82 - 116)			SW846 8260B
	104	(82 - 116)	0.94	(0-30)	SW846 8260B
Trichloroethene	**104**	**(70 - 131)**			**SW846 8260B**
	107	**(70 - 131)**	**2.1**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	107	(50 - 150)			SW846 8260B
	108	(50 - 150)	1.4	(0-20)	SW846 8260B
1,2,3-Trichloropropane	101	(70 - 130)			SW846 8260B
	101	(70 - 130)	0.28	(0-30)	SW846 8260B
Vinyl chloride	101	(24 - 152)			SW846 8260B
	97	(24 - 152)	4.1	(0-30)	SW846 8260B
Xylenes (total)	106	(80 - 114)			SW846 8260B
	105	(80 - 114)	1.2	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	97	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
	98	(61 - 130)
Toluene-d8	104	(60 - 143)
	104	(60 - 143)
4-Bromofluorobenzene	111	(47 - 158)
	111	(47 - 158)

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 #...: 0G22521 **Work Order #...:** L4V1T1AA-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G290000-382 L4V1T1AC-LCSD
Prep Date.....: 07/28/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0210382
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	40	42	ug/L	104		SW846 8260B
	40	40	ug/L	99	4.4	SW846 8260B
Acetonitrile	60	57	ug/L	95		SW846 8260B
	60	60	ug/L	100	5.7	SW846 8260B
Acrolein	60	65	ug/L	109		SW846 8260B
	60	62	ug/L	103	5.4	SW846 8260B
Acrylonitrile	60	63	ug/L	104		SW846 8260B
	60	61	ug/L	102	2.5	SW846 8260B
Benzene	**20**	**22**	**ug/L**	**109**		**SW846 8260B**
	20	**22**	**ug/L**	**108**	**1.3**	**SW846 8260B**
Bromodichloromethane	20	19	ug/L	97		SW846 8260B
	20	19	ug/L	97	0.17	SW846 8260B
Bromoform	20	14	ug/L	68		SW846 8260B
	20	13	ug/L	66	2.2	SW846 8260B
Bromomethane	20	20	ug/L	101		SW846 8260B
	20	19	ug/L	94	8.0	SW846 8260B
2-Butanone (MEK)	40	42	ug/L	105		SW846 8260B
	40	40	ug/L	100	4.4	SW846 8260B
Carbon disulfide	20	23	ug/L	117		SW846 8260B
	20	23	ug/L	114	2.1	SW846 8260B
Carbon tetrachloride	20	18	ug/L	89		SW846 8260B
	20	18	ug/L	90	1.6	SW846 8260B
Chlorobenzene	**20**	**20**	**ug/L**	**102**		**SW846 8260B**
	20	**20**	**ug/L**	**102**	**0.66**	**SW846 8260B**
Dibromochloromethane	20	16	ug/L	81		SW846 8260B
	20	17	ug/L	83	2.5	SW846 8260B
Chloroethane	20	22	ug/L	108		SW846 8260B
	20	21	ug/L	103	5.1	SW846 8260B
Chloroform	20	21	ug/L	103		SW846 8260B
	20	21	ug/L	103	0.36	SW846 8260B
Chloromethane	20	19	ug/L	94		SW846 8260B
	20	18	ug/L	90	4.1	SW846 8260B
1,2-Dibromo-3-chloro-propane	20	15	ug/L	77		SW846 8260B
	20	16	ug/L	79	3.6	SW846 8260B
1,2-Dibromoethane (EDB)	20	21	ug/L	106		SW846 8260B
	20	21	ug/L	104	1.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4V1T1AA-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G290000-382 L4V1T1AC-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dibromomethane	20	22	ug/L	108		SW846 8260B
	20	22	ug/L	109	0.65	SW846 8260B
Dichlorodifluoromethane	20	14	ug/L	69		SW846 8260B
	20	14	ug/L	72	4.3	SW846 8260B
1,1-Dichloroethane	20	22	ug/L	110		SW846 8260B
	20	22	ug/L	108	1.8	SW846 8260B
1,2-Dichloroethane	20	21	ug/L	103		SW846 8260B
	20	20	ug/L	102	1.6	SW846 8260B
cis-1,2-Dichloroethene	20	22	ug/L	108		SW846 8260B
	20	21	ug/L	107	1.2	SW846 8260B
trans-1,2-Dichloroethene	20	22	ug/L	111		SW846 8260B
	20	22	ug/L	109	2.1	SW846 8260B
1,1-Dichloroethene	**20**	**23**	**ug/L**	**117**		**SW846 8260B**
	20	**23**	**ug/L**	**113**	**3.1**	**SW846 8260B**
1,2-Dichloropropane	20	22	ug/L	110		SW846 8260B
	20	22	ug/L	110	0.75	SW846 8260B
cis-1,3-Dichloropropene	20	20	ug/L	98		SW846 8260B
	20	20	ug/L	98	0.57	SW846 8260B
trans-1,3-Dichloropropene	20	20	ug/L	101		SW846 8260B
	20	20	ug/L	99	2.0	SW846 8260B
Ethylbenzene	20	21	ug/L	106		SW846 8260B
	20	21	ug/L	106	0.25	SW846 8260B
2-Hexanone	40	44	ug/L	110		SW846 8260B
	40	43	ug/L	107	2.4	SW846 8260B
Iodomethane	20	24	ug/L	121		SW846 8260B
	20	23	ug/L	116	3.6	SW846 8260B
Methylene chloride	20	16	ug/L	81		SW846 8260B
	20	22 p	ug/L	111	31	SW846 8260B
4-Methyl-2-pentanone (MIBK	40	44	ug/L	110		SW846 8260B
	40	43	ug/L	108	1.5	SW846 8260B
Styrene	20	22	ug/L	111		SW846 8260B
	20	22	ug/L	111	0.21	SW846 8260B
1,1,1,2-Tetrachloroethane	20	20	ug/L	101		SW846 8260B
	20	20	ug/L	102	0.52	SW846 8260B
1,1,2,2-Tetrachloroethane	20	21	ug/L	104		SW846 8260B
	20	21	ug/L	105	0.63	SW846 8260B
Tetrachloroethene	20	21	ug/L	103		SW846 8260B
	20	20	ug/L	101	1.6	SW846 8260B
Toluene	**20**	**21**	**ug/L**	**105**		**SW846 8260B**
	20	**21**	**ug/L**	**104**	**1.1**	**SW846 8260B**
1,1,1-Trichloroethane	20	22	ug/L	108		SW846 8260B
	20	21	ug/L	107	1.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4V1T1AA-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G290000-382 L4V1T1AC-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	20	21	ug/L	103		SW846 8260B
	20	21	ug/L	104	0.94	SW846 8260B
Trichloroethene	**20**	**21**	**ug/L**	**104**		**SW846 8260B**
	20	**21**	**ug/L**	**107**	**2.1**	**SW846 8260B**
Trichlorofluoromethane	20	21	ug/L	107		SW846 8260B
	20	22	ug/L	108	1.4	SW846 8260B
1,2,3-Trichloropropane	20	20	ug/L	101		SW846 8260B
	20	20	ug/L	101	0.28	SW846 8260B
Vinyl chloride	20	20	ug/L	101		SW846 8260B
	20	19	ug/L	97	4.1	SW846 8260B
Xylenes (total)	60	64	ug/L	106		SW846 8260B
	60	63	ug/L	105	1.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	97	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
	98	(61 - 130)
Toluene-d8	104	(60 - 143)
	104	(60 - 143)
4-Bromofluorobenzene	111	(47 - 158)
	111	(47 - 158)

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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4AH81AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160575-015 L4AH81AE-MSD
Date Sampled...: 07/14/10 16:58 **Date Received..:** 07/16/10
Prep Date.....: 07/24/10 **Analysis Date..:** 07/24/10
Prep Batch #...: 0205085
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	90	(10 - 200)			SW846 8260B
	66	(10 - 200)	29	(0-66)	SW846 8260B
Acetonitrile	106	(50 - 130)			SW846 8260B
	76 p	(50 - 130)	32	(0-30)	SW846 8260B
Acrolein	84	(50 - 130)			SW846 8260B
	66	(50 - 130)	25	(0-30)	SW846 8260B
Acrylonitrile	94	(50 - 130)			SW846 8260B
	74	(50 - 130)	23	(0-30)	SW846 8260B
Benzene	**85**	**(55 - 138)**			**SW846 8260B**
	82	**(55 - 138)**	**3.7**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	93	(47 - 131)			SW846 8260B
	90	(47 - 131)	3.4	(0-51)	SW846 8260B
Bromoform	87	(26 - 141)			SW846 8260B
	76	(26 - 141)	13	(0-64)	SW846 8260B
Bromomethane	94	(15 - 152)			SW846 8260B
	79	(15 - 152)	17	(0-72)	SW846 8260B
2-Butanone (MEK)	92	(21 - 195)			SW846 8260B
	72	(21 - 195)	24	(0-60)	SW846 8260B
Carbon disulfide	106	(27 - 149)			SW846 8260B
	96	(27 - 149)	10	(0-73)	SW846 8260B
Carbon tetrachloride	89	(32 - 143)			SW846 8260B
	84	(32 - 143)	5.6	(0-68)	SW846 8260B
Chlorobenzene	**75**	**(49 - 139)**			**SW846 8260B**
	70	**(49 - 139)**	**6.2**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	96	(44 - 135)			SW846 8260B
	90	(44 - 135)	6.4	(0-61)	SW846 8260B
Chloroethane	80	(32 - 140)			SW846 8260B
	71	(32 - 140)	13	(0-66)	SW846 8260B
Chloroform	83	(59 - 128)			SW846 8260B
	80	(59 - 128)	3.4	(0-46)	SW846 8260B
Chloromethane	81	(28 - 130)			SW846 8260B
	74	(28 - 130)	8.3	(0-81)	SW846 8260B
1,2-Dibromo-3-chloro-propane	89	(50 - 150)			SW846 8260B
	74	(50 - 150)	19	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	91	(50 - 150)			SW846 8260B
	82	(50 - 150)	10	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4AH81AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160575-015 L4AH81AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromomethane	94	(70 - 130)			SW846 8260B
	85	(70 - 130)	11	(0-30)	SW846 8260B
Dichlorodifluoromethane	77	(50 - 150)			SW846 8260B
	69	(50 - 150)	10	(0-20)	SW846 8260B
1,1-Dichloroethane	86	(56 - 130)			SW846 8260B
	83	(56 - 130)	3.6	(0-54)	SW846 8260B
1,2-Dichloroethane	91	(56 - 126)			SW846 8260B
	84	(56 - 126)	8.3	(0-38)	SW846 8260B
cis-1,2-Dichloroethene	110	(48 - 127)			SW846 8260B
	97	(48 - 127)	3.1	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	86	(47 - 127)			SW846 8260B
	84	(47 - 127)	2.0	(0-58)	SW846 8260B
1,1-Dichloroethene	**100**	**(43 - 147)**			**SW846 8260B**
	93	**(43 - 147)**	**7.0**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	94	(54 - 125)			SW846 8260B
	89	(54 - 125)	5.5	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	97	(30 - 138)			SW846 8260B
	92	(30 - 138)	4.4	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	96	(34 - 134)			SW846 8260B
	92	(34 - 134)	4.4	(0-57)	SW846 8260B
Ethylbenzene	75	(36 - 133)			SW846 8260B
	72	(36 - 133)	4.6	(0-72)	SW846 8260B
2-Hexanone	100	(20 - 190)			SW846 8260B
	79	(20 - 190)	23	(0-70)	SW846 8260B
Iodomethane	102	(70 - 130)			SW846 8260B
	91	(70 - 130)	12	(0-30)	SW846 8260B
Methylene chloride	88	(45 - 129)			SW846 8260B
	77	(45 - 129)	11	(0-49)	SW846 8260B
4-Methyl-2-pentanone (MIB	104	(42 - 143)			SW846 8260B
	80	(42 - 143)	26	(0-60)	SW846 8260B
Styrene	78	(23 - 136)			SW846 8260B
	72	(23 - 136)	7.2	(0-65)	SW846 8260B
1,1,1,2-Tetrachloroethane	89	(70 - 130)			SW846 8260B
	83	(70 - 130)	6.6	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	93	(33 - 162)			SW846 8260B
	81	(33 - 162)	14	(0-90)	SW846 8260B
Tetrachloroethene	78	(31 - 137)			SW846 8260B
	75	(31 - 137)	4.2	(0-81)	SW846 8260B
Toluene	**84**	**(46 - 147)**			**SW846 8260B**
	83	**(46 - 147)**	**1.3**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	93	(48 - 132)			SW846 8260B
	87	(48 - 132)	6.8	(0-57)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4AH81AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160575-015 L4AH81AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloroethane	98	(58 - 128)			SW846 8260B
	90	(58 - 128)	8.9	(0-52)	SW846 8260B
Trichloroethene	**92**	**(46 - 143)**			**SW846 8260B**
	84	**(46 - 143)**	**5.4**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	83	(50 - 150)			SW846 8260B
	73	(50 - 150)	13	(0-20)	SW846 8260B
1,2,3-Trichloropropane	106	(70 - 130)			SW846 8260B
	91	(70 - 130)	16	(0-30)	SW846 8260B
Vinyl chloride	82	(30 - 136)			SW846 8260B
	76	(30 - 136)	6.2	(0-80)	SW846 8260B
Xylenes (total)	77	(33 - 135)			SW846 8260B
	72	(33 - 135)	6.8	(0-78)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
	89	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	83	(61 - 130)
Toluene-d8	103	(60 - 143)
	101	(60 - 143)
4-Bromofluorobenzene	99	(47 - 158)
	100	(47 - 158)

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 #...: 0G22521 **Work Order #...:** L4AH81AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160575-015 L4AH81AE-MSD
Date Sampled...: 07/14/10 16:58 **Date Received..:** 07/16/10
Prep Date.....: 07/24/10 **Analysis Date..:** 07/24/10
Prep Batch #...: 0205085
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 20

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	120	120	ug/kg	90		SW846 8260B
	ND	120	89	ug/kg	66	29	SW846 8260B
Acetonitrile	4.7	190	200	ug/kg	106		SW846 8260B
	4.7	190	150	ug/kg	76 p	32	SW846 8260B
Acrolein	ND	190	160	ug/kg	84		SW846 8260B
	ND	190	120	ug/kg	66	25	SW846 8260B
Acrylonitrile	ND	190	180	ug/kg	94		SW846 8260B
	ND	190	140	ug/kg	74	23	SW846 8260B
Benzene	**0.35**	**62**	**53**	**ug/kg**	**85**		**SW846 8260B**
	0.35	**62**	**51**	**ug/kg**	**82**	**3.7**	**SW846 8260B**
Bromodichloromethane	ND	62	58	ug/kg	93		SW846 8260B
	ND	62	56	ug/kg	90	3.4	SW846 8260B
Bromoform	ND	62	54	ug/kg	87		SW846 8260B
	ND	62	48	ug/kg	76	13	SW846 8260B
Bromomethane	ND	62	59	ug/kg	94		SW846 8260B
	ND	62	49	ug/kg	79	17	SW846 8260B
2-Butanone (MEK)	3.9	120	120	ug/kg	92		SW846 8260B
	3.9	120	93	ug/kg	72	24	SW846 8260B
Carbon disulfide	ND	62	66	ug/kg	106		SW846 8260B
	ND	62	60	ug/kg	96	10	SW846 8260B
Carbon tetrachloride	ND	62	55	ug/kg	89		SW846 8260B
	ND	62	52	ug/kg	84	5.6	SW846 8260B
Chlorobenzene	**ND**	**62**	**47**	**ug/kg**	**75**		**SW846 8260B**
	ND	**62**	**44**	**ug/kg**	**70**	**6.2**	**SW846 8260B**
Dibromochloromethane	ND	62	60	ug/kg	96		SW846 8260B
	ND	62	56	ug/kg	90	6.4	SW846 8260B
Chloroethane	ND	62	50	ug/kg	80		SW846 8260B
	ND	62	44	ug/kg	71	13	SW846 8260B
Chloroform	ND	62	52	ug/kg	83		SW846 8260B
	ND	62	50	ug/kg	80	3.4	SW846 8260B
Chloromethane	ND	62	50	ug/kg	81		SW846 8260B
	ND	62	46	ug/kg	74	8.3	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	62	55	ug/kg	89		SW846 8260B
	ND	62	46	ug/kg	74	19	SW846 8260B
1,2-Dibromoethane (EDB)	ND	62	56	ug/kg	91		SW846 8260B
	ND	62	51	ug/kg	82	10	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4AH81AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160575-015 L4AH81AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dibromomethane	ND	62	59	ug/kg	94		SW846 8260B
	ND	62	53	ug/kg	85	11	SW846 8260B
Dichlorodifluoromethane	ND	62	48	ug/kg	77		SW846 8260B
	ND	62	43	ug/kg	69	10	SW846 8260B
1,1-Dichloroethane	0.87	62	55	ug/kg	86		SW846 8260B
	0.87	62	53	ug/kg	83	3.6	SW846 8260B
1,2-Dichloroethane	ND	62	57	ug/kg	91		SW846 8260B
	ND	62	52	ug/kg	84	8.3	SW846 8260B
cis-1,2-Dichloroethene	210	62	280	ug/kg	110		SW846 8260B
	210	62	270	ug/kg	97	3.1	SW846 8260B
trans-1,2-Dichloroethene	2.2	62	56	ug/kg	86		SW846 8260B
	2.2	62	55	ug/kg	84	2.0	SW846 8260B
1,1-Dichloroethene	**0.68**	**62**	**63**	**ug/kg**	**100**		**SW846 8260B**
	0.68	**62**	**59**	**ug/kg**	**93**	**7.0**	**SW846 8260B**
1,2-Dichloropropane	ND	62	59	ug/kg	94		SW846 8260B
	ND	62	56	ug/kg	89	5.5	SW846 8260B
cis-1,3-Dichloropropene	ND	62	60	ug/kg	97		SW846 8260B
	ND	62	58	ug/kg	92	4.4	SW846 8260B
trans-1,3-Dichloropropene	ND	62	60	ug/kg	96		SW846 8260B
	ND	62	57	ug/kg	92	4.4	SW846 8260B
Ethylbenzene	ND	62	47	ug/kg	75		SW846 8260B
	ND	62	45	ug/kg	72	4.6	SW846 8260B
2-Hexanone	ND	120	120	ug/kg	100		SW846 8260B
	ND	120	98	ug/kg	79	23	SW846 8260B
Iodomethane	ND	62	64	ug/kg	102		SW846 8260B
	ND	62	56	ug/kg	91	12	SW846 8260B
Methylene chloride	14	62	69	ug/kg	88		SW846 8260B
	14	62	62	ug/kg	77	11	SW846 8260B
4-Methyl-2-pentanone (MIB	ND	120	130	ug/kg	104		SW846 8260B
	ND	120	99	ug/kg	80	26	SW846 8260B
Styrene	ND	62	48	ug/kg	78		SW846 8260B
	ND	62	45	ug/kg	72	7.2	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	62	55	ug/kg	89		SW846 8260B
	ND	62	52	ug/kg	83	6.6	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	62	58	ug/kg	93		SW846 8260B
	ND	62	50	ug/kg	81	14	SW846 8260B
Tetrachloroethene	1.5	62	50	ug/kg	78		SW846 8260B
	1.5	62	48	ug/kg	75	4.2	SW846 8260B
Toluene	**1.2**	**62**	**53**	**ug/kg**	**84**		**SW846 8260B**
	1.2	**62**	**53**	**ug/kg**	**83**	**1.3**	**SW846 8260B**
1,1,1-Trichloroethane	ND	62	58	ug/kg	93		SW846 8260B
	ND	62	54	ug/kg	87	6.8	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4AH81AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160575-015 L4AH81AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	ND	62	61	ug/kg	98		SW846 8260B
	ND	62	56	ug/kg	90	8.9	SW846 8260B
Trichloroethene	**31**	**62**	**89**	**ug/kg**	**92**		**SW846 8260B**
	31	**62**	**84**	**ug/kg**	**84**	**5.4**	**SW846 8260B**
Trichlorofluoromethane	ND	62	52	ug/kg	83		SW846 8260B
	ND	62	45	ug/kg	73	13	SW846 8260B
1,2,3-Trichloropropane	ND	62	66	ug/kg	106		SW846 8260B
	ND	62	57	ug/kg	91	16	SW846 8260B
Vinyl chloride	9.1	62	60	ug/kg	82		SW846 8260B
	9.1	62	57	ug/kg	76	6.2	SW846 8260B
Xylenes (total)	ND	190	140	ug/kg	77		SW846 8260B
	ND	190	130	ug/kg	72	6.8	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
	89	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	83	(61 - 130)
Toluene-d8	103	(60 - 143)
	101	(60 - 143)
4-Bromofluorobenzene	99	(47 - 158)
	100	(47 - 158)

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 EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4A1X1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160617-004 L4A1X1AF-MSD
Date Sampled...: 07/14/10 15:40 **Date Received..:** 07/16/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	70	(10 - 200)			SW846 8260B
	59	(10 - 200)	15	(0-66)	SW846 8260B
Acetonitrile	80	(50 - 130)			SW846 8260B
	68	(50 - 130)	15	(0-30)	SW846 8260B
Acrolein	65	(50 - 130)			SW846 8260B
	63	(50 - 130)	3.7	(0-30)	SW846 8260B
Acrylonitrile	82	(50 - 130)			SW846 8260B
	72	(50 - 130)	14	(0-30)	SW846 8260B
Benzene	**90**	**(55 - 138)**			**SW846 8260B**
	86	**(55 - 138)**	**5.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	73	(47 - 131)			SW846 8260B
	67	(47 - 131)	8.6	(0-51)	SW846 8260B
Bromoform	48	(26 - 141)			SW846 8260B
	42	(26 - 141)	13	(0-64)	SW846 8260B
Bromomethane	90	(15 - 152)			SW846 8260B
	87	(15 - 152)	3.8	(0-72)	SW846 8260B
2-Butanone (MEK)	77	(21 - 195)			SW846 8260B
	64	(21 - 195)	19	(0-60)	SW846 8260B
Carbon disulfide	77	(27 - 149)			SW846 8260B
	75	(27 - 149)	2.8	(0-73)	SW846 8260B
Carbon tetrachloride	77	(32 - 143)			SW846 8260B
	75	(32 - 143)	2.8	(0-68)	SW846 8260B
Chlorobenzene	**77**	**(49 - 139)**			**SW846 8260B**
	72	**(49 - 139)**	**7.5**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	74	(44 - 135)			SW846 8260B
	65	(44 - 135)	13	(0-61)	SW846 8260B
Chloroethane	91	(32 - 140)			SW846 8260B
	88	(32 - 140)	3.6	(0-66)	SW846 8260B
Chloroform	89	(59 - 128)			SW846 8260B
	84	(59 - 128)	6.5	(0-46)	SW846 8260B
Chloromethane	76	(28 - 130)			SW846 8260B
	73	(28 - 130)	4.0	(0-81)	SW846 8260B
1,2-Dibromo-3-chloro-propane	76	(50 - 150)			SW846 8260B
	57 p	(50 - 150)	28	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	94	(50 - 150)			SW846 8260B
	81	(50 - 150)	15	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4A1X1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160617-004 L4A1X1AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromomethane	86	(70 - 130)			SW846 8260B
	76	(70 - 130)	12	(0-30)	SW846 8260B
Dichlorodifluoromethane	85	(50 - 150)			SW846 8260B
	80	(50 - 150)	5.8	(0-20)	SW846 8260B
1,1-Dichloroethane	91	(56 - 130)			SW846 8260B
	87	(56 - 130)	5.0	(0-54)	SW846 8260B
1,2-Dichloroethane	81	(56 - 126)			SW846 8260B
	73	(56 - 126)	11	(0-38)	SW846 8260B
cis-1,2-Dichloroethene	94	(48 - 127)			SW846 8260B
	89	(48 - 127)	5.3	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	96	(47 - 127)			SW846 8260B
	92	(47 - 127)	4.7	(0-58)	SW846 8260B
1,1-Dichloroethene	**99**	**(43 - 147)**			**SW846 8260B**
	96	**(43 - 147)**	**2.5**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	85	(54 - 125)			SW846 8260B
	79	(54 - 125)	7.8	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	69	(30 - 138)			SW846 8260B
	63	(30 - 138)	8.5	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	75	(34 - 134)			SW846 8260B
	67	(34 - 134)	11	(0-57)	SW846 8260B
Ethylbenzene	78	(36 - 133)			SW846 8260B
	74	(36 - 133)	5.2	(0-72)	SW846 8260B
2-Hexanone	87	(20 - 190)			SW846 8260B
	71	(20 - 190)	20	(0-70)	SW846 8260B
Iodomethane	100	(70 - 130)			SW846 8260B
	95	(70 - 130)	4.8	(0-30)	SW846 8260B
Methylene chloride	90	(45 - 129)			SW846 8260B
	87	(45 - 129)	2.5	(0-49)	SW846 8260B
4-Methyl-2-pentanone (MIB	97	(42 - 143)			SW846 8260B
	80	(42 - 143)	19	(0-60)	SW846 8260B
Styrene	68	(23 - 136)			SW846 8260B
	63	(23 - 136)	7.4	(0-65)	SW846 8260B
1,1,1,2-Tetrachloroethane	87	(70 - 130)			SW846 8260B
	81	(70 - 130)	7.0	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	145	(33 - 162)			SW846 8260B
	121	(33 - 162)	18	(0-90)	SW846 8260B
Tetrachloroethene	78	(31 - 137)			SW846 8260B
	79	(31 - 137)	1.2	(0-81)	SW846 8260B
Toluene	**93**	**(46 - 147)**			**SW846 8260B**
	86	**(46 - 147)**	**6.8**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	87	(48 - 132)			SW846 8260B
	83	(48 - 132)	5.4	(0-57)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4A1X1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160617-004 L4A1X1AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloroethane	105	(58 - 128)			SW846 8260B
	91	(58 - 128)	14	(0-52)	SW846 8260B
Trichloroethene	**76**	**(46 - 143)**			**SW846 8260B**
	73	**(46 - 143)**	**3.8**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	86	(50 - 150)			SW846 8260B
	84	(50 - 150)	1.8	(0-20)	SW846 8260B
1,2,3-Trichloropropane	142 a	(70 - 130)			SW846 8260B
	121	(70 - 130)	16	(0-30)	SW846 8260B
Vinyl chloride	89	(30 - 136)			SW846 8260B
	85	(30 - 136)	5.0	(0-80)	SW846 8260B
Xylenes (total)	78	(33 - 135)			SW846 8260B
	74	(33 - 135)	4.8	(0-78)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
	90	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	81	(61 - 130)
Toluene-d8	113	(60 - 143)
	112	(60 - 143)
4-Bromofluorobenzene	134	(47 - 158)
	134	(47 - 158)

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.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4A1X1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160617-004 L4A1X1AF-MSD
Date Sampled...: 07/14/10 15:40 **Date Received..:** 07/16/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/23/10
Prep Batch #...: 0207159
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	110	86	ug/kg	70		SW846 8260B
	ND	110	74	ug/kg	59	15	SW846 8260B
Acetonitrile	ND	170	130	ug/kg	80		SW846 8260B
	ND	170	120	ug/kg	68	15	SW846 8260B
Acrolein	ND	170	110	ug/kg	65		SW846 8260B
	ND	170	110	ug/kg	63	3.7	SW846 8260B
Acrylonitrile	ND	170	140	ug/kg	82		SW846 8260B
	ND	170	120	ug/kg	72	14	SW846 8260B
Benzene	**2.5**	**56**	**53**	**ug/kg**	**90**		**SW846 8260B**
	2.5	**56**	**51**	**ug/kg**	**86**	**5.0**	**SW846 8260B**
Bromodichloromethane	ND	56	41	ug/kg	73		SW846 8260B
	ND	56	38	ug/kg	67	8.6	SW846 8260B
Bromoform	ND	56	27	ug/kg	48		SW846 8260B
	ND	56	24	ug/kg	42	13	SW846 8260B
Bromomethane	ND	56	51	ug/kg	90		SW846 8260B
	ND	56	49	ug/kg	87	3.8	SW846 8260B
2-Butanone (MEK)	ND	110	87	ug/kg	77		SW846 8260B
	ND	110	72	ug/kg	64	19	SW846 8260B
Carbon disulfide	ND	56	43	ug/kg	77		SW846 8260B
	ND	56	42	ug/kg	75	2.8	SW846 8260B
Carbon tetrachloride	ND	56	43	ug/kg	77		SW846 8260B
	ND	56	42	ug/kg	75	2.8	SW846 8260B
Chlorobenzene	**ND**	**56**	**44**	**ug/kg**	**77**		**SW846 8260B**
	ND	**56**	**40**	**ug/kg**	**72**	**7.5**	**SW846 8260B**
Dibromochloromethane	ND	56	42	ug/kg	74		SW846 8260B
	ND	56	37	ug/kg	65	13	SW846 8260B
Chloroethane	ND	56	52	ug/kg	91		SW846 8260B
	ND	56	50	ug/kg	88	3.6	SW846 8260B
Chloroform	ND	56	50	ug/kg	89		SW846 8260B
	ND	56	47	ug/kg	84	6.5	SW846 8260B
Chloromethane	ND	56	43	ug/kg	76		SW846 8260B
	ND	56	41	ug/kg	73	4.0	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	56	43	ug/kg	76		SW846 8260B
	ND	56	32	ug/kg	57 p	28	SW846 8260B
1,2-Dibromoethane (EDB)	ND	56	53	ug/kg	94		SW846 8260B
	ND	56	46	ug/kg	81	15	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4A1X1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160617-004 L4A1X1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dibromomethane	ND	56	49	ug/kg	86		SW846 8260B
	ND	56	43	ug/kg	76	12	SW846 8260B
Dichlorodifluoromethane	ND	56	48	ug/kg	85		SW846 8260B
	ND	56	45	ug/kg	80	5.8	SW846 8260B
1,1-Dichloroethane	ND	56	51	ug/kg	91		SW846 8260B
	ND	56	49	ug/kg	87	5.0	SW846 8260B
1,2-Dichloroethane	ND	56	45	ug/kg	81		SW846 8260B
	ND	56	41	ug/kg	73	11	SW846 8260B
cis-1,2-Dichloroethene	ND	56	53	ug/kg	94		SW846 8260B
	ND	56	50	ug/kg	89	5.3	SW846 8260B
trans-1,2-Dichloroethene	ND	56	54	ug/kg	96		SW846 8260B
	ND	56	52	ug/kg	92	4.7	SW846 8260B
1,1-Dichloroethene	**ND**	**56**	**56**	**ug/kg**	**99**		**SW846 8260B**
	ND	**56**	**54**	**ug/kg**	**96**	**2.5**	**SW846 8260B**
1,2-Dichloropropane	ND	56	48	ug/kg	85		SW846 8260B
	ND	56	45	ug/kg	79	7.8	SW846 8260B
cis-1,3-Dichloropropene	ND	56	39	ug/kg	69		SW846 8260B
	ND	56	36	ug/kg	63	8.5	SW846 8260B
trans-1,3-Dichloropropene	ND	56	42	ug/kg	75		SW846 8260B
	ND	56	38	ug/kg	67	11	SW846 8260B
Ethylbenzene	0.32	56	45	ug/kg	78		SW846 8260B
	0.32	56	42	ug/kg	74	5.2	SW846 8260B
2-Hexanone	ND	110	98	ug/kg	87		SW846 8260B
	ND	110	80	ug/kg	71	20	SW846 8260B
Iodomethane	ND	56	56	ug/kg	100		SW846 8260B
	ND	56	54	ug/kg	95	4.8	SW846 8260B
Methylene chloride	18	56	69	ug/kg	90		SW846 8260B
	18	56	67	ug/kg	87	2.5	SW846 8260B
4-Methyl-2-pentanone (MIB	ND	110	110	ug/kg	97		SW846 8260B
	ND	110	91	ug/kg	80	19	SW846 8260B
Styrene	ND	56	38	ug/kg	68		SW846 8260B
	ND	56	36	ug/kg	63	7.4	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	56	49	ug/kg	87		SW846 8260B
	ND	56	46	ug/kg	81	7.0	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	56	82	ug/kg	145		SW846 8260B
	ND	56	68	ug/kg	121	18	SW846 8260B
Tetrachloroethene	1.2	56	45	ug/kg	78		SW846 8260B
	1.2	56	46	ug/kg	79	1.2	SW846 8260B
Toluene	**2.0**	**56**	**54**	**ug/kg**	**93**		**SW846 8260B**
	2.0	**56**	**51**	**ug/kg**	**86**	**6.8**	**SW846 8260B**
1,1,1-Trichloroethane	ND	56	49	ug/kg	87		SW846 8260B
	ND	56	47	ug/kg	83	5.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 0G22521 **Work Order #...:** L4A1X1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G160617-004 L4A1X1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	ND	56	59	ug/kg	105		SW846 8260B
	ND	56	52	ug/kg	91	14	SW846 8260B
Trichloroethene	**ND**	**56**	**43**	**ug/kg**	**76**		**SW846 8260B**
	ND	**56**	**42**	**ug/kg**	**73**	**3.8**	**SW846 8260B**
Trichlorofluoromethane	ND	56	48	ug/kg	86		SW846 8260B
	ND	56	48	ug/kg	84	1.8	SW846 8260B
1,2,3-Trichloropropane	ND	56	80	ug/kg	142 a		SW846 8260B
	ND	56	68	ug/kg	121	16	SW846 8260B
Vinyl chloride	ND	56	50	ug/kg	89		SW846 8260B
	ND	56	48	ug/kg	85	5.0	SW846 8260B
Xylenes (total)	0.79	170	130	ug/kg	78		SW846 8260B
	0.79	170	130	ug/kg	74	4.8	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
	90	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	81	(61 - 130)
Toluene-d8	113	(60 - 143)
	112	(60 - 143)
4-Bromofluorobenzene	134	(47 - 158)
	134	(47 - 158)

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.

a Spiked analyte recovery is outside stated control limits.

GCMS SEMIVOLATILE DATA

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-001 **Work Order #...:** L4JXJ1AE **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/26/10
Prep Batch #...: 0203292
Dilution Factor: 1 **Initial Wgt/Vol:** 29.85 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 4.0 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	100	ug/kg	23
Acenaphthene	ND	6.9	ug/kg	3.4
Acenaphthylene	ND	6.9	ug/kg	3.4
Acetophenone	ND	100	ug/kg	9.6
2-Acetylaminofluorene	ND	340	ug/kg	120
4-Aminobiphenyl	ND	340	ug/kg	100
Aniline	ND	340	ug/kg	83
Anthracene	ND	6.9	ug/kg	3.4
Aramite	ND	340	ug/kg	5.0
Benzo(a)anthracene	ND	6.9	ug/kg	3.4
Benzo(a)pyrene	ND	6.9	ug/kg	3.4
Benzo(b)fluoranthene	ND	6.9	ug/kg	3.4
Benzo(ghi)perylene	ND	6.9	ug/kg	3.4
Benzo(k)fluoranthene	ND	6.9	ug/kg	3.4
Benzyl alcohol	ND	340	ug/kg	22
4-Bromophenyl phenyl ether	ND	52	ug/kg	14
Butyl benzyl phthalate	ND	52	ug/kg	10
2-sec-Butyl-4,6-dinitro-phenol	ND	340	ug/kg	110
4-Chloroaniline	ND	160	ug/kg	18
Chlorobenzilate	ND	340	ug/kg	3.5
bis(2-Chloroethoxy) methane	ND	100	ug/kg	23
bis(2-Chloroethyl)-ether	ND	100	ug/kg	2.1
bis(2-Chloro-1-methylethyl) ether	ND	100	ug/kg	9.9
4-Chloro-3-methylphenol	ND	160	ug/kg	22
2-Chloronaphthalene	ND	52	ug/kg	3.4
2-Chlorophenol	ND	52	ug/kg	28
4-Chlorophenyl phenyl ether	ND	52	ug/kg	14
Chrysene	ND	6.9	ug/kg	1.1
Diallate	ND	340	ug/kg	4.8
Dibenz(a,h)anthracene	ND	6.9	ug/kg	3.4
Dibenzofuran	ND	52	ug/kg	3.4
Di-n-butyl phthalate	ND	52	ug/kg	16

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-001 **Work Order #...:** L4JXJ1AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	52	ug/kg	10
1,3-Dichlorobenzene	ND	52	ug/kg	11
1,4-Dichlorobenzene	ND	52	ug/kg	21
3,3'-Dichlorobenzidine	ND	100	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	21
2,6-Dichlorophenol	ND	210	ug/kg	4.2
Diethyl phthalate	ND	52	ug/kg	17
p-Dimethylaminoazobenzene	ND	340	ug/kg	3.5
7,12-Dimethylbenz(a)-anthracene	ND	340	ug/kg	120
3,3'-Dimethylbenzidine	ND	340	ug/kg	66
a,a-Dimethylphenethyl-amine	ND	690	ug/kg	110
2,4-Dimethylphenol	ND	160	ug/kg	21
Dimethyl phthalate	ND	52	ug/kg	18
1,3-Dinitrobenzene	ND	340	ug/kg	120
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	83
2,4-Dinitrophenol	ND	340	ug/kg	83
2,4-Dinitrotoluene	ND	210	ug/kg	28
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	52	ug/kg	28
Diphenylamine	ND	100	ug/kg	22
bis(2-Ethylhexyl) phthalate	**26 J,B**	**52**	**ug/kg**	**20**
Ethyl methanesulfonate	ND	340	ug/kg	4.2
Fluoranthene	**23**	**6.9**	**ug/kg**	**3.4**
Fluorene	ND	6.9	ug/kg	3.4
Hexachlorobenzene	ND	6.9	ug/kg	2.2
Hexachlorobutadiene	ND	52	ug/kg	28
Hexachlorocyclopenta-diene	ND	340	ug/kg	28
Hexachloroethane	ND	52	ug/kg	9.4
Hexachloropropene	ND	340	ug/kg	4.8
Indeno(1,2,3-cd)pyrene	ND	6.9	ug/kg	3.4
Isophorone	ND	52	ug/kg	14
Isosafrole	ND	340	ug/kg	4.1
Methapyrilene	ND	340	ug/kg	120
3-Methylcholanthrene	ND	210	ug/kg	120
Methyl methanesulfonate	ND	340	ug/kg	4.3
2-Methylnaphthalene	ND	6.9	ug/kg	3.4
2-Methylphenol	ND	210	ug/kg	83
3-Methylphenol	ND	210	ug/kg	4.5

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-001 **Work Order #...:** L4JXJ1AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	210	ug/kg	83
Naphthalene	ND	6.9	ug/kg	3.4
1,4-Naphthoquinone	ND	340	ug/kg	110
1-Naphthylamine	ND	340	ug/kg	3.8
2-Naphthylamine	ND	210	ug/kg	3.9
2-Nitroaniline	ND	210	ug/kg	9.5
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	27
Nitrobenzene	ND	100	ug/kg	2.3
2-Nitrophenol	ND	52	ug/kg	28
4-Nitrophenol	ND	340	ug/kg	83
4-Nitroquinoline-1-oxide	ND	340	ug/kg	89
N-Nitrosodi-n-butylamine	ND	100	ug/kg	7.8
N-Nitrosodiethylamine	ND	100	ug/kg	4.5
N-Nitrosodimethylamine	ND	100	ug/kg	17
N-Nitrosodiphenylamine	ND	52	ug/kg	22
N-Nitrosodi-n-propylamine	ND	52	ug/kg	28
N-Nitrosomethylethylamine	ND	100	ug/kg	5.4
N-Nitrosomorpholine	ND	340	ug/kg	5.3
N-Nitrosopiperidine	ND	340	ug/kg	110
N-Nitrosopyrrolidine	ND	52	ug/kg	4.1
5-Nitro-o-toluidine	ND	340	ug/kg	4.8
Pentachlorobenzene	ND	100	ug/kg	5.6
Pentachloroethane	ND	340	ug/kg	4.7
Pentachloronitrobenzene	ND	340	ug/kg	6.2
Pentachlorophenol	ND	160	ug/kg	83
Phenacetin	ND	340	ug/kg	7.0
Phenanthrene	ND	6.9	ug/kg	3.4
Phenol	ND	52	ug/kg	28
p-Phenylene diamine	ND	690	ug/kg	64
2-Picoline	ND	340	ug/kg	5.1
Pronamide	ND	340	ug/kg	5.0
Pyrene	ND	6.9	ug/kg	3.4
Pyridine	ND	100	ug/kg	28
Safrole	ND	340	ug/kg	4.5
1,2,4,5-Tetrachlorobenzene	ND	100	ug/kg	5.5
2,3,4,6-Tetrachlorophenol	ND	100	ug/kg	22
o-Toluidine	ND	340	ug/kg	5.1
1,2,4-Trichlorobenzene	ND	52	ug/kg	28

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-001 **Work Order #...:** L4JXJ1AE **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	160	ug/kg	26
2,4,6-Trichloro-phenol	ND	160	ug/kg	83
1,3,5-Trinitrobenzene	ND	1700	ug/kg	100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	42	(24 - 112)
2-Fluorobiphenyl	46	(34 - 110)
Terphenyl-d14	80	(41 - 119)
Phenol-d5	41	(28 - 110)
2-Fluorophenol	54	(26 - 110)
2,4,6-Tribromophenol	36	(10 - 118)

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.

United States Steel Corporation

ES-SL-SW003-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-001 **Work Order #:** L4JXJ1AE **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-002 **Work Order #...:** L4JXQ2AL **Matrix.....:** SL
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 16 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	120	ug/kg	26
Acenaphthene	ND	8.0	ug/kg	3.9
Acenaphthylene	ND	8.0	ug/kg	3.9
Acetophenone	ND	120	ug/kg	11
2-Acetylaminofluorene	ND	390	ug/kg	140
4-Aminobiphenyl	ND	390	ug/kg	120
Aniline	ND	390	ug/kg	96
Anthracene	ND	8.0	ug/kg	3.9
Aramite	ND	390	ug/kg	5.7
Benzo(a)anthracene	**10**	**8.0**	**ug/kg**	**3.9**
Benzo(a)pyrene	**12**	**8.0**	**ug/kg**	**3.9**
Benzo(b)fluoranthene	**20**	**8.0**	**ug/kg**	**3.9**
Benzo(ghi)perylene	**13**	**8.0**	**ug/kg**	**3.9**
Benzo(k)fluoranthene	ND	8.0	ug/kg	3.9
Benzyl alcohol	ND	390	ug/kg	25
4-Bromophenyl phenyl ether	ND	60	ug/kg	16
Butyl benzyl phthalate	ND	60	ug/kg	12
2-sec-Butyl-4,6-dinitro-phenol	ND	390	ug/kg	130
4-Chloroaniline	ND	180	ug/kg	20
Chlorobenzilate	ND	390	ug/kg	4.1
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.4
bis(2-Chloro-1-methylethyl) ether	ND	120	ug/kg	11
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	60	ug/kg	3.9
2-Chlorophenol	ND	60	ug/kg	32
4-Chlorophenyl phenyl ether	ND	60	ug/kg	16
Chrysene	**14**	**8.0**	**ug/kg**	**1.3**
Diallate	ND	390	ug/kg	5.5
Dibenz(a,h)anthracene	ND	8.0	ug/kg	3.9
Dibenzofuran	ND	60	ug/kg	3.9
Di-n-butyl phthalate	ND	60	ug/kg	18

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-002 **Work Order #...:** L4JXQ2AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	60	ug/kg	12
1,3-Dichlorobenzene	ND	60	ug/kg	13
1,4-Dichlorobenzene	ND	60	ug/kg	24
3,3'-Dichlorobenzidine	ND	120	ug/kg	22
2,4-Dichlorophenol	ND	180	ug/kg	24
2,6-Dichlorophenol	ND	240	ug/kg	4.8
Diethyl phthalate	ND	60	ug/kg	19
p-Dimethylaminoazobenzene	ND	390	ug/kg	4.1
7,12-Dimethylbenz(a)-anthracene	ND	390	ug/kg	140
3,3'-Dimethylbenzidine	ND	390	ug/kg	75
a,a-Dimethylphenethylamine	ND	790	ug/kg	130
2,4-Dimethylphenol	ND	180	ug/kg	24
Dimethyl phthalate	ND	60	ug/kg	20
1,3-Dinitrobenzene	ND	390	ug/kg	140
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	96
2,4-Dinitrophenol	ND	390	ug/kg	96
2,4-Dinitrotoluene	ND	240	ug/kg	32
2,6-Dinitrotoluene	ND	240	ug/kg	25
Di-n-octyl phthalate	ND	60	ug/kg	32
Diphenylamine	ND	120	ug/kg	25
bis(2-Ethylhexyl) phthalate	ND	60	ug/kg	23
Ethyl methanesulfonate	ND	390	ug/kg	4.8
Fluoranthene	**14**	**8.0**	**ug/kg**	**3.9**
Fluorene	ND	8.0	ug/kg	3.9
Hexachlorobenzene	ND	8.0	ug/kg	2.5
Hexachlorobutadiene	ND	60	ug/kg	32
Hexachlorocyclopentadiene	ND	390	ug/kg	32
Hexachloroethane	ND	60	ug/kg	11
Hexachloropropene	ND	390	ug/kg	5.5
Indeno(1,2,3-cd)pyrene	**9.3**	**8.0**	**ug/kg**	**3.9**
Isophorone	ND	60	ug/kg	16
Isosafrole	ND	390	ug/kg	4.7
Methapyrilene	ND	390	ug/kg	140
3-Methylcholanthrene	ND	240	ug/kg	140
Methyl methanesulfonate	ND	390	ug/kg	4.9
2-Methylnaphthalene	ND	8.0	ug/kg	3.9
2-Methylphenol	ND	240	ug/kg	96
3-Methylphenol	ND	240	ug/kg	5.1

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-002 **Work Order #...:** L4JXQ2AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	240	ug/kg	96
Naphthalene	ND	8.0	ug/kg	3.9
1,4-Naphthoquinone	ND	390	ug/kg	130
1-Naphthylamine	ND	390	ug/kg	4.3
2-Naphthylamine	ND	240	ug/kg	4.4
2-Nitroaniline	ND	240	ug/kg	11
3-Nitroaniline	ND	240	ug/kg	19
4-Nitroaniline	ND	240	ug/kg	31
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	60	ug/kg	32
4-Nitrophenol	ND	390	ug/kg	96
4-Nitroquinoline-1-oxide	ND	390	ug/kg	100
N-Nitrosodi-n-butylamine	ND	120	ug/kg	9.0
N-Nitrosodiethylamine	ND	120	ug/kg	5.1
N-Nitrosodimethylamine	ND	120	ug/kg	19
N-Nitrosodiphenylamine	ND	60	ug/kg	25
N-Nitrosodi-n-propylamine	ND	60	ug/kg	32
N-Nitrosomethylethylamine	ND	120	ug/kg	6.2
N-Nitrosomorpholine	ND	390	ug/kg	6.1
N-Nitrosopiperidine	ND	390	ug/kg	130
N-Nitrosopyrrolidine	ND	60	ug/kg	4.7
5-Nitro-o-toluidine	ND	390	ug/kg	5.5
Pentachlorobenzene	ND	120	ug/kg	6.5
Pentachloroethane	ND	390	ug/kg	5.4
Pentachloronitrobenzene	ND	390	ug/kg	7.2
Pentachlorophenol	ND	180	ug/kg	96
Phenacetin	ND	390	ug/kg	8.0
Phenanthrene	ND	8.0	ug/kg	3.9
Phenol	ND	60	ug/kg	32
p-Phenylene diamine	ND	790	ug/kg	73
2-Picoline	ND	390	ug/kg	5.9
Pronamide	ND	390	ug/kg	5.7
Pyrene	**13**	**8.0**	**ug/kg**	**3.9**
Pyridine	ND	120	ug/kg	32
Safrole	ND	390	ug/kg	5.1
1,2,4,5-Tetrachlorobenzene	ND	120	ug/kg	6.3
2,3,4,6-Tetrachlorophenol	ND	120	ug/kg	25
o-Toluidine	ND	390	ug/kg	5.9
1,2,4-Trichlorobenzene	ND	60	ug/kg	32

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-002 **Work Order #...:** L4JXQ2AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	180	ug/kg	30
2,4,6-Trichloro-phenol	ND	180	ug/kg	96
1,3,5-Trinitrobenzene	ND	1900	ug/kg	120

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(24 - 112)
2-Fluorobiphenyl	54	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	57	(28 - 110)
2-Fluorophenol	59	(26 - 110)
2,4,6-Tribromophenol	62	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

ES-SL-SW002-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-002 **Work Order #:** L4JXQ2AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-003 **Work Order #...:** L4JXR2A4 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.17 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	110	ug/kg	25
Acenaphthene	ND	7.5	ug/kg	3.7
Acenaphthylene	ND	7.5	ug/kg	3.7
Acetophenone	ND	110	ug/kg	10
2-Acetylaminofluorene	ND	370	ug/kg	130
4-Aminobiphenyl	ND	370	ug/kg	110
Aniline	ND	370	ug/kg	90
Anthracene	ND	7.5	ug/kg	3.7
Aramite	ND	370	ug/kg	5.4
Benzo(a)anthracene	ND	7.5	ug/kg	3.7
Benzo(a)pyrene	ND	7.5	ug/kg	3.7
Benzo(b)fluoranthene	**12**	**7.5**	**ug/kg**	**3.7**
Benzo(ghi)perylene	ND	7.5	ug/kg	3.7
Benzo(k)fluoranthene	ND	7.5	ug/kg	3.7
Benzyl alcohol	ND	370	ug/kg	24
4-Bromophenyl phenyl ether	ND	56	ug/kg	15
Butyl benzyl phthalate	ND	56	ug/kg	11
2-sec-Butyl-4,6-dinitro-phenol	ND	370	ug/kg	120
4-Chloroaniline	ND	170	ug/kg	19
Chlorobenzilate	ND	370	ug/kg	3.8
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Chloro-1-methylethyl) ether	ND	110	ug/kg	11
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	56	ug/kg	3.7
2-Chlorophenol	ND	56	ug/kg	30
4-Chlorophenyl phenyl ether	ND	56	ug/kg	15
Chrysene	**9.2**	**7.5**	**ug/kg**	**1.2**
Diallate	ND	370	ug/kg	5.2
Dibenz(a,h)anthracene	ND	7.5	ug/kg	3.7
Dibenzofuran	ND	56	ug/kg	3.7
Di-n-butyl phthalate	ND	56	ug/kg	17

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-003 **Work Order #...:** L4JXR2A4 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	56	ug/kg	11
1,3-Dichlorobenzene	ND	56	ug/kg	12
1,4-Dichlorobenzene	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
2,6-Dichlorophenol	ND	220	ug/kg	4.5
Diethyl phthalate	ND	56	ug/kg	18
p-Dimethylaminoazobenzene	ND	370	ug/kg	3.8
7,12-Dimethylbenz(a)-anthracene	ND	370	ug/kg	130
3,3'-Dimethylbenzidine	ND	370	ug/kg	71
a,a-Dimethylphenethylamine	ND	740	ug/kg	120
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	19
1,3-Dinitrobenzene	ND	370	ug/kg	130
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	90
2,4-Dinitrophenol	ND	370	ug/kg	90
2,4-Dinitrotoluene	ND	220	ug/kg	30
2,6-Dinitrotoluene	ND	220	ug/kg	24
Di-n-octyl phthalate	ND	56	ug/kg	30
Diphenylamine	ND	110	ug/kg	24
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	21
Ethyl methanesulfonate	ND	370	ug/kg	4.5
Fluoranthene	**16**	**7.5**	**ug/kg**	**3.7**
Fluorene	ND	7.5	ug/kg	3.7
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	56	ug/kg	30
Hexachlorocyclopentadiene	ND	370	ug/kg	30
Hexachloroethane	ND	56	ug/kg	10
Hexachloropropene	ND	370	ug/kg	5.2
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	3.7
Isophorone	ND	56	ug/kg	15
Isosafrole	ND	370	ug/kg	4.4
Methapyrilene	ND	370	ug/kg	130
3-Methylcholanthrene	ND	220	ug/kg	130
Methyl methanesulfonate	ND	370	ug/kg	4.6
2-Methylnaphthalene	ND	7.5	ug/kg	3.7
2-Methylphenol	ND	220	ug/kg	90
3-Methylphenol	ND	220	ug/kg	4.8

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-003 **Work Order #...:** L4JXR2A4 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	220	ug/kg	90
Naphthalene	ND	7.5	ug/kg	3.7
1,4-Naphthoquinone	ND	370	ug/kg	120
1-Naphthylamine	ND	370	ug/kg	4.0
2-Naphthylamine	ND	220	ug/kg	4.2
2-Nitroaniline	ND	220	ug/kg	10
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	30
4-Nitrophenol	ND	370	ug/kg	90
4-Nitroquinoline-1-oxide	ND	370	ug/kg	96
N-Nitrosodi-n-butylamine	ND	110	ug/kg	8.4
N-Nitrosodiethylamine	ND	110	ug/kg	4.8
N-Nitrosodimethylamine	ND	110	ug/kg	18
N-Nitrosodiphenylamine	ND	56	ug/kg	24
N-Nitrosodi-n-propylamine	ND	56	ug/kg	30
N-Nitrosomethylethylamine	ND	110	ug/kg	5.8
N-Nitrosomorpholine	ND	370	ug/kg	5.7
N-Nitrosopiperidine	ND	370	ug/kg	120
N-Nitrosopyrrolidine	ND	56	ug/kg	4.4
5-Nitro-o-toluidine	ND	370	ug/kg	5.2
Pentachlorobenzene	ND	110	ug/kg	6.1
Pentachloroethane	ND	370	ug/kg	5.1
Pentachloronitrobenzene	ND	370	ug/kg	6.7
Pentachlorophenol	ND	170	ug/kg	90
Phenacetin	ND	370	ug/kg	7.5
Phenanthrene	ND	7.5	ug/kg	3.7
Phenol	ND	56	ug/kg	30
p-Phenylene diamine	ND	740	ug/kg	69
2-Picoline	ND	370	ug/kg	5.5
Pronamide	ND	370	ug/kg	5.4
Pyrene	**10**	**7.5**	**ug/kg**	**3.7**
Pyridine	ND	110	ug/kg	30
Safrole	ND	370	ug/kg	4.8
1,2,4,5-Tetrachlorobenzene	ND	110	ug/kg	6.0
2,3,4,6-Tetrachlorophenol	ND	110	ug/kg	24
o-Toluidine	ND	370	ug/kg	5.5
1,2,4-Trichlorobenzene	ND	56	ug/kg	30

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-003 **Work Order #...:** L4JXR2A4 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	90
1,3,5-Trinitrobenzene	ND	1800	ug/kg	110

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
Terphenyl-d14	91	(41 - 119)
Phenol-d5	60	(28 - 110)
2-Fluorophenol	63	(26 - 110)
2,4,6-Tribromophenol	67	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

ES-SL-SE004-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-003 **Work Order #:** L4JXR2A4 **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-004 **Work Order #...:** L4JXW2AL **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.2 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 5.5 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	110	ug/kg	23
Acenaphthene	ND	7.1	ug/kg	3.5
Acenaphthylene	ND	7.1	ug/kg	3.5
Acetophenone	ND	110	ug/kg	9.7
2-Acetylaminofluorene	ND	350	ug/kg	130
4-Aminobiphenyl	ND	350	ug/kg	100
Aniline	ND	350	ug/kg	85
Anthracene	ND	7.1	ug/kg	3.5
Aramite	ND	350	ug/kg	5.1
Benzo(a)anthracene	**8.0**	**7.1**	**ug/kg**	**3.5**
Benzo(a)pyrene	**8.1**	**7.1**	**ug/kg**	**3.5**
Benzo(b)fluoranthene	**13**	**7.1**	**ug/kg**	**3.5**
Benzo(ghi)perylene	**8.3**	**7.1**	**ug/kg**	**3.5**
Benzo(k)fluoranthene	ND	7.1	ug/kg	3.5
Benzyl alcohol	ND	350	ug/kg	22
4-Bromophenyl phenyl ether	ND	53	ug/kg	14
Butyl benzyl phthalate	ND	53	ug/kg	11
2-sec-Butyl-4,6-dinitro-phenol	ND	350	ug/kg	120
4-Chloroaniline	ND	160	ug/kg	18
Chlorobenzilate	ND	350	ug/kg	3.6
bis(2-Chloroethoxy) methane	ND	110	ug/kg	23
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.1
bis(2-Chloro-1-methylethyl) ether	ND	110	ug/kg	10
4-Chloro-3-methylphenol	ND	160	ug/kg	22
2-Chloronaphthalene	ND	53	ug/kg	3.5
2-Chlorophenol	ND	53	ug/kg	29
4-Chlorophenyl phenyl ether	ND	53	ug/kg	14
Chrysene	**8.9**	**7.1**	**ug/kg**	**1.2**
Diallate	ND	350	ug/kg	4.9
Dibenz(a,h)anthracene	ND	7.1	ug/kg	3.5
Dibenzofuran	ND	53	ug/kg	3.5
Di-n-butyl phthalate	ND	53	ug/kg	16

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-004 **Work Order #...:** L4JXW2AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	53	ug/kg	10
1,3-Dichlorobenzene	ND	53	ug/kg	12
1,4-Dichlorobenzene	ND	53	ug/kg	21
3,3'-Dichlorobenzidine	ND	110	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	21
2,6-Dichlorophenol	ND	210	ug/kg	4.2
Diethyl phthalate	ND	53	ug/kg	17
p-Dimethylaminoazobenzene	ND	350	ug/kg	3.6
7,12-Dimethylbenz(a)-anthracene	ND	350	ug/kg	130
3,3'-Dimethylbenzidine	ND	350	ug/kg	67
a,a-Dimethylphenethylamine	ND	700	ug/kg	120
2,4-Dimethylphenol	ND	160	ug/kg	21
Dimethyl phthalate	ND	53	ug/kg	18
1,3-Dinitrobenzene	ND	350	ug/kg	130
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	85
2,4-Dinitrophenol	ND	350	ug/kg	85
2,4-Dinitrotoluene	ND	210	ug/kg	29
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	53	ug/kg	29
Diphenylamine	ND	110	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	53	ug/kg	20
Ethyl methanesulfonate	ND	350	ug/kg	4.2
Fluoranthene	**17**	**7.1**	**ug/kg**	**3.5**
Fluorene	ND	7.1	ug/kg	3.5
Hexachlorobenzene	ND	7.1	ug/kg	2.2
Hexachlorobutadiene	ND	53	ug/kg	29
Hexachlorocyclopentadiene	ND	350	ug/kg	29
Hexachloroethane	ND	53	ug/kg	9.5
Hexachloropropene	ND	350	ug/kg	4.9
Indeno(1,2,3-cd)pyrene	ND	7.1	ug/kg	3.5
Isophorone	ND	53	ug/kg	14
Isosafrole	ND	350	ug/kg	4.1
Methapyrilene	ND	350	ug/kg	130
3-Methylcholanthrene	ND	210	ug/kg	130
Methyl methanesulfonate	ND	350	ug/kg	4.3
2-Methylnaphthalene	ND	7.1	ug/kg	3.5
2-Methylphenol	ND	210	ug/kg	85
3-Methylphenol	ND	210	ug/kg	4.6

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-004 **Work Order #...:** L4JXW2AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	210	ug/kg	85
Naphthalene	ND	7.1	ug/kg	3.5
1,4-Naphthoquinone	ND	350	ug/kg	120
1-Naphthylamine	ND	350	ug/kg	3.8
2-Naphthylamine	ND	210	ug/kg	3.9
2-Nitroaniline	ND	210	ug/kg	9.6
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.3
2-Nitrophenol	ND	53	ug/kg	29
4-Nitrophenol	ND	350	ug/kg	85
4-Nitroquinoline-1-oxide	ND	350	ug/kg	90
N-Nitrosodi-n-butylamine	ND	110	ug/kg	7.9
N-Nitrosodiethylamine	ND	110	ug/kg	4.6
N-Nitrosodimethylamine	ND	110	ug/kg	17
N-Nitrosodiphenylamine	ND	53	ug/kg	22
N-Nitrosodi-n-propylamine	ND	53	ug/kg	29
N-Nitrosomethylethylamine	ND	110	ug/kg	5.5
N-Nitrosomorpholine	ND	350	ug/kg	5.4
N-Nitrosopiperidine	ND	350	ug/kg	120
N-Nitrosopyrrolidine	ND	53	ug/kg	4.1
5-Nitro-o-toluidine	ND	350	ug/kg	4.9
Pentachlorobenzene	ND	110	ug/kg	5.7
Pentachloroethane	ND	350	ug/kg	4.8
Pentachloronitrobenzene	ND	350	ug/kg	6.4
Pentachlorophenol	ND	160	ug/kg	85
Phenacetin	ND	350	ug/kg	7.1
Phenanthrene	ND	7.1	ug/kg	3.5
Phenol	ND	53	ug/kg	29
p-Phenylene diamine	ND	700	ug/kg	65
2-Picoline	ND	350	ug/kg	5.2
Pronamide	ND	350	ug/kg	5.1
Pyrene	**12**	**7.1**	**ug/kg**	**3.5**
Pyridine	ND	110	ug/kg	29
Safrole	ND	350	ug/kg	4.6
1,2,4,5-Tetrachlorobenzene	ND	110	ug/kg	5.6
2,3,4,6-Tetrachlorophenol	ND	110	ug/kg	22
o-Toluidine	ND	350	ug/kg	5.2
1,2,4-Trichlorobenzene	ND	53	ug/kg	29

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-004 **Work Order #...:** L4JXW2AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	160	ug/kg	26
2,4,6-Trichloro-phenol	ND	160	ug/kg	85
1,3,5-Trinitrobenzene	ND	1700	ug/kg	110

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(24 - 112)
2-Fluorobiphenyl	53	(34 - 110)
Terphenyl-d14	78	(41 - 119)
Phenol-d5	55	(28 - 110)
2-Fluorophenol	58	(26 - 110)
2,4,6-Tribromophenol	47	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

ES-SL-SE003-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-004 **Work Order #:** L4JXW2AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-005 **Work Order #...:** L4JX02AL **Matrix.....:** SL
Date Sampled...: 07/21/10 08:30 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.16 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 2.1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	100	ug/kg	22
Acenaphthene	ND	6.8	ug/kg	3.4
Acenaphthylene	ND	6.8	ug/kg	3.4
Acetophenone	ND	100	ug/kg	9.4
2-Acetylaminofluorene	ND	340	ug/kg	120
4-Aminobiphenyl	ND	340	ug/kg	99
Aniline	ND	340	ug/kg	82
Anthracene	ND	6.8	ug/kg	3.4
Aramite	ND	340	ug/kg	4.9
Benzo(a)anthracene	**8.0**	**6.8**	**ug/kg**	**3.4**
Benzo(a)pyrene	ND	6.8	ug/kg	3.4
Benzo(b)fluoranthene	**16**	**6.8**	**ug/kg**	**3.4**
Benzo(ghi)perylene	**8.2**	**6.8**	**ug/kg**	**3.4**
Benzo(k)fluoranthene	ND	6.8	ug/kg	3.4
Benzyl alcohol	ND	340	ug/kg	21
4-Bromophenyl phenyl ether	ND	51	ug/kg	13
Butyl benzyl phthalate	ND	51	ug/kg	10
2-sec-Butyl-4,6-dinitro-phenol	ND	340	ug/kg	110
4-Chloroaniline	ND	150	ug/kg	17
Chlorobenzilate	ND	340	ug/kg	3.5
bis(2-Chloroethoxy) methane	ND	100	ug/kg	22
bis(2-Chloroethyl)-ether	ND	100	ug/kg	2.0
bis(2-Chloro-1-methylethyl) ether	ND	100	ug/kg	9.7
4-Chloro-3-methylphenol	ND	150	ug/kg	21
2-Chloronaphthalene	ND	51	ug/kg	3.4
2-Chlorophenol	ND	51	ug/kg	28
4-Chlorophenyl phenyl ether	ND	51	ug/kg	13
Chrysene	**10**	**6.8**	**ug/kg**	**1.1**
Diallate	ND	340	ug/kg	4.7
Dibenz(a,h)anthracene	ND	6.8	ug/kg	3.4
Dibenzofuran	ND	51	ug/kg	3.4
Di-n-butyl phthalate	ND	51	ug/kg	15

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-005 **Work Order #...:** L4JX02AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	51	ug/kg	9.9
1,3-Dichlorobenzene	ND	51	ug/kg	11
1,4-Dichlorobenzene	ND	51	ug/kg	20
3,3'-Dichlorobenzidine	ND	100	ug/kg	18
2,4-Dichlorophenol	ND	150	ug/kg	20
2,6-Dichlorophenol	ND	200	ug/kg	4.1
Diethyl phthalate	ND	51	ug/kg	16
p-Dimethylaminoazobenzene	ND	340	ug/kg	3.5
7,12-Dimethylbenz(a)-anthracene	ND	340	ug/kg	120
3,3'-Dimethylbenzidine	ND	340	ug/kg	64
a,a-Dimethylphenethylamine	ND	670	ug/kg	110
2,4-Dimethylphenol	ND	150	ug/kg	20
Dimethyl phthalate	ND	51	ug/kg	17
1,3-Dinitrobenzene	ND	340	ug/kg	120
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	82
2,4-Dinitrophenol	ND	340	ug/kg	82
2,4-Dinitrotoluene	ND	200	ug/kg	28
2,6-Dinitrotoluene	ND	200	ug/kg	21
Di-n-octyl phthalate	ND	51	ug/kg	28
Diphenylamine	ND	100	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	51	ug/kg	19
Ethyl methanesulfonate	ND	340	ug/kg	4.1
Fluoranthene	**17**	**6.8**	**ug/kg**	**3.4**
Fluorene	ND	6.8	ug/kg	3.4
Hexachlorobenzene	ND	6.8	ug/kg	2.1
Hexachlorobutadiene	ND	51	ug/kg	28
Hexachlorocyclopentadiene	ND	340	ug/kg	28
Hexachloroethane	ND	51	ug/kg	9.2
Hexachloropropene	ND	340	ug/kg	4.7
Indeno(1,2,3-cd)pyrene	ND	6.8	ug/kg	3.4
Isophorone	ND	51	ug/kg	13
Isosafrole	ND	340	ug/kg	4.0
Methapyrilene	ND	340	ug/kg	120
3-Methylcholanthrene	ND	200	ug/kg	120
Methyl methanesulfonate	ND	340	ug/kg	4.2
2-Methylnaphthalene	ND	6.8	ug/kg	3.4
2-Methylphenol	ND	200	ug/kg	82
3-Methylphenol	ND	200	ug/kg	4.4

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-005 **Work Order #...:** L4JX02AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	200	ug/kg	82
Naphthalene	ND	6.8	ug/kg	3.4
1,4-Naphthoquinone	ND	340	ug/kg	110
1-Naphthylamine	ND	340	ug/kg	3.7
2-Naphthylamine	ND	200	ug/kg	3.8
2-Nitroaniline	ND	200	ug/kg	9.3
3-Nitroaniline	ND	200	ug/kg	16
4-Nitroaniline	ND	200	ug/kg	27
Nitrobenzene	ND	100	ug/kg	2.2
2-Nitrophenol	ND	51	ug/kg	28
4-Nitrophenol	ND	340	ug/kg	82
4-Nitroquinoline-1-oxide	ND	340	ug/kg	87
N-Nitrosodi-n-butylamine	ND	100	ug/kg	7.7
N-Nitrosodiethylamine	ND	100	ug/kg	4.4
N-Nitrosodimethylamine	ND	100	ug/kg	16
N-Nitrosodiphenylamine	ND	51	ug/kg	21
N-Nitrosodi-n-propylamine	ND	51	ug/kg	28
N-Nitrosomethylethylamine	ND	100	ug/kg	5.3
N-Nitrosomorpholine	ND	340	ug/kg	5.2
N-Nitrosopiperidine	ND	340	ug/kg	110
N-Nitrosopyrrolidine	ND	51	ug/kg	4.0
5-Nitro-o-toluidine	ND	340	ug/kg	4.7
Pentachlorobenzene	ND	100	ug/kg	5.5
Pentachloroethane	ND	340	ug/kg	4.6
Pentachloronitrobenzene	ND	340	ug/kg	6.1
Pentachlorophenol	ND	150	ug/kg	82
Phenacetin	ND	340	ug/kg	6.8
Phenanthrene	ND	6.8	ug/kg	3.4
Phenol	ND	51	ug/kg	28
p-Phenylene diamine	ND	670	ug/kg	62
2-Picoline	ND	340	ug/kg	5.0
Pronamide	ND	340	ug/kg	4.9
Pyrene	**10**	**6.8**	**ug/kg**	**3.4**
Pyridine	ND	100	ug/kg	28
Safrole	ND	340	ug/kg	4.4
1,2,4,5-Tetrachlorobenzene	ND	100	ug/kg	5.4
2,3,4,6-Tetrachlorophenol	ND	100	ug/kg	21
o-Toluidine	ND	340	ug/kg	5.0
1,2,4-Trichlorobenzene	ND	51	ug/kg	28

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-005 **Work Order #...:** L4JX02AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	150	ug/kg	26
2,4,6-Trichloro-phenol	ND	150	ug/kg	82
1,3,5-Trinitrobenzene	ND	1600	ug/kg	100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(24 - 112)
2-Fluorobiphenyl	53	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	54	(28 - 110)
2-Fluorophenol	57	(26 - 110)
2,4,6-Tribromophenol	52	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

ES-SL-SE002-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-005 **Work Order #:** L4JX02AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-006 **Work Order #...:** L4JX12AL **Matrix.....:** SL
Date Sampled...: 07/21/10 08:40 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.17 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 3.5 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	100	ug/kg	23
Acenaphthene	ND	6.9	ug/kg	3.4
Acenaphthylene	ND	6.9	ug/kg	3.4
Acetophenone	ND	100	ug/kg	9.5
2-Acetylaminofluorene	ND	340	ug/kg	120
4-Aminobiphenyl	ND	340	ug/kg	100
Aniline	ND	340	ug/kg	83
Anthracene	ND	6.9	ug/kg	3.4
Aramite	ND	340	ug/kg	5.0
Benzo(a)anthracene	**18**	**6.9**	**ug/kg**	**3.4**
Benzo(a)pyrene	**16**	**6.9**	**ug/kg**	**3.4**
Benzo(b)fluoranthene	**29**	**6.9**	**ug/kg**	**3.4**
Benzo(ghi)perylene	**15**	**6.9**	**ug/kg**	**3.4**
Benzo(k)fluoranthene	**12**	**6.9**	**ug/kg**	**3.4**
Benzyl alcohol	ND	340	ug/kg	22
4-Bromophenyl phenyl ether	ND	52	ug/kg	13
Butyl benzyl phthalate	ND	52	ug/kg	10
2-sec-Butyl-4,6-dinitro-phenol	ND	340	ug/kg	110
4-Chloroaniline	ND	160	ug/kg	18
Chlorobenzilate	ND	340	ug/kg	3.5
bis(2-Chloroethoxy) methane	ND	100	ug/kg	23
bis(2-Chloroethyl)-ether	ND	100	ug/kg	2.1
bis(2-Chloro-1-methylethyl) ether	ND	100	ug/kg	9.8
4-Chloro-3-methylphenol	ND	160	ug/kg	22
2-Chloronaphthalene	ND	52	ug/kg	3.4
2-Chlorophenol	ND	52	ug/kg	28
4-Chlorophenyl phenyl ether	ND	52	ug/kg	13
Chrysene	**22**	**6.9**	**ug/kg**	**1.1**
Diallate	ND	340	ug/kg	4.8
Dibenz(a,h)anthracene	ND	6.9	ug/kg	3.4
Dibenzofuran	ND	52	ug/kg	3.4
Di-n-butyl phthalate	ND	52	ug/kg	16

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-006 **Work Order #...:** L4JX12AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	52	ug/kg	10
1,3-Dichlorobenzene	ND	52	ug/kg	11
1,4-Dichlorobenzene	ND	52	ug/kg	21
3,3'-Dichlorobenzidine	ND	100	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	21
2,6-Dichlorophenol	ND	210	ug/kg	4.1
Diethyl phthalate	ND	52	ug/kg	17
p-Dimethylaminoazobenzene	ND	340	ug/kg	3.5
7,12-Dimethylbenz(a)-anthracene	ND	340	ug/kg	120
3,3'-Dimethylbenzidine	ND	340	ug/kg	65
a,a-Dimethylphenethylamine	ND	680	ug/kg	110
2,4-Dimethylphenol	ND	160	ug/kg	21
Dimethyl phthalate	ND	52	ug/kg	18
1,3-Dinitrobenzene	ND	340	ug/kg	120
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	83
2,4-Dinitrophenol	ND	340	ug/kg	83
2,4-Dinitrotoluene	ND	210	ug/kg	28
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	52	ug/kg	28
Diphenylamine	ND	100	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	52	ug/kg	20
Ethyl methanesulfonate	ND	340	ug/kg	4.1
Fluoranthene	**23**	**6.9**	**ug/kg**	**3.4**
Fluorene	ND	6.9	ug/kg	3.4
Hexachlorobenzene	ND	6.9	ug/kg	2.2
Hexachlorobutadiene	ND	52	ug/kg	28
Hexachlorocyclopentadiene	ND	340	ug/kg	28
Hexachloroethane	ND	52	ug/kg	9.3
Hexachloropropene	ND	340	ug/kg	4.8
Indeno(1,2,3-cd)pyrene	**12**	**6.9**	**ug/kg**	**3.4**
Isophorone	ND	52	ug/kg	13
Isosafrole	ND	340	ug/kg	4.0
Methapyrilene	ND	340	ug/kg	120
3-Methylcholanthrene	ND	210	ug/kg	120
Methyl methanesulfonate	ND	340	ug/kg	4.3
2-Methylnaphthalene	ND	6.9	ug/kg	3.4
2-Methylphenol	ND	210	ug/kg	83
3-Methylphenol	ND	210	ug/kg	4.5

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-006 **Work Order #...:** L4JX12AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	210	ug/kg	83
Naphthalene	ND	6.9	ug/kg	3.4
1,4-Naphthoquinone	ND	340	ug/kg	110
1-Naphthylamine	ND	340	ug/kg	3.7
2-Naphthylamine	ND	210	ug/kg	3.8
2-Nitroaniline	ND	210	ug/kg	9.4
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	27
Nitrobenzene	ND	100	ug/kg	2.3
2-Nitrophenol	ND	52	ug/kg	28
4-Nitrophenol	ND	340	ug/kg	83
4-Nitroquinoline-1-oxide	ND	340	ug/kg	88
N-Nitrosodi-n-butylamine	ND	100	ug/kg	7.8
N-Nitrosodiethylamine	ND	100	ug/kg	4.5
N-Nitrosodimethylamine	ND	100	ug/kg	17
N-Nitrosodiphenylamine	ND	52	ug/kg	22
N-Nitrosodi-n-propylamine	ND	52	ug/kg	28
N-Nitrosomethylethylamine	ND	100	ug/kg	5.4
N-Nitrosomorpholine	ND	340	ug/kg	5.3
N-Nitrosopiperidine	ND	340	ug/kg	110
N-Nitrosopyrrolidine	ND	52	ug/kg	4.0
5-Nitro-o-toluidine	ND	340	ug/kg	4.8
Pentachlorobenzene	ND	100	ug/kg	5.6
Pentachloroethane	ND	340	ug/kg	4.7
Pentachloronitrobenzene	ND	340	ug/kg	6.2
Pentachlorophenol	ND	160	ug/kg	83
Phenacetin	ND	340	ug/kg	6.9
Phenanthrene	ND	6.9	ug/kg	3.4
Phenol	ND	52	ug/kg	28
p-Phenylene diamine	ND	680	ug/kg	63
2-Picoline	ND	340	ug/kg	5.1
Pronamide	ND	340	ug/kg	5.0
Pyrene	**19**	**6.9**	**ug/kg**	**3.4**
Pyridine	ND	100	ug/kg	28
Safrole	ND	340	ug/kg	4.5
1,2,4,5-Tetrachlorobenzene	ND	100	ug/kg	5.5
2,3,4,6-Tetrachlorophenol	ND	100	ug/kg	22
o-Toluidine	ND	340	ug/kg	5.1
1,2,4-Trichlorobenzene	ND	52	ug/kg	28

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-006 **Work Order #...:** L4JX12AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	160	ug/kg	26
2,4,6-Trichloro-phenol	ND	160	ug/kg	83
1,3,5-Trinitrobenzene	ND	1700	ug/kg	100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	48	(24 - 112)
2-Fluorobiphenyl	50	(34 - 110)
Terphenyl-d14	86	(41 - 119)
Phenol-d5	49	(28 - 110)
2-Fluorophenol	53	(26 - 110)
2,4,6-Tribromophenol	48	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

ES-SL-SE001-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-006 **Work Order #:** L4JX12AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-007 **Work Order #...:** L4JX22AL **Matrix.....:** SL
Date Sampled...: 07/21/10 08:45 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.17 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 16 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	120	ug/kg	26
Acenaphthene	ND	7.9	ug/kg	3.9
Acenaphthylene	ND	7.9	ug/kg	3.9
Acetophenone	ND	120	ug/kg	11
2-Acetylaminofluorene	ND	390	ug/kg	140
4-Aminobiphenyl	ND	390	ug/kg	120
Aniline	ND	390	ug/kg	95
Anthracene	ND	7.9	ug/kg	3.9
Aramite	ND	390	ug/kg	5.7
Benzo(a)anthracene	ND	7.9	ug/kg	3.9
Benzo(a)pyrene	ND	7.9	ug/kg	3.9
Benzo(b)fluoranthene	**9.0**	**7.9**	**ug/kg**	**3.9**
Benzo(ghi)perylene	ND	7.9	ug/kg	3.9
Benzo(k)fluoranthene	ND	7.9	ug/kg	3.9
Benzyl alcohol	ND	390	ug/kg	25
4-Bromophenyl phenyl ether	ND	59	ug/kg	15
Butyl benzyl phthalate	ND	59	ug/kg	12
2-sec-Butyl-4,6-dinitro-phenol	ND	390	ug/kg	130
4-Chloroaniline	ND	180	ug/kg	20
Chlorobenzilate	ND	390	ug/kg	4.0
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.4
bis(2-Chloro-1-methylethyl) ether	ND	120	ug/kg	11
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	59	ug/kg	3.9
2-Chlorophenol	ND	59	ug/kg	32
4-Chlorophenyl phenyl ether	ND	59	ug/kg	15
Chrysene	ND	7.9	ug/kg	1.3
Diallate	ND	390	ug/kg	5.5
Dibenz(a,h)anthracene	ND	7.9	ug/kg	3.9
Dibenzofuran	ND	59	ug/kg	3.9
Di-n-butyl phthalate	**29 J**	**59**	**ug/kg**	**18**

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-007 **Work Order #...:** L4JX22AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	59	ug/kg	12
1,3-Dichlorobenzene	ND	59	ug/kg	13
1,4-Dichlorobenzene	ND	59	ug/kg	24
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	180	ug/kg	24
2,6-Dichlorophenol	ND	240	ug/kg	4.8
Diethyl phthalate	ND	59	ug/kg	19
p-Dimethylaminoazobenzene	ND	390	ug/kg	4.0
7,12-Dimethylbenz(a)-anthracene	ND	390	ug/kg	140
3,3'-Dimethylbenzidine	ND	390	ug/kg	75
a,a-Dimethylphenethyl-amine	ND	790	ug/kg	130
2,4-Dimethylphenol	ND	180	ug/kg	24
Dimethyl phthalate	ND	59	ug/kg	20
1,3-Dinitrobenzene	ND	390	ug/kg	140
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	95
2,4-Dinitrophenol	ND	390	ug/kg	95
2,4-Dinitrotoluene	ND	240	ug/kg	32
2,6-Dinitrotoluene	ND	240	ug/kg	25
Di-n-octyl phthalate	ND	59	ug/kg	32
Diphenylamine	ND	120	ug/kg	25
bis(2-Ethylhexyl) phthalate	**88**	**59**	**ug/kg**	**23**
Ethyl methanesulfonate	ND	390	ug/kg	4.8
Fluoranthene	**9.4**	**7.9**	**ug/kg**	**3.9**
Fluorene	ND	7.9	ug/kg	3.9
Hexachlorobenzene	ND	7.9	ug/kg	2.5
Hexachlorobutadiene	ND	59	ug/kg	32
Hexachlorocyclopenta-diene	ND	390	ug/kg	32
Hexachloroethane	ND	59	ug/kg	11
Hexachloropropene	ND	390	ug/kg	5.5
Indeno(1,2,3-cd)pyrene	ND	7.9	ug/kg	3.9
Isophorone	ND	59	ug/kg	15
Isosafrole	ND	390	ug/kg	4.6
Methapyrilene	ND	390	ug/kg	140
3-Methylcholanthrene	ND	240	ug/kg	140
Methyl methanesulfonate	ND	390	ug/kg	4.9
2-Methylnaphthalene	ND	7.9	ug/kg	3.9
2-Methylphenol	ND	240	ug/kg	95
3-Methylphenol	ND	240	ug/kg	5.1

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-007 **Work Order #...:** L4JX22AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	240	ug/kg	95
Naphthalene	ND	7.9	ug/kg	3.9
1,4-Naphthoquinone	ND	390	ug/kg	130
1-Naphthylamine	ND	390	ug/kg	4.3
2-Naphthylamine	ND	240	ug/kg	4.4
2-Nitroaniline	ND	240	ug/kg	11
3-Nitroaniline	ND	240	ug/kg	19
4-Nitroaniline	ND	240	ug/kg	31
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	59	ug/kg	32
4-Nitrophenol	ND	390	ug/kg	95
4-Nitroquinoline-1-oxide	ND	390	ug/kg	100
N-Nitrosodi-n-butylamine	ND	120	ug/kg	8.9
N-Nitrosodiethylamine	ND	120	ug/kg	5.1
N-Nitrosodimethylamine	ND	120	ug/kg	19
N-Nitrosodiphenylamine	ND	59	ug/kg	25
N-Nitrosodi-n-propylamine	ND	59	ug/kg	32
N-Nitrosomethylethylamine	ND	120	ug/kg	6.2
N-Nitrosomorpholine	ND	390	ug/kg	6.1
N-Nitrosopiperidine	ND	390	ug/kg	130
N-Nitrosopyrrolidine	ND	59	ug/kg	4.6
5-Nitro-o-toluidine	ND	390	ug/kg	5.5
Pentachlorobenzene	ND	120	ug/kg	6.4
Pentachloroethane	ND	390	ug/kg	5.4
Pentachloronitrobenzene	ND	390	ug/kg	7.1
Pentachlorophenol	ND	180	ug/kg	95
Phenacetin	ND	390	ug/kg	8.0
Phenanthrene	ND	7.9	ug/kg	3.9
Phenol	ND	59	ug/kg	32
p-Phenylene diamine	ND	790	ug/kg	73
2-Picoline	ND	390	ug/kg	5.8
Pronamide	ND	390	ug/kg	5.7
Pyrene	ND	7.9	ug/kg	3.9
Pyridine	ND	120	ug/kg	32
Safrole	ND	390	ug/kg	5.1
1,2,4,5-Tetrachlorobenzene	ND	120	ug/kg	6.3
2,3,4,6-Tetrachlorophenol	ND	120	ug/kg	25
o-Toluidine	ND	390	ug/kg	5.8
1,2,4-Trichlorobenzene	ND	59	ug/kg	32

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-007 **Work Order #...:** L4JX22AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	180	ug/kg	30
2,4,6-Trichloro-phenol	ND	180	ug/kg	95
1,3,5-Trinitrobenzene	ND	1900	ug/kg	120

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(24 - 112)
2-Fluorobiphenyl	57	(34 - 110)
Terphenyl-d14	98	(41 - 119)
Phenol-d5	66	(28 - 110)
2-Fluorophenol	67	(26 - 110)
2,4,6-Tribromophenol	59	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

United States Steel Corporation

ES-SL-SW001-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-007 **Work Order #:** L4JX22AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-008 **Work Order #...:** L4JX32AL **Matrix.....:** SL
Date Sampled...: 07/21/10 08:50 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.18 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 3.8 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	100	ug/kg	23
Acenaphthene	ND	6.9	ug/kg	3.4
Acenaphthylene	ND	6.9	ug/kg	3.4
Acetophenone	ND	100	ug/kg	9.6
2-Acetylaminofluorene	ND	340	ug/kg	120
4-Aminobiphenyl	ND	340	ug/kg	100
Aniline	ND	340	ug/kg	83
Anthracene	ND	6.9	ug/kg	3.4
Aramite	ND	340	ug/kg	5.0
Benzo(a)anthracene	**11**	**6.9**	**ug/kg**	**3.4**
Benzo(a)pyrene	**13**	**6.9**	**ug/kg**	**3.4**
Benzo(b)fluoranthene	**21**	**6.9**	**ug/kg**	**3.4**
Benzo(ghi)perylene	**13**	**6.9**	**ug/kg**	**3.4**
Benzo(k)fluoranthene	**8.1**	**6.9**	**ug/kg**	**3.4**
Benzyl alcohol	ND	340	ug/kg	22
4-Bromophenyl phenyl ether	ND	52	ug/kg	14
Butyl benzyl phthalate	ND	52	ug/kg	10
2-sec-Butyl-4,6-dinitro-phenol	ND	340	ug/kg	110
4-Chloroaniline	ND	160	ug/kg	18
Chlorobenzilate	ND	340	ug/kg	3.5
bis(2-Chloroethoxy) methane	ND	100	ug/kg	23
bis(2-Chloroethyl)-ether	ND	100	ug/kg	2.1
bis(2-Chloro-1-methylethyl) ether	ND	100	ug/kg	9.9
4-Chloro-3-methylphenol	ND	160	ug/kg	22
2-Chloronaphthalene	ND	52	ug/kg	3.4
2-Chlorophenol	ND	52	ug/kg	28
4-Chlorophenyl phenyl ether	ND	52	ug/kg	14
Chrysene	**14**	**6.9**	**ug/kg**	**1.1**
Diallate	ND	340	ug/kg	4.8
Dibenz(a,h)anthracene	ND	6.9	ug/kg	3.4
Dibenzofuran	ND	52	ug/kg	3.4
Di-n-butyl phthalate	ND	52	ug/kg	16

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-008 **Work Order #...:** L4JX32AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	52	ug/kg	10
1,3-Dichlorobenzene	ND	52	ug/kg	11
1,4-Dichlorobenzene	ND	52	ug/kg	21
3,3'-Dichlorobenzidine	ND	100	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	21
2,6-Dichlorophenol	ND	210	ug/kg	4.2
Diethyl phthalate	ND	52	ug/kg	17
p-Dimethylaminoazobenzene	ND	340	ug/kg	3.5
7,12-Dimethylbenz(a)-anthracene	ND	340	ug/kg	120
3,3'-Dimethylbenzidine	ND	340	ug/kg	65
a,a-Dimethylphenethylamine	ND	690	ug/kg	110
2,4-Dimethylphenol	ND	160	ug/kg	21
Dimethyl phthalate	ND	52	ug/kg	18
1,3-Dinitrobenzene	ND	340	ug/kg	120
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	83
2,4-Dinitrophenol	ND	340	ug/kg	83
2,4-Dinitrotoluene	ND	210	ug/kg	28
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	52	ug/kg	28
Diphenylamine	ND	100	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	52	ug/kg	20
Ethyl methanesulfonate	ND	340	ug/kg	4.2
Fluoranthene	**17**	**6.9**	**ug/kg**	**3.4**
Fluorene	ND	6.9	ug/kg	3.4
Hexachlorobenzene	ND	6.9	ug/kg	2.2
Hexachlorobutadiene	ND	52	ug/kg	28
Hexachlorocyclopentadiene	ND	340	ug/kg	28
Hexachloroethane	ND	52	ug/kg	9.4
Hexachloropropene	ND	340	ug/kg	4.8
Indeno(1,2,3-cd)pyrene	**9.5**	**6.9**	**ug/kg**	**3.4**
Isophorone	ND	52	ug/kg	14
Isosafrole	ND	340	ug/kg	4.1
Methapyrilene	ND	340	ug/kg	120
3-Methylcholanthrene	ND	210	ug/kg	120
Methyl methanesulfonate	ND	340	ug/kg	4.3
2-Methylnaphthalene	ND	6.9	ug/kg	3.4
2-Methylphenol	ND	210	ug/kg	83
3-Methylphenol	ND	210	ug/kg	4.5

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-008 **Work Order #...:** L4JX32AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	210	ug/kg	83
Naphthalene	ND	6.9	ug/kg	3.4
1,4-Naphthoquinone	ND	340	ug/kg	110
1-Naphthylamine	ND	340	ug/kg	3.7
2-Naphthylamine	ND	210	ug/kg	3.8
2-Nitroaniline	ND	210	ug/kg	9.5
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	27
Nitrobenzene	ND	100	ug/kg	2.3
2-Nitrophenol	ND	52	ug/kg	28
4-Nitrophenol	ND	340	ug/kg	83
4-Nitroquinoline-1-oxide	ND	340	ug/kg	88
N-Nitrosodi-n-butylamine	ND	100	ug/kg	7.8
N-Nitrosodiethylamine	ND	100	ug/kg	4.5
N-Nitrosodimethylamine	ND	100	ug/kg	17
N-Nitrosodiphenylamine	ND	52	ug/kg	22
N-Nitrosodi-n-propylamine	ND	52	ug/kg	28
N-Nitrosomethylethylamine	ND	100	ug/kg	5.4
N-Nitrosomorpholine	ND	340	ug/kg	5.3
N-Nitrosopiperidine	ND	340	ug/kg	110
N-Nitrosopyrrolidine	ND	52	ug/kg	4.1
5-Nitro-o-toluidine	ND	340	ug/kg	4.8
Pentachlorobenzene	ND	100	ug/kg	5.6
Pentachloroethane	ND	340	ug/kg	4.7
Pentachloronitrobenzene	ND	340	ug/kg	6.2
Pentachlorophenol	ND	160	ug/kg	83
Phenacetin	ND	340	ug/kg	7.0
Phenanthrene	ND	6.9	ug/kg	3.4
Phenol	ND	52	ug/kg	28
p-Phenylene diamine	ND	690	ug/kg	63
2-Picoline	ND	340	ug/kg	5.1
Pronamide	ND	340	ug/kg	5.0
Pyrene	**13**	**6.9**	**ug/kg**	**3.4**
Pyridine	ND	100	ug/kg	28
Safrole	ND	340	ug/kg	4.5
1,2,4,5-Tetrachlorobenzene	ND	100	ug/kg	5.5
2,3,4,6-Tetrachlorophenol	ND	100	ug/kg	22
o-Toluidine	ND	340	ug/kg	5.1
1,2,4-Trichlorobenzene	ND	52	ug/kg	28

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-008 **Work Order #...:** L4JX32AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	160	ug/kg	26
2,4,6-Trichloro-phenol	ND	160	ug/kg	83
1,3,5-Trinitrobenzene	ND	1700	ug/kg	100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
Terphenyl-d14	85	(41 - 119)
Phenol-d5	69	(28 - 110)
2-Fluorophenol	72	(26 - 110)
2,4,6-Tribromophenol	49	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

ES-SL-SW004-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-008 **Work Order #:** L4JX32AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-009 **Work Order #...:** L4JX41AL **Matrix.....:** SL
Date Sampled...: 07/21/10 09:00 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/26/10
Prep Batch #...: 0203292
Dilution Factor: 1 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 3.4 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	100	ug/kg	23
Acenaphthene	ND	6.9	ug/kg	3.4
Acenaphthylene	ND	6.9	ug/kg	3.4
Acetophenone	ND	100	ug/kg	9.5
2-Acetylaminofluorene	ND	340	ug/kg	120
4-Aminobiphenyl	ND	340	ug/kg	100
Aniline	ND	340	ug/kg	83
Anthracene	ND	6.9	ug/kg	3.4
Aramite	ND	340	ug/kg	5.0
Benzo(a)anthracene	**23**	**6.9**	**ug/kg**	**3.4**
Benzo(a)pyrene	**23**	**6.9**	**ug/kg**	**3.4**
Benzo(b)fluoranthene	**38**	**6.9**	**ug/kg**	**3.4**
Benzo(ghi)perylene	**23**	**6.9**	**ug/kg**	**3.4**
Benzo(k)fluoranthene	**18**	**6.9**	**ug/kg**	**3.4**
Benzyl alcohol	ND	340	ug/kg	22
4-Bromophenyl phenyl ether	ND	52	ug/kg	13
Butyl benzyl phthalate	ND	52	ug/kg	10
2-sec-Butyl-4,6-dinitro-phenol	ND	340	ug/kg	110
4-Chloroaniline	ND	160	ug/kg	18
Chlorobenzilate	ND	340	ug/kg	3.5
bis(2-Chloroethoxy) methane	ND	100	ug/kg	23
bis(2-Chloroethyl)-ether	ND	100	ug/kg	2.1
bis(2-Chloro-1-methylethyl) ether	ND	100	ug/kg	9.8
4-Chloro-3-methylphenol	ND	160	ug/kg	22
2-Chloronaphthalene	ND	52	ug/kg	3.4
2-Chlorophenol	ND	52	ug/kg	28
4-Chlorophenyl phenyl ether	ND	52	ug/kg	13
Chrysene	**31**	**6.9**	**ug/kg**	**1.1**
Diallate	ND	340	ug/kg	4.8
Dibenz(a,h)anthracene	ND	6.9	ug/kg	3.4
Dibenzofuran	ND	52	ug/kg	3.4
Di-n-butyl phthalate	ND	52	ug/kg	16

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-009 **Work Order #...:** L4JX41AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	52	ug/kg	10
1,3-Dichlorobenzene	ND	52	ug/kg	11
1,4-Dichlorobenzene	ND	52	ug/kg	21
3,3'-Dichlorobenzidine	ND	100	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	21
2,6-Dichlorophenol	ND	210	ug/kg	4.1
Diethyl phthalate	ND	52	ug/kg	17
p-Dimethylaminoazobenzene	ND	340	ug/kg	3.5
7,12-Dimethylbenz(a)-anthracene	ND	340	ug/kg	120
3,3'-Dimethylbenzidine	ND	340	ug/kg	65
a,a-Dimethylphenethylamine	ND	680	ug/kg	110
2,4-Dimethylphenol	ND	160	ug/kg	21
Dimethyl phthalate	ND	52	ug/kg	18
1,3-Dinitrobenzene	ND	340	ug/kg	120
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	83
2,4-Dinitrophenol	ND	340	ug/kg	83
2,4-Dinitrotoluene	ND	210	ug/kg	28
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	52	ug/kg	28
Diphenylamine	ND	100	ug/kg	22
bis(2-Ethylhexyl) phthalate	**24 J,B**	**52**	**ug/kg**	**20**
Ethyl methanesulfonate	ND	340	ug/kg	4.1
Fluoranthene	**62**	**6.9**	**ug/kg**	**3.4**
Fluorene	ND	6.9	ug/kg	3.4
Hexachlorobenzene	ND	6.9	ug/kg	2.2
Hexachlorobutadiene	ND	52	ug/kg	28
Hexachlorocyclopentadiene	ND	340	ug/kg	28
Hexachloroethane	ND	52	ug/kg	9.3
Hexachloropropene	ND	340	ug/kg	4.8
Indeno(1,2,3-cd)pyrene	**17**	**6.9**	**ug/kg**	**3.4**
Isophorone	ND	52	ug/kg	13
Isosafrole	ND	340	ug/kg	4.0
Methapyrilene	ND	340	ug/kg	120
3-Methylcholanthrene	ND	210	ug/kg	120
Methyl methanesulfonate	ND	340	ug/kg	4.2
2-Methylnaphthalene	ND	6.9	ug/kg	3.4
2-Methylphenol	ND	210	ug/kg	83
3-Methylphenol	ND	210	ug/kg	4.5

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-009 **Work Order #...:** L4JX41AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	210	ug/kg	83
Naphthalene	ND	6.9	ug/kg	3.4
1,4-Naphthoquinone	ND	340	ug/kg	110
1-Naphthylamine	ND	340	ug/kg	3.7
2-Naphthylamine	ND	210	ug/kg	3.8
2-Nitroaniline	ND	210	ug/kg	9.4
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	27
Nitrobenzene	ND	100	ug/kg	2.3
2-Nitrophenol	ND	52	ug/kg	28
4-Nitrophenol	ND	340	ug/kg	83
4-Nitroquinoline-1-oxide	ND	340	ug/kg	88
N-Nitrosodi-n-butylamine	ND	100	ug/kg	7.8
N-Nitrosodiethylamine	ND	100	ug/kg	4.5
N-Nitrosodimethylamine	ND	100	ug/kg	17
N-Nitrosodiphenylamine	ND	52	ug/kg	22
N-Nitrosodi-n-propylamine	ND	52	ug/kg	28
N-Nitrosomethylethylamine	ND	100	ug/kg	5.4
N-Nitrosomorpholine	ND	340	ug/kg	5.3
N-Nitrosopiperidine	ND	340	ug/kg	110
N-Nitrosopyrrolidine	ND	52	ug/kg	4.0
5-Nitro-o-toluidine	ND	340	ug/kg	4.8
Pentachlorobenzene	ND	100	ug/kg	5.6
Pentachloroethane	ND	340	ug/kg	4.7
Pentachloronitrobenzene	ND	340	ug/kg	6.2
Pentachlorophenol	ND	160	ug/kg	83
Phenacetin	ND	340	ug/kg	6.9
Phenanthrene	**20**	**6.9**	**ug/kg**	**3.4**
Phenol	ND	52	ug/kg	28
p-Phenylene diamine	ND	680	ug/kg	63
2-Picoline	ND	340	ug/kg	5.1
Pronamide	ND	340	ug/kg	5.0
Pyrene	**33**	**6.9**	**ug/kg**	**3.4**
Pyridine	ND	100	ug/kg	28
Safrole	ND	340	ug/kg	4.5
1,2,4,5-Tetrachlorobenzene	ND	100	ug/kg	5.5
2,3,4,6-Tetrachlorophenol	ND	100	ug/kg	22
o-Toluidine	ND	340	ug/kg	5.1
1,2,4-Trichlorobenzene	ND	52	ug/kg	28

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-009 **Work Order #...:** L4JX41AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	160	ug/kg	26
2,4,6-Trichloro-phenol	ND	160	ug/kg	83
1,3,5-Trinitrobenzene	ND	1700	ug/kg	100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	46	(24 - 112)
2-Fluorobiphenyl	47	(34 - 110)
Terphenyl-d14	69	(41 - 119)
Phenol-d5	43	(28 - 110)
2-Fluorophenol	51	(26 - 110)
2,4,6-Tribromophenol	17	(10 - 118)

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.

United States Steel Corporation

ES-SL-NE003-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-009 **Work Order #:** L4JX41AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-010 **Work Order #...:** L4JX52AL **Matrix.....:** SL
Date Sampled...: 07/21/10 09:05 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 4.0 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	100	ug/kg	23
Acenaphthene	ND	7.0	ug/kg	3.4
Acenaphthylene	ND	7.0	ug/kg	3.4
Acetophenone	ND	100	ug/kg	9.6
2-Acetylaminofluorene	ND	340	ug/kg	130
4-Aminobiphenyl	ND	340	ug/kg	100
Aniline	ND	340	ug/kg	83
Anthracene	ND	7.0	ug/kg	3.4
Aramite	ND	340	ug/kg	5.0
Benzo(a)anthracene	**25**	**7.0**	**ug/kg**	**3.4**
Benzo(a)pyrene	**29**	**7.0**	**ug/kg**	**3.4**
Benzo(b)fluoranthene	**49**	**7.0**	**ug/kg**	**3.4**
Benzo(ghi)perylene	**28**	**7.0**	**ug/kg**	**3.4**
Benzo(k)fluoranthene	**17**	**7.0**	**ug/kg**	**3.4**
Benzyl alcohol	ND	340	ug/kg	22
4-Bromophenyl phenyl ether	ND	52	ug/kg	14
Butyl benzyl phthalate	ND	52	ug/kg	10
2-sec-Butyl-4,6-dinitro-phenol	ND	340	ug/kg	110
4-Chloroaniline	ND	160	ug/kg	18
Chlorobenzilate	ND	340	ug/kg	3.5
bis(2-Chloroethoxy) methane	ND	100	ug/kg	23
bis(2-Chloroethyl)-ether	ND	100	ug/kg	2.1
bis(2-Chloro-1-methylethyl) ether	ND	100	ug/kg	9.9
4-Chloro-3-methylphenol	ND	160	ug/kg	22
2-Chloronaphthalene	ND	52	ug/kg	3.4
2-Chlorophenol	ND	52	ug/kg	28
4-Chlorophenyl phenyl ether	ND	52	ug/kg	14
Chrysene	**28**	**7.0**	**ug/kg**	**1.1**
Diallate	ND	340	ug/kg	4.8
Dibenz(a,h)anthracene	ND	7.0	ug/kg	3.4
Dibenzofuran	ND	52	ug/kg	3.4
Di-n-butyl phthalate	**21 J**	**52**	**ug/kg**	**16**

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-010 **Work Order #...:** L4JX52AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	52	ug/kg	10
1,3-Dichlorobenzene	ND	52	ug/kg	11
1,4-Dichlorobenzene	ND	52	ug/kg	21
3,3'-Dichlorobenzidine	ND	100	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	21
2,6-Dichlorophenol	ND	210	ug/kg	4.2
Diethyl phthalate	ND	52	ug/kg	17
p-Dimethylaminoazobenzene	ND	340	ug/kg	3.5
7,12-Dimethylbenz(a)-anthracene	ND	340	ug/kg	130
3,3'-Dimethylbenzidine	ND	340	ug/kg	66
a,a-Dimethylphenethyl-amine	ND	690	ug/kg	110
2,4-Dimethylphenol	ND	160	ug/kg	21
Dimethyl phthalate	ND	52	ug/kg	18
1,3-Dinitrobenzene	ND	340	ug/kg	130
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	83
2,4-Dinitrophenol	ND	340	ug/kg	83
2,4-Dinitrotoluene	ND	210	ug/kg	28
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	52	ug/kg	28
Diphenylamine	ND	100	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	52	ug/kg	20
Ethyl methanesulfonate	ND	340	ug/kg	4.2
Fluoranthene	**48**	**7.0**	**ug/kg**	**3.4**
Fluorene	ND	7.0	ug/kg	3.4
Hexachlorobenzene	ND	7.0	ug/kg	2.2
Hexachlorobutadiene	ND	52	ug/kg	28
Hexachlorocyclopenta-diene	ND	340	ug/kg	28
Hexachloroethane	ND	52	ug/kg	9.4
Hexachloropropene	ND	340	ug/kg	4.8
Indeno(1,2,3-cd)pyrene	**21**	**7.0**	**ug/kg**	**3.4**
Isophorone	ND	52	ug/kg	14
Isosafrole	ND	340	ug/kg	4.1
Methapyrilene	ND	340	ug/kg	130
3-Methylcholanthrene	ND	210	ug/kg	130
Methyl methanesulfonate	ND	340	ug/kg	4.3
2-Methylnaphthalene	ND	7.0	ug/kg	3.4
2-Methylphenol	ND	210	ug/kg	83
3-Methylphenol	ND	210	ug/kg	4.5

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-010 **Work Order #...:** L4JX52AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	210	ug/kg	83
Naphthalene	ND	7.0	ug/kg	3.4
1,4-Naphthoquinone	ND	340	ug/kg	110
1-Naphthylamine	ND	340	ug/kg	3.8
2-Naphthylamine	ND	210	ug/kg	3.9
2-Nitroaniline	ND	210	ug/kg	9.5
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	27
Nitrobenzene	ND	100	ug/kg	2.3
2-Nitrophenol	ND	52	ug/kg	28
4-Nitrophenol	ND	340	ug/kg	83
4-Nitroquinoline-1-oxide	ND	340	ug/kg	89
N-Nitrosodi-n-butylamine	ND	100	ug/kg	7.8
N-Nitrosodiethylamine	ND	100	ug/kg	4.5
N-Nitrosodimethylamine	ND	100	ug/kg	17
N-Nitrosodiphenylamine	ND	52	ug/kg	22
N-Nitrosodi-n-propylamine	ND	52	ug/kg	28
N-Nitrosomethylethylamine	ND	100	ug/kg	5.4
N-Nitrosomorpholine	ND	340	ug/kg	5.3
N-Nitrosopiperidine	ND	340	ug/kg	110
N-Nitrosopyrrolidine	ND	52	ug/kg	4.1
5-Nitro-o-toluidine	ND	340	ug/kg	4.8
Pentachlorobenzene	ND	100	ug/kg	5.6
Pentachloroethane	ND	340	ug/kg	4.7
Pentachloronitrobenzene	ND	340	ug/kg	6.3
Pentachlorophenol	ND	160	ug/kg	83
Phenacetin	ND	340	ug/kg	7.0
Phenanthrene	**35**	**7.0**	**ug/kg**	**3.4**
Phenol	ND	52	ug/kg	28
p-Phenylene diamine	ND	690	ug/kg	64
2-Picoline	ND	340	ug/kg	5.1
Pronamide	ND	340	ug/kg	5.0
Pyrene	**34**	**7.0**	**ug/kg**	**3.4**
Pyridine	ND	100	ug/kg	28
Safrole	ND	340	ug/kg	4.5
1,2,4,5-Tetrachlorobenzene	ND	100	ug/kg	5.5
2,3,4,6-Tetrachlorophenol	ND	100	ug/kg	22
o-Toluidine	ND	340	ug/kg	5.1
1,2,4-Trichlorobenzene	ND	52	ug/kg	28

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-010 **Work Order #...:** L4JX52AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	160	ug/kg	26
2,4,6-Trichloro-phenol	ND	160	ug/kg	83
1,3,5-Trinitrobenzene	ND	1700	ug/kg	100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
Terphenyl-d14	83	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	56	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

United States Steel Corporation

ES-SL-NE004-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-010 **Work Order #:** L4JX52AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-011 **Work Order #...:** L4JX62AL **Matrix.....:** SL
Date Sampled...: 07/21/10 09:15 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 3.2 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	100	ug/kg	23
Acenaphthene	ND	6.9	ug/kg	3.4
Acenaphthylene	ND	6.9	ug/kg	3.4
Acetophenone	ND	100	ug/kg	9.5
2-Acetylaminofluorene	ND	340	ug/kg	120
4-Aminobiphenyl	ND	340	ug/kg	100
Aniline	ND	340	ug/kg	83
Anthracene	ND	6.9	ug/kg	3.4
Aramite	ND	340	ug/kg	5.0
Benzo(a)anthracene	**24**	**6.9**	**ug/kg**	**3.4**
Benzo(a)pyrene	**27**	**6.9**	**ug/kg**	**3.4**
Benzo(b)fluoranthene	**45**	**6.9**	**ug/kg**	**3.4**
Benzo(ghi)perylene	**26**	**6.9**	**ug/kg**	**3.4**
Benzo(k)fluoranthene	**17**	**6.9**	**ug/kg**	**3.4**
Benzyl alcohol	ND	340	ug/kg	22
4-Bromophenyl phenyl ether	ND	52	ug/kg	13
Butyl benzyl phthalate	ND	52	ug/kg	10
2-sec-Butyl-4,6-dinitro-phenol	ND	340	ug/kg	110
4-Chloroaniline	ND	150	ug/kg	18
Chlorobenzilate	ND	340	ug/kg	3.5
bis(2-Chloroethoxy) methane	ND	100	ug/kg	23
bis(2-Chloroethyl)-ether	ND	100	ug/kg	2.1
bis(2-Chloro-1-methylethyl) ether	ND	100	ug/kg	9.8
4-Chloro-3-methylphenol	ND	150	ug/kg	22
2-Chloronaphthalene	ND	52	ug/kg	3.4
2-Chlorophenol	ND	52	ug/kg	28
4-Chlorophenyl phenyl ether	ND	52	ug/kg	13
Chrysene	**30**	**6.9**	**ug/kg**	**1.1**
Diallate	ND	340	ug/kg	4.8
Dibenz(a,h)anthracene	ND	6.9	ug/kg	3.4
Dibenzofuran	ND	52	ug/kg	3.4
Di-n-butyl phthalate	ND	52	ug/kg	15

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-011 **Work Order #...:** L4JX62AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	52	ug/kg	10
1,3-Dichlorobenzene	ND	52	ug/kg	11
1,4-Dichlorobenzene	ND	52	ug/kg	21
3,3'-Dichlorobenzidine	ND	100	ug/kg	19
2,4-Dichlorophenol	ND	150	ug/kg	21
2,6-Dichlorophenol	ND	210	ug/kg	4.1
Diethyl phthalate	ND	52	ug/kg	17
p-Dimethylaminoazobenzene	ND	340	ug/kg	3.5
7,12-Dimethylbenz(a)-anthracene	ND	340	ug/kg	120
3,3'-Dimethylbenzidine	ND	340	ug/kg	65
a,a-Dimethylphenethylamine	ND	680	ug/kg	110
2,4-Dimethylphenol	ND	150	ug/kg	21
Dimethyl phthalate	ND	52	ug/kg	18
1,3-Dinitrobenzene	ND	340	ug/kg	120
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	83
2,4-Dinitrophenol	ND	340	ug/kg	83
2,4-Dinitrotoluene	ND	210	ug/kg	28
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	52	ug/kg	28
Diphenylamine	ND	100	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	52	ug/kg	20
Ethyl methanesulfonate	ND	340	ug/kg	4.1
Fluoranthene	**40**	**6.9**	**ug/kg**	**3.4**
Fluorene	ND	6.9	ug/kg	3.4
Hexachlorobenzene	ND	6.9	ug/kg	2.2
Hexachlorobutadiene	ND	52	ug/kg	28
Hexachlorocyclopentadiene	ND	340	ug/kg	28
Hexachloroethane	ND	52	ug/kg	9.3
Hexachloropropene	ND	340	ug/kg	4.8
Indeno(1,2,3-cd)pyrene	**19**	**6.9**	**ug/kg**	**3.4**
Isophorone	ND	52	ug/kg	13
Isosafrole	ND	340	ug/kg	4.0
Methapyrilene	ND	340	ug/kg	120
3-Methylcholanthrene	ND	210	ug/kg	120
Methyl methanesulfonate	ND	340	ug/kg	4.2
2-Methylnaphthalene	ND	6.9	ug/kg	3.4
2-Methylphenol	ND	210	ug/kg	83
3-Methylphenol	ND	210	ug/kg	4.4

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-011 **Work Order #...:** L4JX62AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	210	ug/kg	83
Naphthalene	ND	6.9	ug/kg	3.4
1,4-Naphthoquinone	ND	340	ug/kg	110
1-Naphthylamine	ND	340	ug/kg	3.7
2-Naphthylamine	ND	210	ug/kg	3.8
2-Nitroaniline	ND	210	ug/kg	9.4
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	27
Nitrobenzene	ND	100	ug/kg	2.3
2-Nitrophenol	ND	52	ug/kg	28
4-Nitrophenol	ND	340	ug/kg	83
4-Nitroquinoline-1-oxide	ND	340	ug/kg	88
N-Nitrosodi-n-butylamine	ND	100	ug/kg	7.7
N-Nitrosodiethylamine	ND	100	ug/kg	4.4
N-Nitrosodimethylamine	ND	100	ug/kg	17
N-Nitrosodiphenylamine	ND	52	ug/kg	22
N-Nitrosodi-n-propylamine	ND	52	ug/kg	28
N-Nitrosomethylethylamine	ND	100	ug/kg	5.4
N-Nitrosomorpholine	ND	340	ug/kg	5.3
N-Nitrosopiperidine	ND	340	ug/kg	110
N-Nitrosopyrrolidine	ND	52	ug/kg	4.0
5-Nitro-o-toluidine	ND	340	ug/kg	4.8
Pentachlorobenzene	ND	100	ug/kg	5.6
Pentachloroethane	ND	340	ug/kg	4.6
Pentachloronitrobenzene	ND	340	ug/kg	6.2
Pentachlorophenol	ND	150	ug/kg	83
Phenacetin	ND	340	ug/kg	6.9
Phenanthrene	**17**	**6.9**	**ug/kg**	**3.4**
Phenol	ND	52	ug/kg	28
p-Phenylene diamine	ND	680	ug/kg	63
2-Picoline	ND	340	ug/kg	5.1
Pronamide	ND	340	ug/kg	5.0
Pyrene	**30**	**6.9**	**ug/kg**	**3.4**
Pyridine	ND	100	ug/kg	28
Safrole	ND	340	ug/kg	4.4
1,2,4,5-Tetrachlorobenzene	ND	100	ug/kg	5.5
2,3,4,6-Tetrachlorophenol	ND	100	ug/kg	22
o-Toluidine	ND	340	ug/kg	5.1
1,2,4-Trichlorobenzene	ND	52	ug/kg	28

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-011 **Work Order #...:** L4JX62AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	150	ug/kg	26
2,4,6-Trichloro-phenol	ND	150	ug/kg	83
1,3,5-Trinitrobenzene	ND	1700	ug/kg	100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(24 - 112)
2-Fluorobiphenyl	58	(34 - 110)
Terphenyl-d14	83	(41 - 119)
Phenol-d5	61	(28 - 110)
2-Fluorophenol	64	(26 - 110)
2,4,6-Tribromophenol	48	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

ES-SL-NE001-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-011 **Work Order #:** L4JX62AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-012 **Work Order #...:** L4JX82AL **Matrix.....:** SL
Date Sampled...: 07/21/10 09:20 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.12 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 3.7 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	100	ug/kg	23
Acenaphthene	ND	6.9	ug/kg	3.4
Acenaphthylene	ND	6.9	ug/kg	3.4
Acetophenone	ND	100	ug/kg	9.6
2-Acetylaminofluorene	ND	340	ug/kg	120
4-Aminobiphenyl	ND	340	ug/kg	100
Aniline	ND	340	ug/kg	83
Anthracene	**18**	**6.9**	**ug/kg**	**3.4**
Aramite	ND	340	ug/kg	5.0
Benzo(a)anthracene	**56**	**6.9**	**ug/kg**	**3.4**
Benzo(a)pyrene	**54**	**6.9**	**ug/kg**	**3.4**
Benzo(b)fluoranthene	**84**	**6.9**	**ug/kg**	**3.4**
Benzo(ghi)perylene	**50**	**6.9**	**ug/kg**	**3.4**
Benzo(k)fluoranthene	**31**	**6.9**	**ug/kg**	**3.4**
Benzyl alcohol	ND	340	ug/kg	22
4-Bromophenyl phenyl ether	ND	52	ug/kg	13
Butyl benzyl phthalate	ND	52	ug/kg	10
2-sec-Butyl-4,6-dinitro-phenol	ND	340	ug/kg	110
4-Chloroaniline	ND	160	ug/kg	18
Chlorobenzilate	ND	340	ug/kg	3.5
bis(2-Chloroethoxy) methane	ND	100	ug/kg	23
bis(2-Chloroethyl)-ether	ND	100	ug/kg	2.1
bis(2-Chloro-1-methylethyl) ether	ND	100	ug/kg	9.9
4-Chloro-3-methylphenol	ND	160	ug/kg	22
2-Chloronaphthalene	ND	52	ug/kg	3.4
2-Chlorophenol	ND	52	ug/kg	28
4-Chlorophenyl phenyl ether	ND	52	ug/kg	13
Chrysene	**58**	**6.9**	**ug/kg**	**1.1**
Diallate	ND	340	ug/kg	4.8
Dibenz(a,h)anthracene	**11**	**6.9**	**ug/kg**	**3.4**
Dibenzofuran	**9.0 J**	**52**	**ug/kg**	**3.4**
Di-n-butyl phthalate	ND	52	ug/kg	16

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-012 **Work Order #...:** L4JX82AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	52	ug/kg	10
1,3-Dichlorobenzene	ND	52	ug/kg	11
1,4-Dichlorobenzene	ND	52	ug/kg	21
3,3'-Dichlorobenzidine	ND	100	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	21
2,6-Dichlorophenol	ND	210	ug/kg	4.2
Diethyl phthalate	ND	52	ug/kg	17
p-Dimethylaminoazobenzene	ND	340	ug/kg	3.5
7,12-Dimethylbenz(a)-anthracene	ND	340	ug/kg	120
3,3'-Dimethylbenzidine	ND	340	ug/kg	65
a,a-Dimethylphenethylamine	ND	690	ug/kg	110
2,4-Dimethylphenol	ND	160	ug/kg	21
Dimethyl phthalate	ND	52	ug/kg	18
1,3-Dinitrobenzene	ND	340	ug/kg	120
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	83
2,4-Dinitrophenol	ND	340	ug/kg	83
2,4-Dinitrotoluene	ND	210	ug/kg	28
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	52	ug/kg	28
Diphenylamine	ND	100	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	52	ug/kg	20
Ethyl methanesulfonate	ND	340	ug/kg	4.2
Fluoranthene	**120**	**6.9**	**ug/kg**	**3.4**
Fluorene	ND	6.9	ug/kg	3.4
Hexachlorobenzene	ND	6.9	ug/kg	2.2
Hexachlorobutadiene	ND	52	ug/kg	28
Hexachlorocyclopentadiene	ND	340	ug/kg	28
Hexachloroethane	ND	52	ug/kg	9.3
Hexachloropropene	ND	340	ug/kg	4.8
Indeno(1,2,3-cd)pyrene	**38**	**6.9**	**ug/kg**	**3.4**
Isophorone	ND	52	ug/kg	13
Isosafrole	ND	340	ug/kg	4.0
Methapyrilene	ND	340	ug/kg	120
3-Methylcholanthrene	ND	210	ug/kg	120
Methyl methanesulfonate	ND	340	ug/kg	4.3
2-Methylnaphthalene	ND	6.9	ug/kg	3.4
2-Methylphenol	ND	210	ug/kg	83
3-Methylphenol	ND	210	ug/kg	4.5

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-012 **Work Order #...:** L4JX82AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	210	ug/kg	83
Naphthalene	ND	6.9	ug/kg	3.4
1,4-Naphthoquinone	ND	340	ug/kg	110
1-Naphthylamine	ND	340	ug/kg	3.7
2-Naphthylamine	ND	210	ug/kg	3.8
2-Nitroaniline	ND	210	ug/kg	9.4
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	27
Nitrobenzene	ND	100	ug/kg	2.3
2-Nitrophenol	ND	52	ug/kg	28
4-Nitrophenol	ND	340	ug/kg	83
4-Nitroquinoline-1-oxide	ND	340	ug/kg	88
N-Nitrosodi-n-butylamine	ND	100	ug/kg	7.8
N-Nitrosodiethylamine	ND	100	ug/kg	4.5
N-Nitrosodimethylamine	ND	100	ug/kg	17
N-Nitrosodiphenylamine	ND	52	ug/kg	22
N-Nitrosodi-n-propylamine	ND	52	ug/kg	28
N-Nitrosomethylethylamine	ND	100	ug/kg	5.4
N-Nitrosomorpholine	ND	340	ug/kg	5.3
N-Nitrosopiperidine	ND	340	ug/kg	110
N-Nitrosopyrrolidine	ND	52	ug/kg	4.0
5-Nitro-o-toluidine	ND	340	ug/kg	4.8
Pentachlorobenzene	ND	100	ug/kg	5.6
Pentachloroethane	ND	340	ug/kg	4.7
Pentachloronitrobenzene	ND	340	ug/kg	6.2
Pentachlorophenol	ND	160	ug/kg	83
Phenacetin	ND	340	ug/kg	7.0
Phenanthrene	**77**	**6.9**	**ug/kg**	**3.4**
Phenol	ND	52	ug/kg	28
p-Phenylene diamine	ND	690	ug/kg	63
2-Picoline	ND	340	ug/kg	5.1
Pronamide	ND	340	ug/kg	5.0
Pyrene	**80**	**6.9**	**ug/kg**	**3.4**
Pyridine	ND	100	ug/kg	28
Safrole	ND	340	ug/kg	4.5
1,2,4,5-Tetrachlorobenzene	ND	100	ug/kg	5.5
2,3,4,6-Tetrachlorophenol	ND	100	ug/kg	22
o-Toluidine	ND	340	ug/kg	5.1
1,2,4-Trichlorobenzene	ND	52	ug/kg	28

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-012 **Work Order #...:** L4JX82AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	160	ug/kg	26
2,4,6-Trichloro-phenol	ND	160	ug/kg	83
1,3,5-Trinitrobenzene	ND	1700	ug/kg	100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(24 - 112)
2-Fluorobiphenyl	60	(34 - 110)
Terphenyl-d14	92	(41 - 119)
Phenol-d5	61	(28 - 110)
2-Fluorophenol	65	(26 - 110)
2,4,6-Tribromophenol	58	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

United States Steel Corporation

ES-SL-NE002-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220521-012 **Work Order #:** L4JX82AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-013 **Work Order #...:** L4JX92AL **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.11 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 8.0 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	110	ug/kg	24
Acenaphthene	ND	7.2	ug/kg	3.6
Acenaphthylene	ND	7.2	ug/kg	3.6
Acetophenone	ND	110	ug/kg	10
2-Acetylaminofluorene	ND	360	ug/kg	130
4-Aminobiphenyl	ND	360	ug/kg	110
Aniline	ND	360	ug/kg	87
Anthracene	ND	7.2	ug/kg	3.6
Aramite	ND	360	ug/kg	5.2
Benzo(a)anthracene	**11**	**7.2**	**ug/kg**	**3.6**
Benzo(a)pyrene	**10**	**7.2**	**ug/kg**	**3.6**
Benzo(b)fluoranthene	**15**	**7.2**	**ug/kg**	**3.6**
Benzo(ghi)perylene	**9.1**	**7.2**	**ug/kg**	**3.6**
Benzo(k)fluoranthene	ND	7.2	ug/kg	3.6
Benzyl alcohol	ND	360	ug/kg	23
4-Bromophenyl phenyl ether	ND	54	ug/kg	14
Butyl benzyl phthalate	ND	54	ug/kg	11
2-sec-Butyl-4,6-dinitro-phenol	ND	360	ug/kg	120
4-Chloroaniline	ND	160	ug/kg	18
Chlorobenzilate	ND	360	ug/kg	3.7
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Chloro-1-methylethyl) ether	ND	110	ug/kg	10
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	54	ug/kg	3.6
2-Chlorophenol	ND	54	ug/kg	29
4-Chlorophenyl phenyl ether	ND	54	ug/kg	14
Chrysene	**12**	**7.2**	**ug/kg**	**1.2**
Diallate	ND	360	ug/kg	5.0
Dibenz(a,h)anthracene	ND	7.2	ug/kg	3.6
Dibenzofuran	ND	54	ug/kg	3.6
Di-n-butyl phthalate	ND	54	ug/kg	16

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-013 **Work Order #...:** L4JX92AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	54	ug/kg	11
1,3-Dichlorobenzene	ND	54	ug/kg	12
1,4-Dichlorobenzene	ND	54	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	160	ug/kg	22
2,6-Dichlorophenol	ND	220	ug/kg	4.3
Diethyl phthalate	ND	54	ug/kg	17
p-Dimethylaminoazobenzene	ND	360	ug/kg	3.7
7,12-Dimethylbenz(a)-anthracene	ND	360	ug/kg	130
3,3'-Dimethylbenzidine	ND	360	ug/kg	68
a,a-Dimethylphenethylamine	ND	720	ug/kg	120
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	54	ug/kg	18
1,3-Dinitrobenzene	ND	360	ug/kg	130
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	87
2,4-Dinitrophenol	ND	360	ug/kg	87
2,4-Dinitrotoluene	ND	220	ug/kg	29
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	54	ug/kg	29
Diphenylamine	ND	110	ug/kg	23
bis(2-Ethylhexyl) phthalate	**930**	**54**	**ug/kg**	**21**
Ethyl methanesulfonate	ND	360	ug/kg	4.3
Fluoranthene	**24**	**7.2**	**ug/kg**	**3.6**
Fluorene	ND	7.2	ug/kg	3.6
Hexachlorobenzene	ND	7.2	ug/kg	2.3
Hexachlorobutadiene	ND	54	ug/kg	29
Hexachlorocyclopentadiene	ND	360	ug/kg	29
Hexachloroethane	ND	54	ug/kg	9.8
Hexachloropropene	ND	360	ug/kg	5.0
Indeno(1,2,3-cd)pyrene	**7.5**	**7.2**	**ug/kg**	**3.6**
Isophorone	ND	54	ug/kg	14
Isosafrole	ND	360	ug/kg	4.2
Methapyrilene	ND	360	ug/kg	130
3-Methylcholanthrene	ND	220	ug/kg	130
Methyl methanesulfonate	ND	360	ug/kg	4.5
2-Methylnaphthalene	ND	7.2	ug/kg	3.6
2-Methylphenol	ND	220	ug/kg	87
3-Methylphenol	ND	220	ug/kg	4.7

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-013 **Work Order #...:** L4JX92AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	220	ug/kg	87
Naphthalene	ND	7.2	ug/kg	3.6
1,4-Naphthoquinone	ND	360	ug/kg	120
1-Naphthylamine	ND	360	ug/kg	3.9
2-Naphthylamine	ND	220	ug/kg	4.0
2-Nitroaniline	ND	220	ug/kg	9.9
3-Nitroaniline	ND	220	ug/kg	17
4-Nitroaniline	ND	220	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	54	ug/kg	29
4-Nitrophenol	ND	360	ug/kg	87
4-Nitroquinoline-1-oxide	ND	360	ug/kg	92
N-Nitrosodi-n-butylamine	ND	110	ug/kg	8.1
N-Nitrosodiethylamine	ND	110	ug/kg	4.7
N-Nitrosodimethylamine	ND	110	ug/kg	17
N-Nitrosodiphenylamine	ND	54	ug/kg	23
N-Nitrosodi-n-propylamine	ND	54	ug/kg	29
N-Nitrosomethylethylamine	ND	110	ug/kg	5.7
N-Nitrosomorpholine	ND	360	ug/kg	5.5
N-Nitrosopiperidine	ND	360	ug/kg	120
N-Nitrosopyrrolidine	ND	54	ug/kg	4.2
5-Nitro-o-toluidine	ND	360	ug/kg	5.0
Pentachlorobenzene	ND	110	ug/kg	5.9
Pentachloroethane	ND	360	ug/kg	4.9
Pentachloronitrobenzene	ND	360	ug/kg	6.5
Pentachlorophenol	ND	160	ug/kg	87
Phenacetin	ND	360	ug/kg	7.3
Phenanthrene	**9.2**	**7.2**	**ug/kg**	**3.6**
Phenol	ND	54	ug/kg	29
p-Phenylene diamine	ND	720	ug/kg	66
2-Picoline	ND	360	ug/kg	5.3
Pronamide	ND	360	ug/kg	5.2
Pyrene	**15**	**7.2**	**ug/kg**	**3.6**
Pyridine	ND	110	ug/kg	29
Safrole	ND	360	ug/kg	4.7
1,2,4,5-Tetrachlorobenzene	ND	110	ug/kg	5.8
2,3,4,6-Tetrachlorophenol	ND	110	ug/kg	23
o-Toluidine	ND	360	ug/kg	5.3
1,2,4-Trichlorobenzene	ND	54	ug/kg	29

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

GC/MS Semivolatiles

Lot-Sample #...: A0G220521-013 **Work Order #...:** L4JX92AL **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	87
1,3,5-Trinitrobenzene	ND	1700	ug/kg	110

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(24 - 112)
2-Fluorobiphenyl	59	(34 - 110)
Terphenyl-d14	86	(41 - 119)
Phenol-d5	62	(28 - 110)
2-Fluorophenol	65	(26 - 110)
2,4,6-Tribromophenol	55	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

ES-SL-SE003-07212010-FD

GC/MS Semivolatiles

Lot-Sample #: A0G220521-013 **Work Order #:** L4JX92AL **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-001 **Work Order #...:** L4J0Q1AC **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 980 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	**1.4**	**1.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-001 **Work Order #...:** L4J0Q1AC **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-001 **Work Order #...:** L4J0Q1AC **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-001 **Work Order #...:** L4J0Q1AC **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(29 - 111)
2-Fluorobiphenyl	51	(22 - 110)
Terphenyl-d14	73	(40 - 119)
Phenol-d5	17	(10 - 110)
2-Fluorophenol	26	(10 - 110)
2,4,6-Tribromophenol	50	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

United States Steel Corporation

ES-SL-SW003-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-001 **Work Order #:** L4J0Q1AC **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-002 **Work Order #...:** L4J0V1AF **Matrix.....:** SL
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 1020 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	**0.94 J**	**1.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-002 **Work Order #...:** L4J0V1AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-002 **Work Order #...:** L4J0V1AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-002 **Work Order #...:** L4J0V1AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(29 - 111)
2-Fluorobiphenyl	61	(22 - 110)
Terphenyl-d14	74	(40 - 119)
Phenol-d5	17	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	49	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

United States Steel Corporation

ES-SL-SW002-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-002 **Work Order #:** L4J0V1AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-003 **Work Order #...:** L4J0W1AF **Matrix.....:** SL
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 940 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-003 **Work Order #...:** L4J0W1AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-003 **Work Order #...:** L4J0W1AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-003 **Work Order #...:** L4J0W1AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(29 - 111)
2-Fluorobiphenyl	52	(22 - 110)
Terphenyl-d14	69	(40 - 119)
Phenol-d5	15	(10 - 110)
2-Fluorophenol	24	(10 - 110)
2,4,6-Tribromophenol	43	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

United States Steel Corporation

ES-SL-SE004-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-003 **Work Order #:** L4J0W1AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-004 **Work Order #...:** L4J0X1AF **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-004 **Work Order #...:** L4J0X1AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-004 **Work Order #...:** L4J0X1AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachloro-benzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-004 **Work Order #...:** L4J0X1AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(29 - 111)
2-Fluorobiphenyl	52	(22 - 110)
Terphenyl-d14	79	(40 - 119)
Phenol-d5	17	(10 - 110)
2-Fluorophenol	27	(10 - 110)
2,4,6-Tribromophenol	45	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

United States Steel Corporation

ES-SL-SE003-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-004 **Work Order #:** L4J0X1AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-005 **Work Order #...:** L4J001AF **Matrix.....:** SL
Date Sampled...: 07/21/10 08:30 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 970 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-005 **Work Order #...:** L4J001AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-005 **Work Order #...:** L4J001AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-005 **Work Order #...:** L4J001AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(29 - 111)
2-Fluorobiphenyl	52	(22 - 110)
Terphenyl-d14	77	(40 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	26	(10 - 110)
2,4,6-Tribromophenol	47	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

United States Steel Corporation

ES-SL-SE002-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-005 **Work Order #:** L4J001AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-006 **Work Order #...:** L4J011AF **Matrix.....:** SL
Date Sampled...: 07/21/10 08:40 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 960 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-006 **Work Order #...:** L4J011AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-006 **Work Order #...:** L4J011AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-006 **Work Order #...:** L4J011AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(29 - 111)
2-Fluorobiphenyl	56	(22 - 110)
Terphenyl-d14	70	(40 - 119)
Phenol-d5	21	(10 - 110)
2-Fluorophenol	33	(10 - 110)
2,4,6-Tribromophenol	46	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

United States Steel Corporation

ES-SL-SE001-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-006 **Work Order #:** L4J011AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-007 **Work Order #...:** L4J021AF **Matrix.....:** SL
Date Sampled...: 07/21/10 08:45 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 970 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-007 **Work Order #...:** L4J021AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-007 **Work Order #...:** L4J021AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-007 **Work Order #...:** L4J021AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(29 - 111)
2-Fluorobiphenyl	61	(22 - 110)
Terphenyl-d14	83	(40 - 119)
Phenol-d5	22	(10 - 110)
2-Fluorophenol	34	(10 - 110)
2,4,6-Tribromophenol	52	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

United States Steel Corporation

ES-SL-SW001-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-007 **Work Order #:** L4J021AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-008 **Work Order #...:** L4J031AF **Matrix.....:** SL
Date Sampled...: 07/21/10 08:50 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 990 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-008 **Work Order #...:** L4J031AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-008 **Work Order #...:** L4J031AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-008 **Work Order #...:** L4J031AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	49	(29 - 111)
2-Fluorobiphenyl	48	(22 - 110)
Terphenyl-d14	74	(40 - 119)
Phenol-d5	17	(10 - 110)
2-Fluorophenol	26	(10 - 110)
2,4,6-Tribromophenol	41	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

United States Steel Corporation

ES-SL-SW004-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-008 **Work Order #:** L4J031AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-009 **Work Order #...:** L4J041AF **Matrix.....:** SL
Date Sampled...: 07/21/10 09:00 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 970 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-009 **Work Order #...:** L4J041AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	**0.22**	**0.20**	**ug/L**	**0.10**
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-009 **Work Order #...:** L4J041AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-009 **Work Order #...:** L4J041AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(29 - 111)
2-Fluorobiphenyl	56	(22 - 110)
Terphenyl-d14	83	(40 - 119)
Phenol-d5	22	(10 - 110)
2-Fluorophenol	35	(10 - 110)
2,4,6-Tribromophenol	51	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

United States Steel Corporation

ES-SL-NE003-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-009 **Work Order #:** L4J041AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-010 **Work Order #...:** L4J051AF **Matrix.....:** SL
Date Sampled...: 07/21/10 09:05 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 940 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	**0.36**	**0.20**	**ug/L**	**0.10**
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	**0.26**	**0.20**	**ug/L**	**0.10**
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	**0.27 J**	**1.0**	**ug/L**	**0.10**

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-010 **Work Order #...:** L4J051AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	**0.77**	**0.20**	**ug/L**	**0.10**
Fluorene	**0.33**	**0.20**	**ug/L**	**0.10**
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	**0.25**	**0.20**	**ug/L**	**0.10**
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-010 **Work Order #...:** L4J051AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	**1.3**	**0.20**	**ug/L**	**0.10**
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	**0.51**	**0.20**	**ug/L**	**0.10**
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-010 **Work Order #...:** L4J051AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(29 - 111)
2-Fluorobiphenyl	61	(22 - 110)
Terphenyl-d14	81	(40 - 119)
Phenol-d5	26	(10 - 110)
2-Fluorophenol	39	(10 - 110)
2,4,6-Tribromophenol	50	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

United States Steel Corporation

ES-SL-NE004-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-010 **Work Order #:** L4J051AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-011 **Work Order #...:** L4J061AF **Matrix.....:** SL
Date Sampled...: 07/21/10 09:15 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 960 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-011 **Work Order #...:** L4J061AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	**0.21**	**0.20**	**ug/L**	**0.10**
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-011 **Work Order #...:** L4J061AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-011 **Work Order #...:** L4J061AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(29 - 111)
2-Fluorobiphenyl	53	(22 - 110)
Terphenyl-d14	83	(40 - 119)
Phenol-d5	24	(10 - 110)
2-Fluorophenol	36	(10 - 110)
2,4,6-Tribromophenol	52	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

United States Steel Corporation

ES-SL-NE001-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-011 **Work Order #:** L4J061AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-012 **Work Order #...:** L4J071AF **Matrix.....:** SL
Date Sampled...: 07/21/10 09:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 960 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	**0.80 J**	**1.0**	**ug/L**	**0.80**
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-012 **Work Order #...:** L4J071AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-012 **Work Order #...:** L4J071AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-012 **Work Order #...:** L4J071AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(29 - 111)
2-Fluorobiphenyl	54	(22 - 110)
Terphenyl-d14	78	(40 - 119)
Phenol-d5	22	(10 - 110)
2-Fluorophenol	33	(10 - 110)
2,4,6-Tribromophenol	48	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

J Estimated result. Result is less than RL.

United States Steel Corporation

ES-SL-NE002-07212010

GC/MS Semivolatiles

Lot-Sample #: A0G220525-012 **Work Order #:** L4J071AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-013 **Work Order #...:** L4J081AF **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023
Dilution Factor: 1 **Initial Wgt/Vol:** 960 mL **Final Wgt/Vol..:** 2 mL
% Moisture.....: **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
a,a-Dimethylphenethyl-amine	ND	50	ug/L	11
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
2-Acetylaminofluorene	ND	10	ug/L	0.89
4-Aminobiphenyl	ND	5.0	ug/L	0.63
Aniline	ND	5.0	ug/L	2.4
Anthracene	ND	0.20	ug/L	0.10
Aramite	ND	5.0	ug/L	0.88
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzyl alcohol	ND	5.0	ug/L	0.38
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	0.40
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
4-Chloroaniline	ND	2.0	ug/L	0.80
Chlorobenzilate	ND	2.0	ug/L	0.62
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Diallate	ND	10	ug/L	0.93
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-013 **Work Order #...:** L4J081AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
1,2-Dichlorobenzene	ND	1.0	ug/L	0.29
1,3-Dichlorobenzene	ND	1.0	ug/L	0.80
1,4-Dichlorobenzene	ND	0.0040	ug/L	0.34
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
2,6-Dichlorophenol	ND	5.0	ug/L	0.61
Diethyl phthalate	ND	1.0	ug/L	0.60
p-Dimethylaminoazobenzene	ND	2.0	ug/L	0.60
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	0.64
3,3'-Dimethylbenzidine	ND	5.0	ug/L	0.78
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
1,3-Dinitrobenzene	ND	2.0	ug/L	0.86
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	0.020	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	0.68
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
1,4-Dioxane	ND	1.0	ug/L	0.49
Diphenylamine	ND	1.0	ug/L	0.31
Ethyl methanesulfonate	ND	2.0	ug/L	0.82
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.020	ug/L	0.10
Hexachlorobutadiene	ND	0.020	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	0.020	ug/L	0.80
Hexachloropropene	ND	5.0	ug/L	0.47
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
Isosafrole	ND	5.0	ug/L	0.70
Methapyrilene	ND	2.0	ug/L	2.0
3-Methylcholanthrene	ND	0.050	ug/L	0.65
Methyl methanesulfonate	ND	2.0	ug/L	0.55
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	0.0040	ug/L	0.80
3-Methylphenol	ND	1.0	ug/L	0.80

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-013 **Work Order #...:** L4J081AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
1,4-Naphthoquinone	ND	50	ug/L	0.60
1-Naphthylamine	ND	2.0	ug/L	0.44
2-Naphthylamine	ND	2.0	ug/L	0.57
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	0.0040	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	0.50
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	0.81
N-Nitrosodiethylamine	ND	2.0	ug/L	0.76
N-Nitrosodimethylamine	ND	1.0	ug/L	0.31
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.80
N-Nitrosomethylethylamine	ND	2.0	ug/L	0.72
N-Nitrosomorpholine	ND	2.0	ug/L	0.74
N-Nitrosopiperidine	ND	2.0	ug/L	0.75
N-Nitrosopyrrolidine	ND	2.0	ug/L	0.74
5-Nitro-o-toluidine	ND	2.0	ug/L	0.68
Pentachlorobenzene	ND	2.0	ug/L	0.71
Pentachloroethane	ND	20	ug/L	0.76
Pentachloronitrobenzene	ND	2.0	ug/L	0.94
Pentachlorophenol	ND	0.040	ug/L	2.4
Phenacetin	ND	2.0	ug/L	0.66
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
p-Phenylene diamine	ND	40	ug/L	14
2-Picoline	ND	5.0	ug/L	0.76
Pronamide	ND	2.0	ug/L	0.69
Pyrene	ND	0.20	ug/L	0.10
Pyridine	ND	0.020	ug/L	0.35
Safrole	ND	2.0	ug/L	0.81
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	0.55
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	0.58
o-Toluidine	ND	2.0	ug/L	0.72
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.28

(Continued on next page)

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP GC/MS Semivolatiles

Lot-Sample #...: A0G220525-013 **Work Order #...:** L4J081AF **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-Trichloro-phenol	ND	0.020	ug/L	0.30
2,4,6-Trichloro-phenol	ND	0.020	ug/L	0.80
1,3,5-Trinitrobenzene	ND	5.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(29 - 111)
2-Fluorobiphenyl	57	(22 - 110)
Terphenyl-d14	83	(40 - 119)
Phenol-d5	22	(10 - 110)
2-Fluorophenol	34	(10 - 110)
2,4,6-Tribromophenol	52	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

United States Steel Corporation

ES-SL-SE003-07212010-FD

GC/MS Semivolatiles

Lot-Sample #: A0G220525-013 **Work Order #:** L4J081AF **Matrix:** SL

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J361AA **Matrix.....:** SOLID
MB Lot-Sample #: A0G220000-292

Prep Date.....: 07/23/10 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 07/27/10 **Prep Batch #...:** 0203292
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
2-Acetylaminofluorene	ND	330	ug/kg	SW846 8270C
4-Aminobiphenyl	ND	330	ug/kg	SW846 8270C
Aniline	ND	330	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Aramite	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzyl alcohol	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
2-sec-Butyl-4,6-dinitro-phenol	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
Chlorobenzilate	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Chloro-1-methylethyl) ether	ND	100	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Diallate	ND	330	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C
1,2-Dichlorobenzene	ND	50	ug/kg	SW846 8270C
1,3-Dichlorobenzene	ND	50	ug/kg	SW846 8270C
1,4-Dichlorobenzene	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J361AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
2,6-Dichlorophenol	ND	200	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
p-Dimethylaminoazobenzene	ND	330	ug/kg	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	330	ug/kg	SW846 8270C
3,3'-Dimethylbenzidine	ND	330	ug/kg	SW846 8270C
a,a-Dimethylphenethyl-amine	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
1,3-Dinitrobenzene	ND	330	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Diphenylamine	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	**47 J**	**50**	**ug/kg**	**SW846 8270C**
Ethyl methanesulfonate	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Hexachloropropene	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
Isosafrole	ND	330	ug/kg	SW846 8270C
Methapyrilene	ND	330	ug/kg	SW846 8270C
3-Methylcholanthrene	ND	200	ug/kg	SW846 8270C
Methyl methanesulfonate	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
3-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
1,4-Naphthoquinone	ND	330	ug/kg	SW846 8270C
1-Naphthylamine	ND	330	ug/kg	SW846 8270C
2-Naphthylamine	ND	200	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J361AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
4-Nitroquinoline-1-oxide	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-butylamine	ND	100	ug/kg	SW846 8270C
N-Nitrosodiethylamine	ND	100	ug/kg	SW846 8270C
N-Nitrosodimethylamine	ND	100	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
N-Nitrosodi-n-propylamine	ND	50	ug/kg	SW846 8270C
N-Nitrosomethylethylamine	ND	100	ug/kg	SW846 8270C
N-Nitrosomorpholine	ND	330	ug/kg	SW846 8270C
N-Nitrosopiperidine	ND	330	ug/kg	SW846 8270C
N-Nitrosopyrrolidine	ND	50	ug/kg	SW846 8270C
5-Nitro-o-toluidine	ND	330	ug/kg	SW846 8270C
Pentachlorobenzene	ND	100	ug/kg	SW846 8270C
Pentachloroethane	ND	330	ug/kg	SW846 8270C
Pentachloronitrobenzene	ND	330	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenacetin	ND	330	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
p-Phenylene diamine	ND	660	ug/kg	SW846 8270C
2-Picoline	ND	330	ug/kg	SW846 8270C
Pronamide	ND	330	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Safrole	ND	330	ug/kg	SW846 8270C
1,2,4,5-Tetrachlorobenzene	ND	100	ug/kg	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	100	ug/kg	SW846 8270C
o-Toluidine	ND	330	ug/kg	SW846 8270C
1,2,4-Trichlorobenzene	ND	50	ug/kg	SW846 8270C
2,4,5-Trichlorophenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichlorophenol	ND	150	ug/kg	SW846 8270C
1,3,5-Trinitrobenzene	ND	1600	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J361AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(24 - 112)
2-Fluorobiphenyl	53	(34 - 110)
Terphenyl-d14	77	(41 - 119)
Phenol-d5	58	(28 - 110)
2-Fluorophenol	62	(26 - 110)
2,4,6-Tribromophenol	40	(10 - 118)

NOTE(S):

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

J Estimated result. Result is less than RL.

United States Steel Corporation

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: A0G220000-292 B **Work Order #:** L4J361AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

METHOD BLANK REPORT

SPLP GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4LGE1AA **Matrix.....:** SOLID
MB Lot-Sample #: A0G230000-023
Leach Date.....: 07/22/10 **Prep Date.....:** 07/23/10 **Analysis Date..:** 07/29/10
Leach Batch #..: P020307 **Prep Batch #...:** 0204023 **Final Wgt/Vol..:** 2 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
a,a-Dimethylphenethyl-amine	ND	50	ug/L	SW846 8270C
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	10	ug/L	SW846 8270C
4-Aminobiphenyl	ND	5.0	ug/L	SW846 8270C
Aniline	ND	5.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Aramite	ND	5.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzyl alcohol	ND	5.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Chloro-1-methylethyl) ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
Chlorobenzilate	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Diallate	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8270C
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

SPLP GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4LGE1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	0.0040	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	5.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
p-Dimethylaminoazobenzene	ND	2.0	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	2.0	ug/L	SW846 8270C
3,3'-Dimethylbenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	2.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.020	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2-sec-Butyl-4,6-dinitro-phenol	ND	2.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
1,4-Dioxane	ND	1.0	ug/L	SW846 8270C
Diphenylamine	ND	1.0	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	2.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.020	ug/L	SW846 8270C
Hexachlorobutadiene	ND	0.020	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	0.020	ug/L	SW846 8270C
Hexachloropropene	ND	5.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
Isosafrole	ND	5.0	ug/L	SW846 8270C
Methapyrilene	ND	2.0	ug/L	SW846 8270C
3-Methylcholanthrene	ND	0.050	ug/L	SW846 8270C
Methyl methanesulfonate	ND	2.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	0.0040	ug/L	SW846 8270C
3-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	2.0	ug/L	SW846 8270C
2-Naphthylamine	ND	2.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

SPLP GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4LGE1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	0.0040	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
4-Nitroquinoline-1-oxide	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-butylamine	ND	2.0	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	2.0	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	2.0	ug/L	SW846 8270C
N-Nitrosomorpholine	ND	2.0	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	2.0	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	2.0	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	2.0	ug/L	SW846 8270C
Pentachlorobenzene	ND	2.0	ug/L	SW846 8270C
Pentachloroethane	ND	20	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	2.0	ug/L	SW846 8270C
Pentachlorophenol	ND	0.040	ug/L	SW846 8270C
Phenacetin	ND	2.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
p-Phenylene diamine	ND	40	ug/L	SW846 8270C
2-Picoline	ND	5.0	ug/L	SW846 8270C
Pronamide	ND	2.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
Pyridine	ND	0.020	ug/L	SW846 8270C
Safrole	ND	2.0	ug/L	SW846 8270C
1,2,4,5-Tetrachlorobenzene	ND	1.0	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	2.0	ug/L	SW846 8270C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	SW846 8270C
2,4,5-Trichlorophenol	ND	0.020	ug/L	SW846 8270C
2,4,6-Trichlorophenol	ND	0.020	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

SPLP GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4LGE1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(29 - 111)
2-Fluorobiphenyl	49	(22 - 110)
Terphenyl-d14	80	(40 - 119)
Phenol-d5	22	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	47	(17 - 117)

NOTE(S):

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

United States Steel Corporation

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: A0G230000-023 B **Work Order #:** L4LGE1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/L

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4PNL1AA **Matrix.....:** SOLID
MB Lot-Sample #: A0G270000-158

Prep Date.....: 07/27/10 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 07/28/10 **Prep Batch #...:** 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
2-Acetylaminofluorene	ND	330	ug/kg	SW846 8270C
4-Aminobiphenyl	ND	330	ug/kg	SW846 8270C
Aniline	ND	330	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Aramite	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzyl alcohol	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
2-sec-Butyl-4,6-dinitro-phenol	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
Chlorobenzilate	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Chloro-1-methylethyl) ether	ND	100	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Diallate	ND	330	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C
1,2-Dichlorobenzene	ND	50	ug/kg	SW846 8270C
1,3-Dichlorobenzene	ND	50	ug/kg	SW846 8270C
1,4-Dichlorobenzene	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4PNL1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
2,6-Dichlorophenol	ND	200	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
p-Dimethylaminoazobenzene	ND	330	ug/kg	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	330	ug/kg	SW846 8270C
3,3'-Dimethylbenzidine	ND	330	ug/kg	SW846 8270C
a,a-Dimethylphenethyl-amine	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
1,3-Dinitrobenzene	ND	330	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Diphenylamine	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
Ethyl methanesulfonate	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Hexachloropropene	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
Isosafrole	ND	330	ug/kg	SW846 8270C
Methapyrilene	ND	330	ug/kg	SW846 8270C
3-Methylcholanthrene	ND	200	ug/kg	SW846 8270C
Methyl methanesulfonate	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
3-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
1,4-Naphthoquinone	ND	330	ug/kg	SW846 8270C
1-Naphthylamine	ND	330	ug/kg	SW846 8270C
2-Naphthylamine	ND	200	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4PNL1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
4-Nitroquinoline-1-oxide	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-butylamine	ND	100	ug/kg	SW846 8270C
N-Nitrosodiethylamine	ND	100	ug/kg	SW846 8270C
N-Nitrosodimethylamine	ND	100	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
N-Nitrosodi-n-propylamine	ND	50	ug/kg	SW846 8270C
N-Nitrosomethylethylamine	ND	100	ug/kg	SW846 8270C
N-Nitrosomorpholine	ND	330	ug/kg	SW846 8270C
N-Nitrosopiperidine	ND	330	ug/kg	SW846 8270C
N-Nitrosopyrrolidine	ND	50	ug/kg	SW846 8270C
5-Nitro-o-toluidine	ND	330	ug/kg	SW846 8270C
Pentachlorobenzene	ND	100	ug/kg	SW846 8270C
Pentachloroethane	ND	330	ug/kg	SW846 8270C
Pentachloronitrobenzene	ND	330	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenacetin	ND	330	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
p-Phenylene diamine	ND	660	ug/kg	SW846 8270C
2-Picoline	ND	330	ug/kg	SW846 8270C
Pronamide	ND	330	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Safrole	ND	330	ug/kg	SW846 8270C
1,2,4,5-Tetrachlorobenzene	ND	100	ug/kg	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	100	ug/kg	SW846 8270C
o-Toluidine	ND	330	ug/kg	SW846 8270C
1,2,4-Trichlorobenzene	ND	50	ug/kg	SW846 8270C
2,4,5-Trichlorophenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichlorophenol	ND	150	ug/kg	SW846 8270C
1,3,5-Trinitrobenzene	ND	1600	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4PNL1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
Terphenyl-d14	97	(41 - 119)
Phenol-d5	74	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	60	(10 - 118)

NOTE(S):

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

United States Steel Corporation

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: A0G270000-158 B **Work Order #:** L4PNL1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Hexachlorophene	70-30-4	ND	M		ug/kg

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J361AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G220000-292
Prep Date.....: 07/23/10 **Analysis Date..:** 07/26/10
Prep Batch #...: 0203292
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dioxane	20	(10 - 110)	SW846 8270C
Acenaphthene	**58**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	61	(47 - 110)	SW846 8270C
Acetophenone	55	(50 - 130)	SW846 8270C
Aniline	36	(10 - 130)	SW846 8270C
Anthracene	65	(56 - 111)	SW846 8270C
Benzo(a)anthracene	69	(58 - 111)	SW846 8270C
Benzo(a)pyrene	61	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	76	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	73	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	71	(38 - 122)	SW846 8270C
Benzyl alcohol	53	(10 - 130)	SW846 8270C
4-Bromophenyl phenyl ether	66	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	73	(57 - 121)	SW846 8270C
4-Chloroaniline	45	(25 - 110)	SW846 8270C
bis(2-Chloroethoxy) methane	59	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)-ether	54	(41 - 110)	SW846 8270C
bis(2-Chloroisopropyl) ether	57	(36 - 116)	SW846 8270C
4-Chloro-3-methylphenol	**59**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	60	(46 - 110)	SW846 8270C
2-Chlorophenol	**55**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	64	(53 - 110)	SW846 8270C
Chrysene	68	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	73	(45 - 122)	SW846 8270C
Dibenzofuran	61	(50 - 110)	SW846 8270C
Di-n-butyl phthalate	75	(57 - 119)	SW846 8270C
1,2-Dichlorobenzene	54	(42 - 110)	SW846 8270C
1,3-Dichlorobenzene	53	(40 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J361AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G220000-292

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dichlorobenzene	**60**	**(38 - 110)**	**SW846 8270C**
3,3'-Dichlorobenzidine	41	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	56	(40 - 110)	SW846 8270C
Diethyl phthalate	69	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	48	(28 - 110)	SW846 8270C
Dimethyl phthalate	65	(54 - 112)	SW846 8270C
4,6-Dinitro-2-methylphenol	50	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	46	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**72**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	70	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	70	(45 - 123)	SW846 8270C
bis(2-Ethylhexyl) phthalate	70	(56 - 123)	SW846 8270C
Fluoranthene	70	(55 - 118)	SW846 8270C
Fluorene	64	(51 - 110)	SW846 8270C
Hexachlorobenzene	64	(51 - 110)	SW846 8270C
Hexachlorobutadiene	54	(39 - 110)	SW846 8270C
Hexachlorocyclopenta-diene	51	(10 - 110)	SW846 8270C
Hexachloroethane	56	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	73	(45 - 121)	SW846 8270C
Isophorone	57	(46 - 117)	SW846 8270C
2-Methylnaphthalene	60	(46 - 110)	SW846 8270C
2-Methylphenol	55	(36 - 110)	SW846 8270C
4-Methylphenol	56	(40 - 110)	SW846 8270C
Naphthalene	56	(42 - 110)	SW846 8270C
2-Nitroaniline	63	(47 - 124)	SW846 8270C
3-Nitroaniline	57	(44 - 110)	SW846 8270C
4-Nitroaniline	66	(50 - 110)	SW846 8270C
Nitrobenzene	57	(40 - 110)	SW846 8270C
2-Nitrophenol	53	(35 - 110)	SW846 8270C
4-Nitrophenol	**51**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodimethylamine	61	(10 - 130)	SW846 8270C
N-Nitrosodiphenylamine	62	(54 - 112)	SW846 8270C
N-Nitrosodi-n-propyl-amine	**58**	**(40 - 114)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J361AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G220000-292

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Pentachlorophenol	**62**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	64	(54 - 110)	SW846 8270C
Phenol	**56**	**(39 - 110)**	**SW846 8270C**
Pyrene	**69**	**(58 - 113)**	**SW846 8270C**
Pyridine	35	(22 - 110)	SW846 8270C
1,2,4-Trichloro-benzene	**55**	**(43 - 110)**	**SW846 8270C**
2,4,5-Trichloro-phenol	56	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	56	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
Terphenyl-d14	74	(41 - 119)
Phenol-d5	54	(28 - 110)
2-Fluorophenol	57	(26 - 110)
2,4,6-Tribromophenol	59	(10 - 118)

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 Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J361AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G220000-292
Prep Date.....: 07/23/10 **Analysis Date..:** 07/26/10
Prep Batch #...: 0203292
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,4-Dioxane	670	130	ug/kg	20	SW846 8270C
Acenaphthene	**670**	**390**	**ug/kg**	**58**	**SW846 8270C**
Acenaphthylene	670	400	ug/kg	61	SW846 8270C
Acetophenone	670	370	ug/kg	55	SW846 8270C
Aniline	670	240	ug/kg	36	SW846 8270C
Anthracene	670	430	ug/kg	65	SW846 8270C
Benzo(a)anthracene	670	460	ug/kg	69	SW846 8270C
Benzo(a)pyrene	670	410	ug/kg	61	SW846 8270C
Benzo(b)fluoranthene	670	500	ug/kg	76	SW846 8270C
Benzo(ghi)perylene	670	490	ug/kg	73	SW846 8270C
Benzo(k)fluoranthene	670	470	ug/kg	71	SW846 8270C
Benzyl alcohol	670	350	ug/kg	53	SW846 8270C
4-Bromophenyl phenyl ether	670	440	ug/kg	66	SW846 8270C
Butyl benzyl phthalate	670	490	ug/kg	73	SW846 8270C
4-Chloroaniline	670	300	ug/kg	45	SW846 8270C
bis(2-Chloroethoxy) methane	670	390	ug/kg	59	SW846 8270C
bis(2-Chloroethyl)-ether	670	360	ug/kg	54	SW846 8270C
bis(2-Chloroisopropyl) ether	670	380	ug/kg	57	SW846 8270C
4-Chloro-3-methylphenol	**670**	**390**	**ug/kg**	**59**	**SW846 8270C**
2-Chloronaphthalene	670	400	ug/kg	60	SW846 8270C
2-Chlorophenol	**670**	**370**	**ug/kg**	**55**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	420	ug/kg	64	SW846 8270C
Chrysene	670	450	ug/kg	68	SW846 8270C
Dibenz(a,h)anthracene	670	480	ug/kg	73	SW846 8270C
Dibenzofuran	670	410	ug/kg	61	SW846 8270C
Di-n-butyl phthalate	670	500	ug/kg	75	SW846 8270C
1,2-Dichlorobenzene	670	360	ug/kg	54	SW846 8270C
1,3-Dichlorobenzene	670	350	ug/kg	53	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J361AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G220000-292

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,4-Dichlorobenzene	**670**	**400**	**ug/kg**	**60**	**SW846 8270C**
3,3'-Dichlorobenzidine	670	270	ug/kg	41	SW846 8270C
2,4-Dichlorophenol	670	370	ug/kg	56	SW846 8270C
Diethyl phthalate	670	460	ug/kg	69	SW846 8270C
2,4-Dimethylphenol	670	320	ug/kg	48	SW846 8270C
Dimethyl phthalate	670	430	ug/kg	65	SW846 8270C
4,6-Dinitro-2-methylphenol	670	330	ug/kg	50	SW846 8270C
2,4-Dinitrophenol	670	310	ug/kg	46	SW846 8270C
2,4-Dinitrotoluene	**670**	**480**	**ug/kg**	**72**	**SW846 8270C**
2,6-Dinitrotoluene	670	470	ug/kg	70	SW846 8270C
Di-n-octyl phthalate	670	470	ug/kg	70	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	460	ug/kg	70	SW846 8270C
Fluoranthene	670	470	ug/kg	70	SW846 8270C
Fluorene	670	420	ug/kg	64	SW846 8270C
Hexachlorobenzene	670	430	ug/kg	64	SW846 8270C
Hexachlorobutadiene	670	360	ug/kg	54	SW846 8270C
Hexachlorocyclopenta-diene	670	340	ug/kg	51	SW846 8270C
Hexachloroethane	670	370	ug/kg	56	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	490	ug/kg	73	SW846 8270C
Isophorone	670	380	ug/kg	57	SW846 8270C
2-Methylnaphthalene	670	400	ug/kg	60	SW846 8270C
2-Methylphenol	670	370	ug/kg	55	SW846 8270C
4-Methylphenol	1300	750	ug/kg	56	SW846 8270C
Naphthalene	670	370	ug/kg	56	SW846 8270C
2-Nitroaniline	670	420	ug/kg	63	SW846 8270C
3-Nitroaniline	670	380	ug/kg	57	SW846 8270C
4-Nitroaniline	670	440	ug/kg	66	SW846 8270C
Nitrobenzene	670	380	ug/kg	57	SW846 8270C
2-Nitrophenol	670	350	ug/kg	53	SW846 8270C
4-Nitrophenol	**670**	**340**	**ug/kg**	**51**	**SW846 8270C**
N-Nitrosodimethylamine	670	400	ug/kg	61	SW846 8270C
N-Nitrosodiphenylamine	670	410	ug/kg	62	SW846 8270C
N-Nitrosodi-n-propyl-amine	**670**	**380**	**ug/kg**	**58**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J361AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G220000-292

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Pentachlorophenol	**670**	**410**	**ug/kg**	**62**	**SW846 8270C**
Phenanthrene	670	420	ug/kg	64	SW846 8270C
Phenol	**670**	**370**	**ug/kg**	**56**	**SW846 8270C**
Pyrene	**670**	**460**	**ug/kg**	**69**	**SW846 8270C**
Pyridine	670	230	ug/kg	35	SW846 8270C
1,2,4-Trichloro-benzene	**670**	**370**	**ug/kg**	**55**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	370	ug/kg	56	SW846 8270C
2,4,6-Trichloro-phenol	670	370	ug/kg	56	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
Terphenyl-d14	74	(41 - 119)
Phenol-d5	54	(28 - 110)
2-Fluorophenol	57	(26 - 110)
2,4,6-Tribromophenol	59	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4LGE1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G230000-023 L4LGE1AD-LCSD
Prep Date.....: 07/23/10 **Analysis Date..:** 07/29/10
Prep Batch #...: 0204023
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	**50**	**(16 - 110)**			**SW846 8270C**
	46	**(16 - 110)**	**13**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**82**	**(45 - 126)**			**SW846 8270C**
	83	**(45 - 126)**	**4.6**	**(0-30)**	**SW846 8270C**
Hexachlorobenzene	**68**	**(47 - 116)**			**SW846 8270C**
	66	**(47 - 116)**	**8.3**	**(0-30)**	**SW846 8270C**
Hexachlorobutadiene	**41**	**(10 - 110)**			**SW846 8270C**
	39	**(10 - 110)**	**12**	**(0-30)**	**SW846 8270C**
Hexachloroethane	**41**	**(10 - 110)**			**SW846 8270C**
	38	**(10 - 110)**	**11**	**(0-30)**	**SW846 8270C**
2-Methylphenol	**51**	**(24 - 110)**			**SW846 8270C**
	52	**(24 - 110)**	**2.8**	**(0-30)**	**SW846 8270C**
Nitrobenzene	**69**	**(35 - 117)**			**SW846 8270C**
	66	**(35 - 117)**	**9.3**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**23**	**(12 - 110)**			**SW846 8270C**
	33	**(12 - 110)**	**30**	**(0-30)**	**SW846 8270C**
Pyridine	**39**	**(10 - 110)**			**SW846 8270C**
	37	**(10 - 110)**	**11**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	**62**	**(35 - 111)**			**SW846 8270C**
	67	**(35 - 111)**	**2.8**	**(0-30)**	**SW846 8270C**
2,4,6-Trichloro-phenol	**63**	**(32 - 110)**			**SW846 8270C**
	63	**(32 - 110)**	**5.9**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(29 - 111)
	61	(29 - 111)
2-Fluorobiphenyl	61	(22 - 110)
	57	(22 - 110)
Terphenyl-d14	81	(40 - 119)
	77	(40 - 119)
Phenol-d5	22	(10 - 110)
	22	(10 - 110)
2-Fluorophenol	35	(10 - 110)
	32	(10 - 110)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4LGE1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G230000-023 L4LGE1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	57	(17 - 117)
	56	(17 - 117)

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 Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4LGE1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G230000-023 L4LGE1AD-LCSD
Prep Date.....: 07/23/10 **Analysis Date..:** 07/29/10
Prep Batch #...: 0204023
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	**20**	**10**	**ug/L**	**50**		**SW846 8270C**
	19	**8.7**	**ug/L**	**46**	**13**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**16**	**ug/L**	**82**		**SW846 8270C**
	19	**16**	**ug/L**	**83**	**4.6**	**SW846 8270C**
Hexachlorobenzene	**20**	**14**	**ug/L**	**68**		**SW846 8270C**
	19	**13**	**ug/L**	**66**	**8.3**	**SW846 8270C**
Hexachlorobutadiene	**20**	**8.3**	**ug/L**	**41**		**SW846 8270C**
	19	**7.3**	**ug/L**	**39**	**12**	**SW846 8270C**
Hexachloroethane	**20**	**8.2**	**ug/L**	**41**		**SW846 8270C**
	19	**7.3**	**ug/L**	**38**	**11**	**SW846 8270C**
2-Methylphenol	**20**	**10**	**ug/L**	**51**		**SW846 8270C**
	19	**10**	**ug/L**	**52**	**2.8**	**SW846 8270C**
Nitrobenzene	**20**	**14**	**ug/L**	**69**		**SW846 8270C**
	19	**13**	**ug/L**	**66**	**9.3**	**SW846 8270C**
Pentachlorophenol	**20**	**4.6**	**ug/L**	**23**		**SW846 8270C**
	19	**6.2**	**ug/L**	**33**	**30**	**SW846 8270C**
Pyridine	**20**	**7.8**	**ug/L**	**39**		**SW846 8270C**
	19	**7.0**	**ug/L**	**37**	**11**	**SW846 8270C**
2,4,5-Trichloro-phenol	**20**	**12**	**ug/L**	**62**		**SW846 8270C**
	19	**13**	**ug/L**	**67**	**2.8**	**SW846 8270C**
2,4,6-Trichloro-phenol	**20**	**13**	**ug/L**	**63**		**SW846 8270C**
	19	**12**	**ug/L**	**63**	**5.9**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(29 - 111)
	61	(29 - 111)
2-Fluorobiphenyl	61	(22 - 110)
	57	(22 - 110)
Terphenyl-d14	81	(40 - 119)
	77	(40 - 119)
Phenol-d5	22	(10 - 110)
	22	(10 - 110)
2-Fluorophenol	35	(10 - 110)
	32	(10 - 110)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4LGE1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A0G230000-023 L4LGE1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	57	(17 - 117)
	56	(17 - 117)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4PNL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G270000-158
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dioxane	33	(10 - 110)	SW846 8270C
Acenaphthene	**76**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	76	(47 - 110)	SW846 8270C
Acetophenone	78	(50 - 130)	SW846 8270C
Aniline	36	(10 - 130)	SW846 8270C
Anthracene	81	(56 - 111)	SW846 8270C
Benzo(a)anthracene	79	(58 - 111)	SW846 8270C
Benzo(a)pyrene	75	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	87	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	87	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	85	(38 - 122)	SW846 8270C
Benzyl alcohol	56	(10 - 130)	SW846 8270C
4-Bromophenyl phenyl ether	82	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	83	(57 - 121)	SW846 8270C
4-Chloroaniline	40	(25 - 110)	SW846 8270C
bis(2-Chloroethoxy) methane	74	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)-ether	90	(41 - 110)	SW846 8270C
bis(2-Chloroisopropyl) ether	76	(36 - 116)	SW846 8270C
4-Chloro-3-methylphenol	**79**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	74	(46 - 110)	SW846 8270C
2-Chlorophenol	**72**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	83	(53 - 110)	SW846 8270C
Chrysene	77	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	92	(45 - 122)	SW846 8270C
Dibenzofuran	78	(50 - 110)	SW846 8270C
Di-n-butyl phthalate	91	(57 - 119)	SW846 8270C
1,2-Dichlorobenzene	75	(42 - 110)	SW846 8270C
1,3-Dichlorobenzene	71	(40 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4PNL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G270000-158

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dichlorobenzene	**79**	**(38 - 110)**	**SW846 8270C**
3,3'-Dichlorobenzidine	12 a	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	75	(40 - 110)	SW846 8270C
Diethyl phthalate	83	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	72	(28 - 110)	SW846 8270C
Dimethyl phthalate	81	(54 - 112)	SW846 8270C
4,6-Dinitro-2-methylphenol	72	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	59	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**87**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	85	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	88	(45 - 123)	SW846 8270C
bis(2-Ethylhexyl) phthalate	88	(56 - 123)	SW846 8270C
Fluoranthene	87	(55 - 118)	SW846 8270C
Fluorene	80	(51 - 110)	SW846 8270C
Hexachlorobenzene	79	(51 - 110)	SW846 8270C
Hexachlorobutadiene	71	(39 - 110)	SW846 8270C
Hexachlorocyclopenta-diene	77	(10 - 110)	SW846 8270C
Hexachloroethane	72	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	91	(45 - 121)	SW846 8270C
Isophorone	73	(46 - 117)	SW846 8270C
2-Methylnaphthalene	76	(46 - 110)	SW846 8270C
2-Methylphenol	84	(36 - 110)	SW846 8270C
4-Methylphenol	71	(40 - 110)	SW846 8270C
Naphthalene	72	(42 - 110)	SW846 8270C
2-Nitroaniline	81	(47 - 124)	SW846 8270C
3-Nitroaniline	63	(44 - 110)	SW846 8270C
4-Nitroaniline	76	(50 - 110)	SW846 8270C
Nitrobenzene	73	(40 - 110)	SW846 8270C
2-Nitrophenol	69	(35 - 110)	SW846 8270C
4-Nitrophenol	**79**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodimethylamine	76	(10 - 130)	SW846 8270C
N-Nitrosodiphenylamine	75	(54 - 112)	SW846 8270C
N-Nitrosodi-n-propyl-amine	**75**	**(40 - 114)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4PNL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G270000-158

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Pentachlorophenol	**66**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	79	(54 - 110)	SW846 8270C
Phenol	**75**	**(39 - 110)**	**SW846 8270C**
Pyrene	**78**	**(58 - 113)**	**SW846 8270C**
Pyridine	70	(22 - 110)	SW846 8270C
1,2,4-Trichloro-benzene	**70**	**(43 - 110)**	**SW846 8270C**
2,4,5-Trichloro-phenol	79	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	72	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	73	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	92	(41 - 119)
Phenol-d5	75	(28 - 110)
2-Fluorophenol	80	(26 - 110)
2,4,6-Tribromophenol	82	(10 - 118)

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 Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4PNL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G270000-158
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,4-Dioxane	670	220	ug/kg	33	SW846 8270C
Acenaphthene	**670**	**500**	**ug/kg**	**76**	**SW846 8270C**
Acenaphthylene	670	500	ug/kg	76	SW846 8270C
Acetophenone	670	520	ug/kg	78	SW846 8270C
Aniline	670	240	ug/kg	36	SW846 8270C
Anthracene	670	540	ug/kg	81	SW846 8270C
Benzo(a)anthracene	670	530	ug/kg	79	SW846 8270C
Benzo(a)pyrene	670	500	ug/kg	75	SW846 8270C
Benzo(b)fluoranthene	670	580	ug/kg	87	SW846 8270C
Benzo(ghi)perylene	670	580	ug/kg	87	SW846 8270C
Benzo(k)fluoranthene	670	570	ug/kg	85	SW846 8270C
Benzyl alcohol	670	380	ug/kg	56	SW846 8270C
4-Bromophenyl phenyl ether	670	550	ug/kg	82	SW846 8270C
Butyl benzyl phthalate	670	550	ug/kg	83	SW846 8270C
4-Chloroaniline	670	270	ug/kg	40	SW846 8270C
bis(2-Chloroethoxy) methane	670	500	ug/kg	74	SW846 8270C
bis(2-Chloroethyl)-ether	670	600	ug/kg	90	SW846 8270C
bis(2-Chloroisopropyl) ether	670	510	ug/kg	76	SW846 8270C
4-Chloro-3-methylphenol	**670**	**530**	**ug/kg**	**79**	**SW846 8270C**
2-Chloronaphthalene	670	500	ug/kg	74	SW846 8270C
2-Chlorophenol	**670**	**480**	**ug/kg**	**72**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	550	ug/kg	83	SW846 8270C
Chrysene	670	520	ug/kg	77	SW846 8270C
Dibenz(a,h)anthracene	670	610	ug/kg	92	SW846 8270C
Dibenzofuran	670	520	ug/kg	78	SW846 8270C
Di-n-butyl phthalate	670	610	ug/kg	91	SW846 8270C
1,2-Dichlorobenzene	670	500	ug/kg	75	SW846 8270C
1,3-Dichlorobenzene	670	470	ug/kg	71	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4PNL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G270000-158

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,4-Dichlorobenzene	**670**	**530**	**ug/kg**	**79**	**SW846 8270C**
3,3'-Dichlorobenzidine	670	80 a	ug/kg	12	SW846 8270C
2,4-Dichlorophenol	670	500	ug/kg	75	SW846 8270C
Diethyl phthalate	670	560	ug/kg	83	SW846 8270C
2,4-Dimethylphenol	670	480	ug/kg	72	SW846 8270C
Dimethyl phthalate	670	540	ug/kg	81	SW846 8270C
4,6-Dinitro-2-methylphenol	670	480	ug/kg	72	SW846 8270C
2,4-Dinitrophenol	670	390	ug/kg	59	SW846 8270C
2,4-Dinitrotoluene	**670**	**580**	**ug/kg**	**87**	**SW846 8270C**
2,6-Dinitrotoluene	670	570	ug/kg	85	SW846 8270C
Di-n-octyl phthalate	670	590	ug/kg	88	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	590	ug/kg	88	SW846 8270C
Fluoranthene	670	580	ug/kg	87	SW846 8270C
Fluorene	670	540	ug/kg	80	SW846 8270C
Hexachlorobenzene	670	520	ug/kg	79	SW846 8270C
Hexachlorobutadiene	670	470	ug/kg	71	SW846 8270C
Hexachlorocyclopenta-diene	670	510	ug/kg	77	SW846 8270C
Hexachloroethane	670	480	ug/kg	72	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	600	ug/kg	91	SW846 8270C
Isophorone	670	490	ug/kg	73	SW846 8270C
2-Methylnaphthalene	670	510	ug/kg	76	SW846 8270C
2-Methylphenol	670	560	ug/kg	84	SW846 8270C
4-Methylphenol	1300	950	ug/kg	71	SW846 8270C
Naphthalene	670	480	ug/kg	72	SW846 8270C
2-Nitroaniline	670	540	ug/kg	81	SW846 8270C
3-Nitroaniline	670	420	ug/kg	63	SW846 8270C
4-Nitroaniline	670	500	ug/kg	76	SW846 8270C
Nitrobenzene	670	490	ug/kg	73	SW846 8270C
2-Nitrophenol	670	460	ug/kg	69	SW846 8270C
4-Nitrophenol	**670**	**530**	**ug/kg**	**79**	**SW846 8270C**
N-Nitrosodimethylamine	670	510	ug/kg	76	SW846 8270C
N-Nitrosodiphenylamine	670	500	ug/kg	75	SW846 8270C
N-Nitrosodi-n-propyl-amine	**670**	**500**	**ug/kg**	**75**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4PNL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G270000-158

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Pentachlorophenol	**670**	**440**	**ug/kg**	**66**	**SW846 8270C**
Phenanthrene	670	520	ug/kg	79	SW846 8270C
Phenol	**670**	**500**	**ug/kg**	**75**	**SW846 8270C**
Pyrene	**670**	**520**	**ug/kg**	**78**	**SW846 8270C**
Pyridine	670	470	ug/kg	70	SW846 8270C
1,2,4-Trichloro-benzene	**670**	**470**	**ug/kg**	**70**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	530	ug/kg	79	SW846 8270C
2,4,6-Trichloro-phenol	670	480	ug/kg	72	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	73	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	92	(41 - 119)
Phenol-d5	75	(28 - 110)
2-Fluorophenol	80	(26 - 110)
2,4,6-Tribromophenol	82	(10 - 118)

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 EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXJ1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-001 L4JXJ1A7-MSD
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/26/10
Prep Batch #...: 0203292
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dioxane	20	(10 - 110)			SW846 8270C
	17	(10 - 110)	16	(0-30)	SW846 8270C
Acenaphthene	**53**	**(10 - 200)**			**SW846 8270C**
	52	**(10 - 200)**	**1.8**	**(0-30)**	**SW846 8270C**
Acenaphthylene	54	(10 - 200)			SW846 8270C
	54	(10 - 200)	0.30	(0-30)	SW846 8270C
Acetophenone	43 a	(50 - 130)			SW846 8270C
	36 a	(50 - 130)	18	(0-30)	SW846 8270C
Aniline	23	(10 - 130)			SW846 8270C
	20	(10 - 130)	12	(0-30)	SW846 8270C
Anthracene	65	(10 - 200)			SW846 8270C
	64	(10 - 200)	0.92	(0-30)	SW846 8270C
Benzo(a)anthracene	70	(10 - 200)			SW846 8270C
	68	(10 - 200)	0.95	(0-30)	SW846 8270C
Benzo(a)pyrene	61	(10 - 200)			SW846 8270C
	60	(10 - 200)	1.4	(0-30)	SW846 8270C
Benzo(b)fluoranthene	77	(10 - 200)			SW846 8270C
	70	(10 - 200)	8.9	(0-30)	SW846 8270C
Benzo(ghi)perylene	73	(10 - 200)			SW846 8270C
	71	(10 - 200)	2.8	(0-30)	SW846 8270C
Benzo(k)fluoranthene	67	(10 - 200)			SW846 8270C
	70	(10 - 200)	5.1	(0-30)	SW846 8270C
Benzyl alcohol	35	(10 - 130)			SW846 8270C
	27	(10 - 130)	26	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	65	(44 - 120)			SW846 8270C
	64	(44 - 120)	1.2	(0-30)	SW846 8270C
Butyl benzyl phthalate	75	(43 - 138)			SW846 8270C
	72	(43 - 138)	2.2	(0-30)	SW846 8270C
4-Chloroaniline	36	(11 - 110)			SW846 8270C
	32	(11 - 110)	12	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	47	(36 - 110)			SW846 8270C
	40	(36 - 110)	16	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	45	(32 - 118)			SW846 8270C
	40	(32 - 118)	12	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXJ1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-001 L4JXJ1A7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	44	(25 - 124)			SW846 8270C
	39	(25 - 124)	11	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**54**	**(32 - 117)**			**SW846 8270C**
	51	**(32 - 117)**	**4.9**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	52	(40 - 110)			SW846 8270C
	50	(40 - 110)	3.7	(0-30)	SW846 8270C
2-Chlorophenol	**43**	**(32 - 110)**			**SW846 8270C**
	37	**(32 - 110)**	**15**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	63	(47 - 116)			SW846 8270C
	62	(47 - 116)	1.4	(0-30)	SW846 8270C
Chrysene	65	(10 - 200)			SW846 8270C
	64	(10 - 200)	1.5	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	72	(10 - 200)			SW846 8270C
	69	(10 - 200)	4.2	(0-30)	SW846 8270C
Dibenzofuran	58	(10 - 200)			SW846 8270C
	57	(10 - 200)	1.5	(0-30)	SW846 8270C
Di-n-butyl phthalate	76	(31 - 145)			SW846 8270C
	74	(31 - 145)	2.8	(0-30)	SW846 8270C
1,2-Dichlorobenzene	42	(29 - 110)			SW846 8270C
	36	(29 - 110)	15	(0-30)	SW846 8270C
1,3-Dichlorobenzene	40	(29 - 110)			SW846 8270C
	35	(29 - 110)	13	(0-30)	SW846 8270C
1,4-Dichlorobenzene	**46**	**(26 - 110)**			**SW846 8270C**
	40	**(26 - 110)**	**14**	**(0-30)**	**SW846 8270C**
3,3'-Dichlorobenzidine	42	(10 - 110)			SW846 8270C
	40	(10 - 110)	4.5	(0-30)	SW846 8270C
2,4-Dichlorophenol	52	(33 - 110)			SW846 8270C
	46	(33 - 110)	12	(0-30)	SW846 8270C
Diethyl phthalate	65	(48 - 118)			SW846 8270C
	66	(48 - 118)	1.8	(0-30)	SW846 8270C
2,4-Dimethylphenol	48	(19 - 114)			SW846 8270C
	44	(19 - 114)	7.2	(0-30)	SW846 8270C
Dimethyl phthalate	63	(47 - 116)			SW846 8270C
	65	(47 - 116)	4.1	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	37	(10 - 110)			SW846 8270C
	28	(10 - 110)	28	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXJ1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-001 L4JXJ1A7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-Dinitrophenol	29	(10 - 110)			SW846 8270C
	0.0 a,p	(10 - 110)	200	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**71**	**(42 - 118)**			**SW846 8270C**
	68	**(42 - 118)**	**3.4**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	70	(28 - 137)			SW846 8270C
	68	(28 - 137)	2.4	(0-30)	SW846 8270C
Di-n-octyl phthalate	73	(10 - 182)			SW846 8270C
	69	(10 - 182)	3.9	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	67	(10 - 200)			SW846 8270C
	65	(10 - 200)	2.6	(0-30)	SW846 8270C
Fluoranthene	82	(10 - 200)			SW846 8270C
	76	(10 - 200)	5.6	(0-30)	SW846 8270C
Fluorene	61	(10 - 187)			SW846 8270C
	61	(10 - 187)	0.97	(0-30)	SW846 8270C
Hexachlorobenzene	66	(37 - 122)			SW846 8270C
	63	(37 - 122)	3.9	(0-30)	SW846 8270C
Hexachlorobutadiene	40	(30 - 110)			SW846 8270C
	33	(30 - 110)	16	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	19	(10 - 110)			SW846 8270C
	14	(10 - 110)	29	(0-30)	SW846 8270C
Hexachloroethane	43	(13 - 110)			SW846 8270C
	35	(13 - 110)	18	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	73	(10 - 200)			SW846 8270C
	71	(10 - 200)	1.2	(0-30)	SW846 8270C
Isophorone	46	(32 - 129)			SW846 8270C
	41	(32 - 129)	11	(0-30)	SW846 8270C
2-Methylnaphthalene	49	(10 - 200)			SW846 8270C
	43	(10 - 200)	12	(0-30)	SW846 8270C
2-Methylphenol	51	(19 - 124)			SW846 8270C
	44	(19 - 124)	14	(0-30)	SW846 8270C
4-Methylphenol	105	(27 - 116)			SW846 8270C
	91	(27 - 116)	13	(0-30)	SW846 8270C
Naphthalene	44	(10 - 200)			SW846 8270C
	37	(10 - 200)	16	(0-30)	SW846 8270C
2-Nitroaniline	63	(31 - 141)			SW846 8270C
	64	(31 - 141)	2.2	(0-30)	SW846 8270C
3-Nitroaniline	59	(24 - 110)			SW846 8270C
	58	(24 - 110)	0.18	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXJ1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-001 L4JXJ1A7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Nitroaniline	64	(23 - 124)			SW846 8270C
	62	(23 - 124)	1.2	(0-30)	SW846 8270C
Nitrobenzene	44	(33 - 111)			SW846 8270C
	39	(33 - 111)	12	(0-30)	SW846 8270C
2-Nitrophenol	37	(17 - 110)			SW846 8270C
	20 p	(17 - 110)	60	(0-30)	SW846 8270C
4-Nitrophenol	**33**	**(10 - 125)**			**SW846 8270C**
	34	**(10 - 125)**	**3.2**	**(0-30)**	**SW846 8270C**
N-Nitrosodimethylamine	47	(10 - 130)			SW846 8270C
	44	(10 - 130)	5.4	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	61	(10 - 169)			SW846 8270C
	60	(10 - 169)	1.9	(0-30)	SW846 8270C
N-Nitrosodi-n-propyl-amine	**47**	**(30 - 121)**			**SW846 8270C**
	41	**(30 - 121)**	**13**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**35**	**(10 - 182)**			**SW846 8270C**
	23 p	**(10 - 182)**	**43**	**(0-30)**	**SW846 8270C**
Phenanthrene	65	(10 - 200)			SW846 8270C
	64	(10 - 200)	1.5	(0-30)	SW846 8270C
Phenol	**46**	**(10 - 144)**			**SW846 8270C**
	39	**(10 - 144)**	**15**	**(0-30)**	**SW846 8270C**
Pyrene	**76**	**(10 - 200)**			**SW846 8270C**
	73	**(10 - 200)**	**3.2**	**(0-30)**	**SW846 8270C**
Pyridine	31	(10 - 110)			SW846 8270C
	27	(10 - 110)	14	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	**40**	**(33 - 110)**			**SW846 8270C**
	34	**(33 - 110)**	**17**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	48	(32 - 112)			SW846 8270C
	36	(32 - 112)	29	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	46	(22 - 110)			SW846 8270C
	24 p	(22 - 110)	63	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	42	(24 - 112)
	37	(24 - 112)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXJ1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-001 L4JXJ1A7-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	47	(34 - 110)
	45	(34 - 110)
Terphenyl-d14	81	(41 - 119)
	78	(41 - 119)
Phenol-d5	44	(28 - 110)
	37	(28 - 110)
2-Fluorophenol	44	(26 - 110)
	37	(26 - 110)
2,4,6-Tribromophenol	50	(10 - 118)
	34	(10 - 118)

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.

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXJ1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-001 L4JXJ1A7-MSD
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/26/10
Prep Batch #...: 0203292
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,4-Dioxane	ND	690	140	ug/kg	20		SW846 8270C
	ND	700	120	ug/kg	17	16	SW846 8270C
Acenaphthene	**ND**	**690**	**370**	**ug/kg**	**53**		**SW846 8270C**
	ND	**700**	**360**	**ug/kg**	**52**	**1.8**	**SW846 8270C**
Acenaphthylene	ND	690	380	ug/kg	54		SW846 8270C
	ND	700	380	ug/kg	54	0.30	SW846 8270C
Acetophenone	ND	690	300	ug/kg	43 a		SW846 8270C
	ND	700	250	ug/kg	36 a	18	SW846 8270C
Aniline	ND	690	160	ug/kg	23		SW846 8270C
	ND	700	140	ug/kg	20	12	SW846 8270C
Anthracene	ND	690	450	ug/kg	65		SW846 8270C
	ND	700	450	ug/kg	64	0.92	SW846 8270C
Benzo(a)anthracene	ND	690	480	ug/kg	70		SW846 8270C
	ND	700	480	ug/kg	68	0.95	SW846 8270C
Benzo(a)pyrene	ND	690	420	ug/kg	61		SW846 8270C
	ND	700	420	ug/kg	60	1.4	SW846 8270C
Benzo(b)fluoranthene	ND	690	530	ug/kg	77		SW846 8270C
	ND	700	490	ug/kg	70	8.9	SW846 8270C
Benzo(ghi)perylene	ND	690	510	ug/kg	73		SW846 8270C
	ND	700	490	ug/kg	71	2.8	SW846 8270C
Benzo(k)fluoranthene	ND	690	470	ug/kg	67		SW846 8270C
	ND	700	490	ug/kg	70	5.1	SW846 8270C
Benzyl alcohol	ND	690	250	ug/kg	35		SW846 8270C
	ND	700	190	ug/kg	27	26	SW846 8270C
4-Bromophenyl phenyl ether	ND	690	450	ug/kg	65		SW846 8270C
	ND	700	450	ug/kg	64	1.2	SW846 8270C
Butyl benzyl phthalate	ND	690	520	ug/kg	75		SW846 8270C
	ND	700	500	ug/kg	72	2.2	SW846 8270C
4-Chloroaniline	ND	690	250	ug/kg	36		SW846 8270C
	ND	700	220	ug/kg	32	12	SW846 8270C
bis(2-Chloroethoxy) methane	ND	690	330	ug/kg	47		SW846 8270C
	ND	700	280	ug/kg	40	16	SW846 8270C
bis(2-Chloroethyl)-ether	ND	690	310	ug/kg	45		SW846 8270C
	ND	700	280	ug/kg	40	12	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXJ1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-001 L4JXJ1A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	690	300	ug/kg	44		SW846 8270C
	ND	700	270	ug/kg	39	11	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**690**	**370**	**ug/kg**	**54**		**SW846 8270C**
	ND	**700**	**360**	**ug/kg**	**51**	**4.9**	**SW846 8270C**
2-Chloronaphthalene	ND	690	360	ug/kg	52		SW846 8270C
	ND	700	350	ug/kg	50	3.7	SW846 8270C
2-Chlorophenol	**ND**	**690**	**300**	**ug/kg**	**43**		**SW846 8270C**
	ND	**700**	**250**	**ug/kg**	**37**	**15**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	690	440	ug/kg	63		SW846 8270C
	ND	700	430	ug/kg	62	1.4	SW846 8270C
Chrysene	ND	690	450	ug/kg	65		SW846 8270C
	ND	700	440	ug/kg	64	1.5	SW846 8270C
Dibenz(a,h)anthracene	ND	690	500	ug/kg	72		SW846 8270C
	ND	700	480	ug/kg	69	4.2	SW846 8270C
Dibenzofuran	ND	690	400	ug/kg	58		SW846 8270C
	ND	700	400	ug/kg	57	1.5	SW846 8270C
Di-n-butyl phthalate	ND	690	530	ug/kg	76		SW846 8270C
	ND	700	510	ug/kg	74	2.8	SW846 8270C
1,2-Dichlorobenzene	ND	690	290	ug/kg	42		SW846 8270C
	ND	700	250	ug/kg	36	15	SW846 8270C
1,3-Dichlorobenzene	ND	690	280	ug/kg	40		SW846 8270C
	ND	700	240	ug/kg	35	13	SW846 8270C
1,4-Dichlorobenzene	**ND**	**690**	**320**	**ug/kg**	**46**		**SW846 8270C**
	ND	**700**	**280**	**ug/kg**	**40**	**14**	**SW846 8270C**
3,3'-Dichlorobenzidine	ND	690	290	ug/kg	42		SW846 8270C
	ND	700	280	ug/kg	40	4.5	SW846 8270C
2,4-Dichlorophenol	ND	690	360	ug/kg	52		SW846 8270C
	ND	700	320	ug/kg	46	12	SW846 8270C
Diethyl phthalate	ND	690	450	ug/kg	65		SW846 8270C
	ND	700	460	ug/kg	66	1.8	SW846 8270C
2,4-Dimethylphenol	ND	690	330	ug/kg	48		SW846 8270C
	ND	700	310	ug/kg	44	7.2	SW846 8270C
Dimethyl phthalate	ND	690	430	ug/kg	63		SW846 8270C
	ND	700	450	ug/kg	65	4.1	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	690	260	ug/kg	37		SW846 8270C
	ND	700	190	ug/kg	28	28	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXJ1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-001 L4JXJ1A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4-Dinitrophenol	ND	690	200	ug/kg	29		SW846 8270C
	ND	700	0.0	ug/kg	0.0	200	SW846 8270C
	Qualifiers:	a,p					
2,4-Dinitrotoluene	**ND**	**690**	**490**	**ug/kg**	**71**		**SW846 8270C**
	ND	**700**	**470**	**ug/kg**	**68**	**3.4**	**SW846 8270C**
2,6-Dinitrotoluene	ND	690	490	ug/kg	70		SW846 8270C
	ND	700	480	ug/kg	68	2.4	SW846 8270C
Di-n-octyl phthalate	ND	690	500	ug/kg	73		SW846 8270C
	ND	700	480	ug/kg	69	3.9	SW846 8270C
bis(2-Ethylhexyl) phthalate	26	690	490	ug/kg	67		SW846 8270C
	26	700	480	ug/kg	65	2.6	SW846 8270C
Fluoranthene	23	690	590	ug/kg	82		SW846 8270C
	23	700	560	ug/kg	76	5.6	SW846 8270C
Fluorene	ND	690	420	ug/kg	61		SW846 8270C
	ND	700	430	ug/kg	61	0.97	SW846 8270C
Hexachlorobenzene	ND	690	460	ug/kg	66		SW846 8270C
	ND	700	440	ug/kg	63	3.9	SW846 8270C
Hexachlorobutadiene	ND	690	270	ug/kg	40		SW846 8270C
	ND	700	230	ug/kg	33	16	SW846 8270C
Hexachlorocyclopenta-diene	ND	690	130	ug/kg	19		SW846 8270C
	ND	700	100	ug/kg	14	29	SW846 8270C
Hexachloroethane	ND	690	300	ug/kg	43		SW846 8270C
	ND	700	250	ug/kg	35	18	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	690	500	ug/kg	73		SW846 8270C
	ND	700	500	ug/kg	71	1.2	SW846 8270C
Isophorone	ND	690	320	ug/kg	46		SW846 8270C
	ND	700	290	ug/kg	41	11	SW846 8270C
2-Methylnaphthalene	ND	690	340	ug/kg	49		SW846 8270C
	ND	700	300	ug/kg	43	12	SW846 8270C
2-Methylphenol	ND	690	350	ug/kg	51		SW846 8270C
	ND	700	310	ug/kg	44	14	SW846 8270C
4-Methylphenol	ND	690	730	ug/kg	105		SW846 8270C
	ND	700	640	ug/kg	91	13	SW846 8270C
Naphthalene	ND	690	300	ug/kg	44		SW846 8270C
	ND	700	260	ug/kg	37	16	SW846 8270C
2-Nitroaniline	ND	690	440	ug/kg	63		SW846 8270C
	ND	700	440	ug/kg	64	2.2	SW846 8270C
3-Nitroaniline	ND	690	410	ug/kg	59		SW846 8270C
	ND	700	410	ug/kg	58	0.18	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXJ1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-001 L4JXJ1A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Nitroaniline	ND	690	440	ug/kg	64		SW846 8270C
	ND	700	440	ug/kg	62	1.2	SW846 8270C
Nitrobenzene	ND	690	300	ug/kg	44		SW846 8270C
	ND	700	270	ug/kg	39	12	SW846 8270C
2-Nitrophenol	ND	690	250	ug/kg	37		SW846 8270C
	ND	700	140	ug/kg	20 p	60	SW846 8270C
4-Nitrophenol	**ND**	**690**	**230**	**ug/kg**	**33**		**SW846 8270C**
	ND	**700**	**240**	**ug/kg**	**34**	**3.2**	**SW846 8270C**
N-Nitrosodimethylamine	ND	690	320	ug/kg	47		SW846 8270C
	ND	700	310	ug/kg	44	5.4	SW846 8270C
N-Nitrosodiphenylamine	ND	690	430	ug/kg	61		SW846 8270C
	ND	700	420	ug/kg	60	1.9	SW846 8270C
N-Nitrosodi-n-propyl-amine	**ND**	**690**	**320**	**ug/kg**	**47**		**SW846 8270C**
	ND	**700**	**290**	**ug/kg**	**41**	**13**	**SW846 8270C**
Pentachlorophenol	**ND**	**690**	**240**	**ug/kg**	**35**		**SW846 8270C**
	ND	**700**	**160**	**ug/kg**	**23 p**	**43**	**SW846 8270C**
Phenanthrene	ND	690	450	ug/kg	65		SW846 8270C
	ND	700	450	ug/kg	64	1.5	SW846 8270C
Phenol	**ND**	**690**	**320**	**ug/kg**	**46**		**SW846 8270C**
	ND	**700**	**270**	**ug/kg**	**39**	**15**	**SW846 8270C**
Pyrene	**ND**	**690**	**530**	**ug/kg**	**76**		**SW846 8270C**
	ND	**700**	**510**	**ug/kg**	**73**	**3.2**	**SW846 8270C**
Pyridine	ND	690	210	ug/kg	31		SW846 8270C
	ND	700	190	ug/kg	27	14	SW846 8270C
1,2,4-Trichloro-benzene	**ND**	**690**	**280**	**ug/kg**	**40**		**SW846 8270C**
	ND	**700**	**240**	**ug/kg**	**34**	**17**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	690	330	ug/kg	48		SW846 8270C
	ND	700	250	ug/kg	36	29	SW846 8270C
2,4,6-Trichloro-phenol	ND	690	320	ug/kg	46		SW846 8270C
	ND	700	170	ug/kg	24 p	63	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	42	(24 - 112)
	37	(24 - 112)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXJ1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-001 L4JXJ1A7-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	47	(34 - 110)
	45	(34 - 110)
Terphenyl-d14	81	(41 - 119)
	78	(41 - 119)
Phenol-d5	44	(28 - 110)
	37	(28 - 110)
2-Fluorophenol	44	(26 - 110)
	37	(26 - 110)
2,4,6-Tribromophenol	50	(10 - 118)
	34	(10 - 118)

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.

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXR1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-003 L4JXR1A7-MSD
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dioxane	31	(10 - 110)			SW846 8270C
	30	(10 - 110)	2.5	(0-30)	SW846 8270C
Acenaphthene	**69**	**(10 - 200)**			**SW846 8270C**
	67	**(10 - 200)**	**3.4**	**(0-30)**	**SW846 8270C**
Acenaphthylene	69	(10 - 200)			SW846 8270C
	66	(10 - 200)	4.6	(0-30)	SW846 8270C
Acetophenone	72	(50 - 130)			SW846 8270C
	77	(50 - 130)	6.3	(0-30)	SW846 8270C
Aniline	42	(10 - 130)			SW846 8270C
	39	(10 - 130)	6.5	(0-30)	SW846 8270C
Anthracene	73	(10 - 200)			SW846 8270C
	74	(10 - 200)	1.9	(0-30)	SW846 8270C
Benzo(a)anthracene	74	(10 - 200)			SW846 8270C
	75	(10 - 200)	1.9	(0-30)	SW846 8270C
Benzo(a)pyrene	67	(10 - 200)			SW846 8270C
	71	(10 - 200)	5.0	(0-30)	SW846 8270C
Benzo(b)fluoranthene	78	(10 - 200)			SW846 8270C
	81	(10 - 200)	3.6	(0-30)	SW846 8270C
Benzo(ghi)perylene	75	(10 - 200)			SW846 8270C
	78	(10 - 200)	3.7	(0-30)	SW846 8270C
Benzo(k)fluoranthene	69	(10 - 200)			SW846 8270C
	74	(10 - 200)	6.9	(0-30)	SW846 8270C
Benzyl alcohol	43	(10 - 130)			SW846 8270C
	41	(10 - 130)	4.0	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	72	(44 - 120)			SW846 8270C
	73	(44 - 120)	2.1	(0-30)	SW846 8270C
Butyl benzyl phthalate	75	(43 - 138)			SW846 8270C
	78	(43 - 138)	4.3	(0-30)	SW846 8270C
4-Chloroaniline	50	(11 - 110)			SW846 8270C
	51	(11 - 110)	0.52	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	67	(36 - 110)			SW846 8270C
	61	(36 - 110)	8.2	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	71	(32 - 118)			SW846 8270C
	64	(32 - 118)	11	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXR1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-003 L4JXR1A7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	69	(25 - 124)			SW846 8270C
	61	(25 - 124)	12	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**71**	**(32 - 117)**			**SW846 8270C**
	72	**(32 - 117)**	**2.0**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	67	(40 - 110)			SW846 8270C
	62	(40 - 110)	8.0	(0-30)	SW846 8270C
2-Chlorophenol	**64**	**(32 - 110)**			**SW846 8270C**
	59	**(32 - 110)**	**8.0**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	73	(47 - 116)			SW846 8270C
	74	(47 - 116)	0.60	(0-30)	SW846 8270C
Chrysene	68	(10 - 200)			SW846 8270C
	72	(10 - 200)	5.3	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	77	(10 - 200)			SW846 8270C
	80	(10 - 200)	4.3	(0-30)	SW846 8270C
Dibenzofuran	70	(10 - 200)			SW846 8270C
	69	(10 - 200)	0.97	(0-30)	SW846 8270C
Di-n-butyl phthalate	82	(31 - 145)			SW846 8270C
	86	(31 - 145)	4.1	(0-30)	SW846 8270C
1,2-Dichlorobenzene	66	(29 - 110)			SW846 8270C
	57	(29 - 110)	15	(0-30)	SW846 8270C
1,3-Dichlorobenzene	62	(29 - 110)			SW846 8270C
	52	(29 - 110)	17	(0-30)	SW846 8270C
1,4-Dichlorobenzene	**69**	**(26 - 110)**			**SW846 8270C**
	59	**(26 - 110)**	**16**	**(0-30)**	**SW846 8270C**
3,3'-Dichlorobenzidine	51	(10 - 110)			SW846 8270C
	56	(10 - 110)	11	(0-30)	SW846 8270C
2,4-Dichlorophenol	68	(33 - 110)			SW846 8270C
	66	(33 - 110)	3.0	(0-30)	SW846 8270C
Diethyl phthalate	74	(48 - 118)			SW846 8270C
	77	(48 - 118)	4.6	(0-30)	SW846 8270C
2,4-Dimethylphenol	68	(19 - 114)			SW846 8270C
	64	(19 - 114)	6.0	(0-30)	SW846 8270C
Dimethyl phthalate	71	(47 - 116)			SW846 8270C
	72	(47 - 116)	1.1	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	44	(10 - 110)			SW846 8270C
	48	(10 - 110)	9.3	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXR1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-003 L4JXR1A7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-Dinitrophenol	18	(10 - 110)			SW846 8270C
	19	(10 - 110)	4.0	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**77**	**(42 - 118)**			**SW846 8270C**
	80	**(42 - 118)**	**2.8**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	76	(28 - 137)			SW846 8270C
	77	(28 - 137)	0.77	(0-30)	SW846 8270C
Di-n-octyl phthalate	79	(10 - 182)			SW846 8270C
	83	(10 - 182)	5.4	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	79	(10 - 200)			SW846 8270C
	82	(10 - 200)	3.4	(0-30)	SW846 8270C
Fluoranthene	80	(10 - 200)			SW846 8270C
	81	(10 - 200)	1.6	(0-30)	SW846 8270C
Fluorene	73	(10 - 187)			SW846 8270C
	72	(10 - 187)	0.18	(0-30)	SW846 8270C
Hexachlorobenzene	70	(37 - 122)			SW846 8270C
	71	(37 - 122)	1.8	(0-30)	SW846 8270C
Hexachlorobutadiene	62	(30 - 110)			SW846 8270C
	53	(30 - 110)	15	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	1.8 a	(10 - 110)			SW846 8270C
	7.2 a,p	(10 - 110)	119	(0-30)	SW846 8270C
Hexachloroethane	63	(13 - 110)			SW846 8270C
	54	(13 - 110)	14	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	77	(10 - 200)			SW846 8270C
	80	(10 - 200)	3.8	(0-30)	SW846 8270C
Isophorone	67	(32 - 129)			SW846 8270C
	61	(32 - 129)	8.7	(0-30)	SW846 8270C
2-Methylnaphthalene	69	(10 - 200)			SW846 8270C
	63	(10 - 200)	8.6	(0-30)	SW846 8270C
2-Methylphenol	81	(19 - 124)			SW846 8270C
	74	(19 - 124)	8.6	(0-30)	SW846 8270C
4-Methylphenol	135 a	(27 - 116)			SW846 8270C
	127 a	(27 - 116)	6.6	(0-30)	SW846 8270C
Naphthalene	66	(10 - 200)			SW846 8270C
	59	(10 - 200)	11	(0-30)	SW846 8270C
2-Nitroaniline	72	(31 - 141)			SW846 8270C
	73	(31 - 141)	0.82	(0-30)	SW846 8270C
3-Nitroaniline	65	(24 - 110)			SW846 8270C
	68	(24 - 110)	5.9	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXR1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-003 L4JXR1A7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Nitroaniline	74	(23 - 124)			SW846 8270C
	79	(23 - 124)	6.7	(0-30)	SW846 8270C
Nitrobenzene	65	(33 - 111)			SW846 8270C
	59	(33 - 111)	10	(0-30)	SW846 8270C
2-Nitrophenol	63	(17 - 110)			SW846 8270C
	56	(17 - 110)	12	(0-30)	SW846 8270C
4-Nitrophenol	**61**	**(10 - 125)**			**SW846 8270C**
	66	**(10 - 125)**	**8.0**	**(0-30)**	**SW846 8270C**
N-Nitrosodimethylamine	68	(10 - 130)			SW846 8270C
	56	(10 - 130)	18	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	68	(10 - 169)			SW846 8270C
	70	(10 - 169)	2.6	(0-30)	SW846 8270C
N-Nitrosodi-n-propyl-amine	**69**	**(30 - 121)**			**SW846 8270C**
	63	**(30 - 121)**	**8.9**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**42**	**(10 - 182)**			**SW846 8270C**
	44	**(10 - 182)**	**3.5**	**(0-30)**	**SW846 8270C**
Phenanthrene	71	(10 - 200)			SW846 8270C
	72	(10 - 200)	1.3	(0-30)	SW846 8270C
Phenol	**68**	**(10 - 144)**			**SW846 8270C**
	62	**(10 - 144)**	**8.0**	**(0-30)**	**SW846 8270C**
Pyrene	**71**	**(10 - 200)**			**SW846 8270C**
	75	**(10 - 200)**	**4.9**	**(0-30)**	**SW846 8270C**
Pyridine	41	(10 - 110)			SW846 8270C
	35	(10 - 110)	15	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	**62**	**(33 - 110)**			**SW846 8270C**
	55	**(33 - 110)**	**13**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	63	(32 - 112)			SW846 8270C
	63	(32 - 112)	1.2	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	61	(22 - 110)			SW846 8270C
	60	(22 - 110)	1.8	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
	68	(24 - 112)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXR1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-003 L4JXR1A7-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	66	(34 - 110)
	70	(34 - 110)
Terphenyl-d14	83	(41 - 119)
	101	(41 - 119)
Phenol-d5	70	(28 - 110)
	75	(28 - 110)
2-Fluorophenol	71	(26 - 110)
	75	(26 - 110)
2,4,6-Tribromophenol	63	(10 - 118)
	80	(10 - 118)

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.

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXR1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-003 L4JXR1A7-MSD
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
Prep Date.....: 07/27/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0208158
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,4-Dioxane	ND	750	230	ug/kg	31		SW846 8270C
	ND	750	230	ug/kg	30	2.5	SW846 8270C
Acenaphthene	**ND**	**750**	**520**	**ug/kg**	**69**		**SW846 8270C**
	ND	**750**	**500**	**ug/kg**	**67**	**3.4**	**SW846 8270C**
Acenaphthylene	ND	750	520	ug/kg	69		SW846 8270C
	ND	750	490	ug/kg	66	4.6	SW846 8270C
Acetophenone	ND	750	540	ug/kg	72		SW846 8270C
	ND	750	570	ug/kg	77	6.3	SW846 8270C
Aniline	ND	750	310	ug/kg	42		SW846 8270C
	ND	750	290	ug/kg	39	6.5	SW846 8270C
Anthracene	ND	750	550	ug/kg	73		SW846 8270C
	ND	750	560	ug/kg	74	1.9	SW846 8270C
Benzo(a)anthracene	ND	750	550	ug/kg	74		SW846 8270C
	ND	750	560	ug/kg	75	1.9	SW846 8270C
Benzo(a)pyrene	ND	750	500	ug/kg	67		SW846 8270C
	ND	750	530	ug/kg	71	5.0	SW846 8270C
Benzo(b)fluoranthene	12	750	600	ug/kg	78		SW846 8270C
	12	750	620	ug/kg	81	3.6	SW846 8270C
Benzo(ghi)perylene	ND	750	560	ug/kg	75		SW846 8270C
	ND	750	580	ug/kg	78	3.7	SW846 8270C
Benzo(k)fluoranthene	ND	750	510	ug/kg	69		SW846 8270C
	ND	750	550	ug/kg	74	6.9	SW846 8270C
Benzyl alcohol	ND	750	320	ug/kg	43		SW846 8270C
	ND	750	310	ug/kg	41	4.0	SW846 8270C
4-Bromophenyl phenyl ether	ND	750	540	ug/kg	72		SW846 8270C
	ND	750	550	ug/kg	73	2.1	SW846 8270C
Butyl benzyl phthalate	ND	750	560	ug/kg	75		SW846 8270C
	ND	750	580	ug/kg	78	4.3	SW846 8270C
4-Chloroaniline	ND	750	380	ug/kg	50		SW846 8270C
	ND	750	380	ug/kg	51	0.52	SW846 8270C
bis(2-Chloroethoxy) methane	ND	750	500	ug/kg	67		SW846 8270C
	ND	750	460	ug/kg	61	8.2	SW846 8270C
bis(2-Chloroethyl)-ether	ND	750	530	ug/kg	71		SW846 8270C
	ND	750	480	ug/kg	64	11	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXR1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-003 L4JXR1A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	750	510	ug/kg	69		SW846 8270C
	ND	750	460	ug/kg	61	12	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**750**	**530**	**ug/kg**	**71**		**SW846 8270C**
	ND	**750**	**540**	**ug/kg**	**72**	**2.0**	**SW846 8270C**
2-Chloronaphthalene	ND	750	500	ug/kg	67		SW846 8270C
	ND	750	460	ug/kg	62	8.0	SW846 8270C
2-Chlorophenol	**ND**	**750**	**480**	**ug/kg**	**64**		**SW846 8270C**
	ND	**750**	**440**	**ug/kg**	**59**	**8.0**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	750	550	ug/kg	73		SW846 8270C
	ND	750	550	ug/kg	74	0.60	SW846 8270C
Chrysene	9.2	750	520	ug/kg	68		SW846 8270C
	9.2	750	550	ug/kg	72	5.3	SW846 8270C
Dibenz(a,h)anthracene	ND	750	580	ug/kg	77		SW846 8270C
	ND	750	600	ug/kg	80	4.3	SW846 8270C
Dibenzofuran	ND	750	520	ug/kg	70		SW846 8270C
	ND	750	520	ug/kg	69	0.97	SW846 8270C
Di-n-butyl phthalate	ND	750	620	ug/kg	82		SW846 8270C
	ND	750	640	ug/kg	86	4.1	SW846 8270C
1,2-Dichlorobenzene	ND	750	490	ug/kg	66		SW846 8270C
	ND	750	420	ug/kg	57	15	SW846 8270C
1,3-Dichlorobenzene	ND	750	470	ug/kg	62		SW846 8270C
	ND	750	390	ug/kg	52	17	SW846 8270C
1,4-Dichlorobenzene	**ND**	**750**	**520**	**ug/kg**	**69**		**SW846 8270C**
	ND	**750**	**440**	**ug/kg**	**59**	**16**	**SW846 8270C**
3,3'-Dichlorobenzidine	ND	750	380	ug/kg	51		SW846 8270C
	ND	750	420	ug/kg	56	11	SW846 8270C
2,4-Dichlorophenol	ND	750	510	ug/kg	68		SW846 8270C
	ND	750	490	ug/kg	66	3.0	SW846 8270C
Diethyl phthalate	ND	750	550	ug/kg	74		SW846 8270C
	ND	750	580	ug/kg	77	4.6	SW846 8270C
2,4-Dimethylphenol	ND	750	510	ug/kg	68		SW846 8270C
	ND	750	480	ug/kg	64	6.0	SW846 8270C
Dimethyl phthalate	ND	750	530	ug/kg	71		SW846 8270C
	ND	750	540	ug/kg	72	1.1	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	750	330	ug/kg	44		SW846 8270C
	ND	750	360	ug/kg	48	9.3	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXR1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-003 L4JXR1A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4-Dinitrophenol	ND	750	140	ug/kg	18		SW846 8270C
	ND	750	140	ug/kg	19	4.0	SW846 8270C
2,4-Dinitrotoluene	**ND**	**750**	**580**	**ug/kg**	**77**		**SW846 8270C**
	ND	**750**	**600**	**ug/kg**	**80**	**2.8**	**SW846 8270C**
2,6-Dinitrotoluene	ND	750	570	ug/kg	76		SW846 8270C
	ND	750	570	ug/kg	77	0.77	SW846 8270C
Di-n-octyl phthalate	ND	750	590	ug/kg	79		SW846 8270C
	ND	750	620	ug/kg	83	5.4	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	750	610	ug/kg	79		SW846 8270C
	ND	750	630	ug/kg	82	3.4	SW846 8270C
Fluoranthene	16	750	610	ug/kg	80		SW846 8270C
	16	750	620	ug/kg	81	1.6	SW846 8270C
Fluorene	ND	750	540	ug/kg	73		SW846 8270C
	ND	750	540	ug/kg	72	0.18	SW846 8270C
Hexachlorobenzene	ND	750	530	ug/kg	70		SW846 8270C
	ND	750	530	ug/kg	71	1.8	SW846 8270C
Hexachlorobutadiene	ND	750	460	ug/kg	62		SW846 8270C
	ND	750	400	ug/kg	53	15	SW846 8270C
Hexachlorocyclopenta-diene	ND	750		ug/kg	1.8 a		SW846 8270C
	ND	750	54	ug/kg	7.2	119	SW846 8270C
	Qualifiers:	a,p					
Hexachloroethane	ND	750	470	ug/kg	63		SW846 8270C
	ND	750	410	ug/kg	54	14	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	750	580	ug/kg	77		SW846 8270C
	ND	750	600	ug/kg	80	3.8	SW846 8270C
Isophorone	ND	750	500	ug/kg	67		SW846 8270C
	ND	750	460	ug/kg	61	8.7	SW846 8270C
2-Methylnaphthalene	ND	750	520	ug/kg	69		SW846 8270C
	ND	750	470	ug/kg	63	8.6	SW846 8270C
2-Methylphenol	ND	750	600	ug/kg	81		SW846 8270C
	ND	750	560	ug/kg	74	8.6	SW846 8270C
4-Methylphenol	ND	750	1000	ug/kg	135 a		SW846 8270C
	ND	750	950	ug/kg	127 a	6.6	SW846 8270C
Naphthalene	ND	750	490	ug/kg	66		SW846 8270C
	ND	750	440	ug/kg	59	11	SW846 8270C
2-Nitroaniline	ND	750	540	ug/kg	72		SW846 8270C
	ND	750	540	ug/kg	73	0.82	SW846 8270C
3-Nitroaniline	ND	750	480	ug/kg	65		SW846 8270C
	ND	750	510	ug/kg	68	5.9	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXR1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-003 L4JXR1A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Nitroaniline	ND	750	550	ug/kg	74		SW846 8270C
	ND	750	590	ug/kg	79	6.7	SW846 8270C
Nitrobenzene	ND	750	490	ug/kg	65		SW846 8270C
	ND	750	440	ug/kg	59	10	SW846 8270C
2-Nitrophenol	ND	750	470	ug/kg	63		SW846 8270C
	ND	750	420	ug/kg	56	12	SW846 8270C
4-Nitrophenol	**ND**	**750**	**460**	**ug/kg**	**61**		**SW846 8270C**
	ND	**750**	**500**	**ug/kg**	**66**	**8.0**	**SW846 8270C**
N-Nitrosodimethylamine	ND	750	510	ug/kg	68		SW846 8270C
	ND	750	420	ug/kg	56	18	SW846 8270C
N-Nitrosodiphenylamine	ND	750	510	ug/kg	68		SW846 8270C
	ND	750	520	ug/kg	70	2.6	SW846 8270C
N-Nitrosodi-n-propyl-amine	**ND**	**750**	**520**	**ug/kg**	**69**		**SW846 8270C**
	ND	**750**	**470**	**ug/kg**	**63**	**8.9**	**SW846 8270C**
Pentachlorophenol	**ND**	**750**	**320**	**ug/kg**	**42**		**SW846 8270C**
	ND	**750**	**330**	**ug/kg**	**44**	**3.5**	**SW846 8270C**
Phenanthrene	ND	750	530	ug/kg	71		SW846 8270C
	ND	750	540	ug/kg	72	1.3	SW846 8270C
Phenol	**ND**	**750**	**510**	**ug/kg**	**68**		**SW846 8270C**
	ND	**750**	**470**	**ug/kg**	**62**	**8.0**	**SW846 8270C**
Pyrene	**10**	**750**	**540**	**ug/kg**	**71**		**SW846 8270C**
	10	**750**	**570**	**ug/kg**	**75**	**4.9**	**SW846 8270C**
Pyridine	ND	750	310	ug/kg	41		SW846 8270C
	ND	750	260	ug/kg	35	15	SW846 8270C
1,2,4-Trichloro-benzene	**ND**	**750**	**460**	**ug/kg**	**62**		**SW846 8270C**
	ND	**750**	**410**	**ug/kg**	**55**	**13**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	750	470	ug/kg	63		SW846 8270C
	ND	750	470	ug/kg	63	1.2	SW846 8270C
2,4,6-Trichloro-phenol	ND	750	450	ug/kg	61		SW846 8270C
	ND	750	450	ug/kg	60	1.8	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
	68	(24 - 112)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JXR1A6-MS **Matrix.....:** SL
MS Lot-Sample #: A0G220521-003 L4JXR1A7-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	66	(34 - 110)
	70	(34 - 110)
Terphenyl-d14	83	(41 - 119)
	101	(41 - 119)
Phenol-d5	70	(28 - 110)
	75	(28 - 110)
2-Fluorophenol	71	(26 - 110)
	75	(26 - 110)
2,4,6-Tribromophenol	63	(10 - 118)
	80	(10 - 118)

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.

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

POLYCHLORINATED BIPHENYLS DATA

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-001 **Work Order #...:** L4JXJ1AD **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 4.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	22
Aroclor 1221	ND	34	ug/kg	17
Aroclor 1232	ND	34	ug/kg	15
Aroclor 1242	ND	34	ug/kg	14
Aroclor 1248	ND	34	ug/kg	18
Aroclor 1254	ND	34	ug/kg	18
Aroclor 1260	ND	34	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	70	(10 - 196)
Decachlorobiphenyl	66	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-002 **Work Order #...:** L4JXQ1AK **Matrix.....:** SL
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.14 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	25
Aroclor 1221	ND	39	ug/kg	19
Aroclor 1232	ND	39	ug/kg	17
Aroclor 1242	ND	39	ug/kg	16
Aroclor 1248	ND	39	ug/kg	20
Aroclor 1254	ND	39	ug/kg	20
Aroclor 1260	ND	39	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(10 - 196)
Decachlorobiphenyl	43	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-003 **Work Order #...:** L4JXR1AE **Matrix.....:** SL
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 196)
Decachlorobiphenyl	66	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-004 **Work Order #...:** L4JXW1AK **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 5.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	22
Aroclor 1221	ND	35	ug/kg	17
Aroclor 1232	ND	35	ug/kg	15
Aroclor 1242	ND	35	ug/kg	14
Aroclor 1248	ND	35	ug/kg	18
Aroclor 1254	ND	35	ug/kg	18
Aroclor 1260	ND	35	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(10 - 196)
Decachlorobiphenyl	57	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-005 **Work Order #...:** L4JX01AK **Matrix.....:** SL
Date Sampled...: 07/21/10 08:30 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 2.1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	21
Aroclor 1221	ND	34	ug/kg	16
Aroclor 1232	ND	34	ug/kg	14
Aroclor 1242	ND	34	ug/kg	13
Aroclor 1248	ND	34	ug/kg	17
Aroclor 1254	ND	34	ug/kg	17
Aroclor 1260	ND	34	ug/kg	17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	30	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-006 **Work Order #...:** L4JX11AK **Matrix.....:** SL
Date Sampled...: 07/21/10 08:40 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 3.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	22
Aroclor 1221	ND	34	ug/kg	17
Aroclor 1232	ND	34	ug/kg	15
Aroclor 1242	ND	34	ug/kg	13
Aroclor 1248	ND	34	ug/kg	18
Aroclor 1254	ND	34	ug/kg	18
Aroclor 1260	ND	34	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	70	(10 - 196)
Decachlorobiphenyl	39	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-007 **Work Order #...:** L4JX21AK **Matrix.....:** SL
Date Sampled...: 07/21/10 08:45 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	25
Aroclor 1221	ND	39	ug/kg	19
Aroclor 1232	ND	39	ug/kg	17
Aroclor 1242	ND	39	ug/kg	15
Aroclor 1248	ND	39	ug/kg	20
Aroclor 1254	ND	39	ug/kg	20
Aroclor 1260	ND	39	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 196)
Decachlorobiphenyl	14	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-008 **Work Order #...:** L4JX31AK **Matrix.....:** SL
Date Sampled...: 07/21/10 08:50 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 3.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	22
Aroclor 1221	ND	34	ug/kg	17
Aroclor 1232	ND	34	ug/kg	15
Aroclor 1242	ND	34	ug/kg	14
Aroclor 1248	ND	34	ug/kg	18
Aroclor 1254	ND	34	ug/kg	18
Aroclor 1260	ND	34	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	58	(10 - 196)
Decachlorobiphenyl	41	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-009 **Work Order #...:** L4JX41AK **Matrix.....:** SL
Date Sampled...: 07/21/10 09:00 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.11 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 3.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	22
Aroclor 1221	ND	34	ug/kg	17
Aroclor 1232	ND	34	ug/kg	14
Aroclor 1242	ND	34	ug/kg	13
Aroclor 1248	ND	34	ug/kg	18
Aroclor 1254	ND	34	ug/kg	18
Aroclor 1260	ND	34	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 196)
Decachlorobiphenyl	37	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-010 **Work Order #...:** L4JX51AK **Matrix.....:** SL
Date Sampled...: 07/21/10 09:05 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 4.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	22
Aroclor 1221	ND	34	ug/kg	17
Aroclor 1232	ND	34	ug/kg	15
Aroclor 1242	ND	34	ug/kg	14
Aroclor 1248	ND	34	ug/kg	18
Aroclor 1254	ND	34	ug/kg	18
Aroclor 1260	ND	34	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(10 - 196)
Decachlorobiphenyl	21	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-011 **Work Order #...:** L4JX61AK **Matrix.....:** SL
Date Sampled...: 07/21/10 09:15 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.07 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 3.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	22
Aroclor 1221	ND	34	ug/kg	17
Aroclor 1232	ND	34	ug/kg	14
Aroclor 1242	ND	34	ug/kg	13
Aroclor 1248	ND	34	ug/kg	18
Aroclor 1254	ND	34	ug/kg	18
Aroclor 1260	ND	34	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(10 - 196)
Decachlorobiphenyl	48	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

GC Semivolatiles

Lot-Sample #...: A0G220521-012 **Work Order #...:** L4JX81AK **Matrix.....:** SL
Date Sampled...: 07/21/10 09:20 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 3.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	22
Aroclor 1221	ND	34	ug/kg	17
Aroclor 1232	ND	34	ug/kg	15
Aroclor 1242	ND	34	ug/kg	13
Aroclor 1248	ND	34	ug/kg	18
Aroclor 1254	ND	34	ug/kg	18
Aroclor 1260	ND	34	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 196)
Decachlorobiphenyl	79	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

GC Semivolatiles

Lot-Sample #...: A0G220521-013 **Work Order #...:** L4JX91AK **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 8.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	17
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	18
Aroclor 1254	ND	36	ug/kg	18
Aroclor 1260	ND	36	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(10 - 196)
Decachlorobiphenyl	50	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J3Q1AA **Matrix.....:** SOLID
MB Lot-Sample #: A0G220000-285

Prep Date.....: 07/23/10 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 07/28/10 **Prep Batch #...:** 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(10 - 196)
Decachlorobiphenyl	22	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4J3Q1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G220000-285
Prep Date.....: 07/23/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**105**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**102**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 196)
Decachlorobiphenyl	70	(10 - 199)

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 #...: 0G22521 **Work Order #...:** L4J3Q1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0G220000-285
Prep Date.....: 07/23/10 **Analysis Date..:** 07/28/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**350**	**ug/kg**	**105**	**SW846 8082**
Aroclor 1260	**330**	**340**	**ug/kg**	**102**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 196)
Decachlorobiphenyl	70	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JH21AR-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G220464-001 L4JH21AT-MSD
Date Sampled...: 07/20/10 10:00 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.12 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 18

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**125**	**(10 - 199)**			**SW846 8082**
	94	**(10 - 199)**	**28**	**(0-30)**	**SW846 8082**
Aroclor 1260	**115**	**(10 - 199)**			**SW846 8082**
	85	**(10 - 199)**	**30**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	116	(10 - 196)
	71	(10 - 196)
Decachlorobiphenyl	106	(10 - 199)
	80	(10 - 199)

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.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 0G22521 **Work Order #...:** L4JH21AR-MS **Matrix.....:** SOLID
MS Lot-Sample #: A0G220464-001 L4JH21AT-MSD
Date Sampled...: 07/20/10 10:00 **Date Received..:** 07/22/10
Prep Date.....: 07/23/10 **Analysis Date..:** 07/27/10
Prep Batch #...: 0203285
Dilution Factor: 1 **Initial Wgt/Vol:** 30.12 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 18

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**400**	**500**	**ug/kg**	**125**		**SW846 8082**
	ND	**400**	**380**	**ug/kg**	**94**	**28**	**SW846 8082**
Aroclor 1260	**ND**	**400**	**460**	**ug/kg**	**115**		**SW846 8082**
	ND	**400**	**340**	**ug/kg**	**85**	**30**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	116	(10 - 196)
	71	(10 - 196)
Decachlorobiphenyl	106	(10 - 199)
	80	(10 - 199)

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.

METALS DATA

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-001 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
% Moisture.....: 4.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.13 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AJ**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.10		
Aluminum	**25800 E**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AV**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 10.0		
Arsenic	**0.59 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AK**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.31		
Barium	**286 J,E**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AW**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.074		
Beryllium	**8.5 E**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AX**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JXJ1AL
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.038		
Cobalt	**1.1 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AM**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.17		
Chromium	**23.0 E**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AN**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Copper	**0.84 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1A0**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.77		
Iron	**1820 E**	**10.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1A1**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.1		

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-001 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JXJ1AH
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Manganese	**2770 E**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1A2**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.077		
Nickel	**0.29 B**	**4.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1A3**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.28		
Lead	**0.35**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AP**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.20		
Antimony	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JXJ1AQ
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Selenium	**3.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AR**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.47		
Tin	ND	10.4	mg/kg	SW846 6010B	07/23-07/26/10	L4JXJ1A4
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.52		
Thallium	**7.4**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AT**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.57		
Vanadium	**24.1 E**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AU**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.12		
Zinc	**9.5 J,E**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1A5**
		Dilution Factor: 1		Analysis Time..: 09:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-001 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**35.5**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JXJ1AG**
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

E Matrix interference.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-002 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.20 B**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AQ**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.12		
Aluminum	**28400**	**23.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A3**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 11.5		
Arsenic	**0.44 B**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AR**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.36		
Barium	**332 J**	**23.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A4**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.085		
Beryllium	**9.6**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A5**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.051		
Cadmium	ND	0.24	mg/kg	SW846 6010B	07/23-07/26/10	L4JXQ1AT
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.043		
Cobalt	**1.3 B**	**6.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AU**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.19		
Chromium	**21.8**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AV**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.24		
Copper	**0.93 B**	**3.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A6**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.89		
Iron	**1370**	**12.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A7**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.9		

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-002 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.12	mg/kg	SW846 7471A	07/23-07/26/10	L4JXQ1AP
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Manganese	**2980**	**1.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A8**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.089		
Nickel	ND	4.8	mg/kg	SW846 6010B	07/23-07/26/10	L4JXQ1A9
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.32		
Lead	**0.26 B**	**0.36**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AW**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.23		
Antimony	**0.75 B**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AX**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.47		
Selenium	**3.1**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A0**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.54		
Tin	ND	12.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JXQ1CA
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.60		
Thallium	**9.0**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A1**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Vanadium	**25.7**	**6.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A2**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.14		
Zinc	**12.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1CC**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.2		

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-002 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**40.7**	**6.0**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JXQ1AN**
		Dilution Factor: 1		Analysis Time..: 14:08	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.42		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-003 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.23 B**	**0.56**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AG**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.11		
Aluminum	**26800**	**22.5**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AT**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 10.8		
Arsenic	**0.48 B**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AH**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.34		
Barium	**291 J**	**22.5**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AU**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.080		
Beryllium	**8.6**	**0.56**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AV**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.048		
Cadmium	ND	0.22	mg/kg	SW846 6010B	07/23-07/26/10	L4JXR1AJ
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.040		
Cobalt	**1.2 B**	**5.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AK**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.18		
Chromium	**23.2**	**0.56**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AL**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.22		
Copper	**1.8 B**	**2.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AW**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.83		
Iron	**1310**	**11.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AX**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.5		

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-003 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.11	mg/kg	SW846 7471A	07/23-07/26/10	L4JXR1AF
		Dilution Factor: 1		Analysis Time..: 11:55	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Manganese	**3160**	**1.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1A0**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.083		
Nickel	ND	4.5	mg/kg	SW846 6010B	07/23-07/26/10	L4JXR1A1
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.30		
Lead	**0.46**	**0.34**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AM**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Antimony	**0.53 B**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AN**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.44		
Selenium	**3.5**	**0.56**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AP**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.51		
Tin	ND	11.2	mg/kg	SW846 6010B	07/23-07/26/10	L4JXR1A2
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.56		
Thallium	**9.1**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AQ**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.62		
Vanadium	**27.1**	**5.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AR**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.13		
Zinc	**4.1 J**	**2.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1A3**
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.1		

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-003 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**39.9**	**5.6**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JXR1AC**
		Dilution Factor: 1		Analysis Time..: 14:13	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.40		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-004 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
% Moisture.....: 5.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.32 B**	**0.53**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AQ**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.11		
Aluminum	**27700**	**21.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A3**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 10.2		
Arsenic	**0.61 B**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AR**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.32		
Barium	**285 J**	**21.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A4**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.075		
Beryllium	**8.6**	**0.53**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A5**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.046		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JXW1AT
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.038		
Cobalt	**1.3 B**	**5.3**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AU**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.17		
Chromium	**20.0**	**0.53**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AV**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Copper	**1.6 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AA**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.78		
Iron	**1460**	**10.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AC**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.2		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-004 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.11	mg/kg	SW846 7471A	07/23-07/26/10	L4JXW1AP
		Dilution Factor: 1		Analysis Time..: 12:01	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Manganese	**3050**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AD**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.078		
Nickel	ND	4.2	mg/kg	SW846 6010B	07/23-07/26/10	L4JXW1AE
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.29		
Lead	**0.26 B**	**0.32**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AW**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.20		
Antimony	**0.49 B**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AX**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Selenium	**3.1**	**0.53**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A0**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.48		
Tin	ND	10.6	mg/kg	SW846 6010B	07/23-07/26/10	L4JXW1AF
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.53		
Thallium	**8.8**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A1**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.58		
Vanadium	**25.1**	**5.3**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A2**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.13		
Zinc	**4.3 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AG**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.1		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-004 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**35.9**	**5.3**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JXW1AN**
		Dilution Factor: 1		Analysis Time..: 14:17	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-005 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:30 **Date Received..:** 07/22/10
% Moisture.....: 2.1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	ND G	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JX01AQ
		Dilution Factor: 2		Analysis Time..: 23:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.20		
Aluminum	**27100**	**20.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A3**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 9.8		
Arsenic	**0.52 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AR**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.31		
Barium	**283 J**	**20.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A4**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.073		
Beryllium	**8.3**	**0.51**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A5**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.044		
Cadmium	ND	0.20	mg/kg	SW846 6010B	07/23-07/26/10	L4JX01AT
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.037		
Cobalt	**1.3 B**	**5.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AU**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.16		
Chromium	**25.7**	**0.51**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AV**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.20		
Copper	**1.1 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AA**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.76		
Iron	**1560**	**10.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AC**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-005 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX01AP
		Dilution Factor: 1		Analysis Time..: 12:05	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.015		
Manganese	**3900**	**3.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AD**
		Dilution Factor: 2		Analysis Time..: 23:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.15		
Nickel	ND	4.1	mg/kg	SW846 6010B	07/23-07/26/10	L4JX01AE
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.28		
Lead	**0.37**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AW**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.19		
Antimony	**0.42 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AX**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.40		
Selenium	**3.7**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A0**
		Dilution Factor: 2		Analysis Time..: 23:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.92		
Tin	ND	10.2	mg/kg	SW846 6010B	07/23-07/26/10	L4JX01AF
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.51		
Thallium	**12.7**	**2.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A1**
		Dilution Factor: 2		Analysis Time..: 23:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.1		
Vanadium	**31.3**	**5.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A2**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.12		
Zinc	**5.0 J**	**2.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AG**
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-005 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**38.0**	**5.1**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX01AN**
		Dilution Factor: 1		Analysis Time..: 13:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.36		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-006 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:40 **Date Received..:** 07/22/10
% Moisture.....: 3.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	ND G	1.0	mg/kg	SW846 6010B	07/23-07/27/10	L4JX11AQ
		Dilution Factor: 2		Analysis Time..: 00:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Aluminum	**30000**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11A3**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 10		
Arsenic	**0.70 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AR**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.31		
Barium	**336 J**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11A4**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.074		
Beryllium	**9.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11A5**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX11AT
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.037		
Cobalt	**1.2 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AU**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.17		
Chromium	**23.7**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AV**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Copper	**0.80 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AA**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.77		
Iron	**1630**	**10.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AC**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.1		

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-006 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX11AP
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Manganese	**3600**	**3.1**	**mg/kg**	**SW846 6010B**	**07/23-07/27/10**	**L4JX11AD**
		Dilution Factor: 2		Analysis Time..: 00:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.15		
Nickel	ND	4.1	mg/kg	SW846 6010B	07/23-07/26/10	L4JX11AE
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.28		
Lead	**0.27 B**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AW**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.20		
Antimony	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JX11AX
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.40		
Selenium	**3.7**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/27/10**	**L4JX11A0**
		Dilution Factor: 2		Analysis Time..: 00:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.93		
Tin	ND	10.4	mg/kg	SW846 6010B	07/23-07/26/10	L4JX11AF
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.52		
Thallium	**11.1**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/27/10**	**L4JX11A1**
		Dilution Factor: 2		Analysis Time..: 00:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.1		
Vanadium	**29.1**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11A2**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.12		
Zinc	**9.7 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AG**
		Dilution Factor: 1		Analysis Time..: 10:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-006 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**41.5**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX11AN**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.36		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-007 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:45 **Date Received..:** 07/22/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.17 B**	**0.59**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AQ**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.12		
Aluminum	**25600**	**23.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A3**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 11.4		
Arsenic	**0.76 B**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AR**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.36		
Barium	**289 J**	**23.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A4**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.084		
Beryllium	**7.6**	**0.59**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A5**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.051		
Cadmium	ND	0.24	mg/kg	SW846 6010B	07/23-07/26/10	L4JX21AT
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.043		
Cobalt	**1.2 B**	**5.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AU**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.19		
Chromium	**21.2**	**0.59**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AV**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.24		
Copper	**0.97 B**	**3.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AA**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.88		
Iron	**1280**	**11.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AC**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.8		

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-007 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.12	mg/kg	SW846 7471A	07/23-07/26/10	L4JX21AP
		Dilution Factor: 1		Analysis Time..: 11:54	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Manganese	**3030**	**1.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AD**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.088		
Nickel	ND	4.8	mg/kg	SW846 6010B	07/23-07/26/10	L4JX21AE
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.32		
Lead	**0.34 B**	**0.36**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AW**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.23		
Antimony	ND	1.2	mg/kg	SW846 6010B	07/23-07/26/10	L4JX21AX
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Selenium	**3.2**	**0.59**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A0**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.54		
Tin	ND	11.9	mg/kg	SW846 6010B	07/23-07/26/10	L4JX21AF
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.59		
Thallium	**8.8**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A1**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.65		
Vanadium	**26.9**	**5.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A2**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.14		
Zinc	**4.3 J**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AG**
		Dilution Factor: 1		Analysis Time..: 10:25	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.2		

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-007 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**42.3**	**5.9**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX21AN**
		Dilution Factor: 1		Analysis Time..: 13:09	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.42		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-008 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:50 **Date Received..:** 07/22/10
% Moisture.....: 3.8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.16 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AQ**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.10		
Aluminum	**26300**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A3**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 10		
Arsenic	**0.45 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AR**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.31		
Barium	**282 J**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A4**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.074		
Beryllium	**8.4**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A5**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX31AT
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.037		
Cobalt	**1.3 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AU**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.17		
Chromium	**20.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AV**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Copper	**0.79 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AA**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.77		
Iron	**1310**	**10.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AC**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.1		

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-008 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX31AP
		Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Manganese	**2820**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AD**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.077		
Nickel	ND	4.2	mg/kg	SW846 6010B	07/23-07/26/10	L4JX31AE
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.28		
Lead	**0.29 B**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AW**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.20		
Antimony	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JX31AX
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Selenium	**3.1**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A0**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.47		
Tin	ND	10.4	mg/kg	SW846 6010B	07/23-07/26/10	L4JX31AF
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.52		
Thallium	**8.5**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A1**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.57		
Vanadium	**23.1**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A2**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.12		
Zinc	**9.2 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AG**
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-008 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**36.5**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX31AN**
		Dilution Factor: 1		Analysis Time..: 13:14	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-009 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:00 **Date Received..:** 07/22/10
% Moisture.....: 3.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.20 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AQ**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.10		
Aluminum	**28000**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A3**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 9.9		
Arsenic	**0.59 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AR**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.31		
Barium	**298 J**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A4**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.073		
Beryllium	**8.9**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A5**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX41AT
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.037		
Cobalt	**1.1 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AU**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.17		
Chromium	**23.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AV**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Copper	**0.88 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AA**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.77		
Iron	**2400**	**10.3**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AC**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.1		

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-009 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX41AP
		Dilution Factor: 1		Analysis Time..: 12:02	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Manganese	**2910**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AD**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.077		
Nickel	ND	4.1	mg/kg	SW846 6010B	07/23-07/26/10	L4JX41AE
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.28		
Lead	**0.22 B**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AW**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.20		
Antimony	**0.41 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AX**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.40		
Selenium	**3.6**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A0**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.47		
Tin	ND	10.3	mg/kg	SW846 6010B	07/23-07/26/10	L4JX41AF
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.52		
Thallium	**8.2**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A1**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.57		
Vanadium	**27.1**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A2**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.12		
Zinc	**8.0 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AG**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.0		

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-009 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**37.2**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX41AN**
		Dilution Factor: 1		Analysis Time..: 13:19	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.36		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-010 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:05 **Date Received..:** 07/22/10
% Moisture.....: 4.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.20 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AQ**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.10		
Aluminum	**28400**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A3**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 10.0		
Arsenic	**0.59 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AR**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.31		
Barium	**339 J**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A4**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.074		
Beryllium	**9.4**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A5**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX51AT
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.038		
Cobalt	**1.1 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AU**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.17		
Chromium	**24.2**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AV**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Copper	**2.0 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AA**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.77		
Iron	**1700**	**10.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AC**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.1		

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-010 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX51AP
		Dilution Factor: 1		Analysis Time..: 12:00	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Manganese	**3040**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AD**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.077		
Nickel	**0.37 B**	**4.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AE**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.28		
Lead	**0.51**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AW**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.20		
Antimony	**0.52 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AX**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Selenium	**4.2**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A0**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.47		
Tin	ND	10.4	mg/kg	SW846 6010B	07/23-07/26/10	L4JX51AF
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.52		
Thallium	**9.0**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A1**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.57		
Vanadium	**28.7**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A2**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.13		
Zinc	**20.6 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AG**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.0		

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-010 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**38.2**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX51AN**
		Dilution Factor: 1		Analysis Time..: 13:23	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-011 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:15 **Date Received..:** 07/22/10
% Moisture.....: 3.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.11 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AQ**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.10		
Aluminum	**28700**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A3**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 9.9		
Arsenic	**0.70 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AR**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.31		
Barium	**308 J**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A4**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.073		
Beryllium	**9.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A5**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.044		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX61AT
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.037		
Cobalt	**0.87 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AU**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.17		
Chromium	**19.2**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AV**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Copper	**1.2 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AA**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.76		
Iron	**1610**	**10.3**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AC**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.1		

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-011 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX61AP
		Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.015		
Manganese	**2720**	**1.5**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AD**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.076		
Nickel	ND	4.1	mg/kg	SW846 6010B	07/23-07/26/10	L4JX61AE
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.28		
Lead	**0.44**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AW**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.20		
Antimony	**0.46 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AX**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.40		
Selenium	**3.6**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A0**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Tin	ND	10.3	mg/kg	SW846 6010B	07/23-07/26/10	L4JX61AF
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.52		
Thallium	**8.3**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A1**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.57		
Vanadium	**22.5**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A2**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.12		
Zinc	**11.7 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AG**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.0		

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-011 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**38.3**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX61AN**
		Dilution Factor: 1		Analysis Time..: 13:28	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.36		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-012 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:20 **Date Received..:** 07/22/10
% Moisture.....: 3.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.20 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AQ**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.10		
Aluminum	**28100**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A3**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 10		
Arsenic	**0.79 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AR**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.31		
Barium	**321 J**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A4**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.074		
Beryllium	**9.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A5**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX81AT
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.037		
Cobalt	**1.2 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AU**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.17		
Chromium	**23.2**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AV**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Copper	**3.4**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AA**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.77		
Iron	**1720**	**10.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AC**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.1		

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-012 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX81AP
		Dilution Factor: 1		Analysis Time..: 11:53	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Manganese	**3030**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AD**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.077		
Nickel	**0.47 B**	**4.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AE**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.28		
Lead	**0.87**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AW**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.20		
Antimony	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JX81AX
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.40		
Selenium	**4.2**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A0**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.47		
Tin	ND	10.4	mg/kg	SW846 6010B	07/23-07/26/10	L4JX81AF
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.52		
Thallium	**9.0**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A1**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.57		
Vanadium	**27.4**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A2**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.12		
Zinc	**39.8 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AG**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.0		

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-012 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**39.4**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX81AN**
		Dilution Factor: 1		Analysis Time..: 13:32	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

TOTAL Metals

Lot-Sample #...: A0G220521-013 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
% Moisture.....: 8.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.20 B**	**0.54**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AQ**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.11		
Aluminum	**27200**	**21.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A3**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 10.4		
Arsenic	**0.67 B**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AR**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.33		
Barium	**285 J**	**21.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A4**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.077		
Beryllium	**8.8**	**0.54**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A5**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.047		
Cadmium	ND	0.22	mg/kg	SW846 6010B	07/23-07/26/10	L4JX91AT
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.039		
Cobalt	**1.1 B**	**5.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AU**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.17		
Chromium	**21.4**	**0.54**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AV**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.22		
Copper	**1.4 B**	**2.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AA**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.80		
Iron	**1430**	**10.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AC**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.3		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

TOTAL Metals

Lot-Sample #...: A0G220521-013 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	ND	0.11	mg/kg	SW846 7471A	07/23-07/26/10	L4JX91AP
		Dilution Factor: 1		Analysis Time..: 12:04	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Manganese	**3120**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AD**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.080		
Nickel	ND	4.3	mg/kg	SW846 6010B	07/23-07/26/10	L4JX91AE
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.29		
Lead	**0.35**	**0.33**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AW**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.21		
Antimony	ND	1.1	mg/kg	SW846 6010B	07/23-07/26/10	L4JX91AX
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.42		
Selenium	**3.3**	**0.54**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A0**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.49		
Tin	ND	10.9	mg/kg	SW846 6010B	07/23-07/26/10	L4JX91AF
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.54		
Thallium	**9.4**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A1**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.60		
Vanadium	**25.6**	**5.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A2**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.13		
Zinc	**4.2 J**	**2.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AG**
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.1		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

TOTAL Metals

Lot-Sample #...: A0G220521-013 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0205038						
Lithium	**34.2**	**5.4**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX91AN**
		Dilution Factor: 1		Analysis Time..: 13:37	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 0.38		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-001 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AE
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	**216**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0Q1AP**
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AF
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**141 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0Q1AQ**
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AR
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AG
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AH
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AJ
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AT
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AU
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-001 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**2.6 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0Q1AV**
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AW
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AK
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AD
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AL
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**35.0 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0Q1AX**
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AM
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**14.5**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0Q1AN**
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1A0
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J0Q1A1
		Dilution Factor: 1		Analysis Time..: 13:47	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-001 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**6.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J0Q1A2**
		Dilution Factor: 1		Analysis Time..: 12:41	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-002 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AH
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AT
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AJ
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**106 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0V1AU**
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AV
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AK
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AL
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AM
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AW
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AX
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-002 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**12.5 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0V1A0**
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1A1
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AN
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AG
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AP
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**35.7 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0V1A2**
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AQ
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**12.3**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0V1AR**
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AA
		Dilution Factor: 1		Analysis Time..: 14:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J0V1AC
		Dilution Factor: 1		Analysis Time..: 14:00	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-002 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**4.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J0V1AD**
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-003 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AH
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AT
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AJ
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**86.8 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0W1AU**
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AV
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AK
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AL
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AM
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AW
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AX
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-003 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**4.8 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0W1A0**
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1A1
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AN
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AG
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AP
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**34.1 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0W1A2**
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AQ
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**14.3**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0W1AR**
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AA
		Dilution Factor: 1		Analysis Time..: 14:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J0W1AC
		Dilution Factor: 1		Analysis Time..: 13:56	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-003 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**5.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J0W1AD**
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-004 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AH
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AT
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AJ
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**90.7 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0X1AU**
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AV
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AK
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AL
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AM
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AW
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AX
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-004 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**6.9 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0X1A0**
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1A1
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AN
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AG
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AP
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**34.4 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0X1A2**
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AQ
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**15.4**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0X1AR**
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AA
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J0X1AC
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-004 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**5.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J0X1AD**
		Dilution Factor: 1		Analysis Time..: 13:15	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-005 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:30 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AH
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J001AT
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AJ
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**65.9 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J001AU**
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AV
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AK
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AL
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AM
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AW
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J001AX
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-005 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**7.7 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J001A0**
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001A1
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AN
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AG
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AP
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**30.6 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J001A2**
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AQ
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**12.3**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J001AR**
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AA
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J001AC
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-005 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**8.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J001AD**
		Dilution Factor: 1		Analysis Time..: 11:54	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-006 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:40 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AH
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	**105 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J011AT**
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AJ
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**63.8 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J011AU**
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AV
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AK
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AL
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AM
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AW
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J011AX
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-006 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**20.4 J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J011A0**
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011A1
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AN
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AG
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AP
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**33.5 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J011A2**
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AQ
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**12.6**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J011AR**
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AA
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J011AC
		Dilution Factor: 1		Analysis Time..: 13:52	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-006 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**7.5 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J011AD**
		Dilution Factor: 1		Analysis Time..: 11:58	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-007 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:45 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AH
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	**100 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J021AT**
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AJ
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**62.6 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J021AU**
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AV
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AK
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AL
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AM
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AW
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J021AX
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-007 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**12.6 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J021A0**
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021A1
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AN
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AG
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AP
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**33.1 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J021A2**
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AQ
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**15.3**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J021AR**
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AA
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J021AC
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-007 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**8.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J021AD**
		Dilution Factor: 1		Analysis Time..: 12:02	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-008 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:50 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AH
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J031AT
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AJ
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**81.9 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J031AU**
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AV
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AK
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AL
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AM
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AW
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J031AX
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-008 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**2.4 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J031A0**
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031A1
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AN
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AG
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AP
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**31.6 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J031A2**
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AQ
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**13.1**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J031AR**
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AA
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J031AC
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-008 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**5.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J031AD**
		Dilution Factor: 1		Analysis Time..: 12:07	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-009 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:00 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AH
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	**809**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J041AT**
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AJ
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**110 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J041AU**
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AV
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AK
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AL
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AM
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AW
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J041AX
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-009 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**0.86 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J041A0**
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041A1
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AN
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AG
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AP
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**34.4 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J041A2**
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AQ
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**14.5**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J041AR**
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AA
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J041AC
		Dilution Factor: 1		Analysis Time..: 14:01	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-009 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**31.5 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J041AD**
		Dilution Factor: 1		Analysis Time..: 12:19	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-010 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:05 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AH
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	**374**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051AT**
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AJ
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**60.7 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051AU**
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AV
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AK
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AL
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AM
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AW
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J051AX
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-010 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**0.85 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051A0**
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051A1
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AN
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AG
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	**6.2**	**5.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051AP**
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**31.1 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051A2**
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AQ
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**12.9**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051AR**
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AA
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J051AC
		Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-010 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**19.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J051AD**
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-011 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:15 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AH
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	**267**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061AT**
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AJ
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**75.0 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061AU**
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AV
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AK
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AL
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AM
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AW
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J061AX
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-011 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**1.8 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061A0**
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061A1
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AN
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AG
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AP
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**32.4 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061A2**
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AQ
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**11.6**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061AR**
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**9.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061AA**
		Dilution Factor: 1		Analysis Time..: 15:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J061AC
		Dilution Factor: 1		Analysis Time..: 14:05	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-011 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**34.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J061AD**
		Dilution Factor: 1		Analysis Time..: 12:28	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-012 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AH
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J071AT
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AJ
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**54.9 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J071AU**
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AV
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AK
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AL
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AM
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AW
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J071AX
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-012 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**0.95 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J071A0**
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071A1
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AN
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AG
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	**5.6**	**5.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J071AP**
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**33.1 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J071A2**
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AQ
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**12.5**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J071AR**
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AA
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J071AC
		Dilution Factor: 1		Analysis Time..: 14:04	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-012 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**24.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J071AD**
		Dilution Factor: 1		Analysis Time..: 12:32	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP Metals

Lot-Sample #...: A0G220525-013 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AH
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J081AT
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AJ
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**94.2 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J081AU**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AV
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AK
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AL
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AM
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AW
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J081AX
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP Metals

Lot-Sample #...: A0G220525-013 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**3.5 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J081A0**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081A1
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AN
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AG
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.8		
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AP
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Tin	**34.4 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J081A2**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AQ
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.7		
Vanadium	**13.9**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J081AR**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AA
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J081AC
		Dilution Factor: 1		Analysis Time..: 13:50	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP Metals

Lot-Sample #...: A0G220525-013 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0208372						
Lithium	**4.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J081AD**
		Dilution Factor: 1		Analysis Time..: 12:37	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

MB Lot-Sample #: A0G230000-018 **Prep Batch #...:** 0204018

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	ND	20.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AN
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		
Antimony	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AJ
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		
Arsenic	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AD
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		
Barium	**0.13 B**	**20.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4KKH1AP**
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		
Beryllium	ND	0.50	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AQ
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		
Cadmium	ND	0.20	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AE
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		
Chromium	ND	0.50	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AG
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		
Cobalt	ND	5.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AF
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		
Copper	ND	2.5	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AR
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		
Iron	ND	10.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AT
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		
Lead	ND	0.30	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AH
		Dilution Factor: 1				
		Analysis Time..: 09:00	Analyst ID.....: 001637	Instrument ID..: I6		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	ND	1.5	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AU
		Dilution Factor: 1				
		Analysis Time..: 09:00		Analyst ID.....: 001637	Instrument ID..: I6	
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4KKH1AA
		Dilution Factor: 1				
		Analysis Time..: 11:45		Analyst ID.....: 001576	Instrument ID..: H1	
Nickel	ND	4.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AV
		Dilution Factor: 1				
		Analysis Time..: 09:00		Analyst ID.....: 001637	Instrument ID..: I6	
Selenium	ND	0.50	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AK
		Dilution Factor: 1				
		Analysis Time..: 09:00		Analyst ID.....: 001637	Instrument ID..: I6	
Silver	ND	0.50	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AC
		Dilution Factor: 1				
		Analysis Time..: 09:00		Analyst ID.....: 001637	Instrument ID..: I6	
Thallium	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AL
		Dilution Factor: 1				
		Analysis Time..: 09:00		Analyst ID.....: 001637	Instrument ID..: I6	
Tin	**2.8 B**	**10.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4KKH1AW**
		Dilution Factor: 1				
		Analysis Time..: 09:00		Analyst ID.....: 001637	Instrument ID..: I6	
Vanadium	ND	5.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AM
		Dilution Factor: 1				
		Analysis Time..: 09:00		Analyst ID.....: 001637	Instrument ID..: I6	
Zinc	**1.7 B**	**2.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4KKH1AX**
		Dilution Factor: 1				
		Analysis Time..: 09:00		Analyst ID.....: 001637	Instrument ID..: I6	

MB Lot-Sample #: C0G240000-038 **Prep Batch #...:** 0205038

Lithium	ND	5.0	mg/kg	SW846 6010B	07/24-07/26/10	L4MHA1AA
		Dilution Factor: 1				
		Analysis Time..: 12:43		Analyst ID.....: 22952	Instrument ID..: 650	

NOTE(S):

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

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

MB Lot-Sample #: A0G220000-296 **Prep Batch #...:** 0207020
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	**116 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J221AQ**
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AE
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AG
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		
Barium	**1.2 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J221AR**
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AT
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AH
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AK
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AJ
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AU
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J221AV
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AL
		Dilution Factor: 1				
		Analysis Time..: 13:42	Analyst ID.....: 001637	Instrument ID..: I6		

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METHOD BLANK REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**1.7 B**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J221AW**
		Dilution Factor: 1				
		Analysis Time..: 13:42		Analyst ID.....: 001637	Instrument ID..: I6	
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AX
		Dilution Factor: 1				
		Analysis Time..: 13:42		Analyst ID.....: 001637	Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AM
		Dilution Factor: 1				
		Analysis Time..: 13:42		Analyst ID.....: 001637	Instrument ID..: I6	
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AF
		Dilution Factor: 1				
		Analysis Time..: 13:42		Analyst ID.....: 001637	Instrument ID..: I6	
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AN
		Dilution Factor: 1				
		Analysis Time..: 13:42		Analyst ID.....: 001637	Instrument ID..: I6	
Tin	**34.4 B**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J221A0**
		Dilution Factor: 1				
		Analysis Time..: 13:42		Analyst ID.....: 001637	Instrument ID..: I6	
Vanadium	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AP
		Dilution Factor: 1				
		Analysis Time..: 13:42		Analyst ID.....: 001637	Instrument ID..: I6	
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221A1
		Dilution Factor: 1				
		Analysis Time..: 13:42		Analyst ID.....: 001637	Instrument ID..: I6	
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J221AC
		Dilution Factor: 1				
		Analysis Time..: 13:43		Analyst ID.....: 001576	Instrument ID..: H1	

MB Lot-Sample #: A0G220000-296 **Prep Batch #...:** 0208372
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

Lithium	ND	50.0	ug/L	SW846 6010B	07/27-07/28/10	L4J221A2
		Dilution Factor: 1				
		Analysis Time..: 11:45		Analyst ID.....: 22952	Instrument ID..: 650	

NOTE(S):

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

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

MB Lot-Sample #: A0G260000-020 **Prep Batch #...:** 0207020

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AM
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AA
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AD
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		
Barium	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AN
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AP
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AE
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AG
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AF
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AQ
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AR
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AH
		Dilution Factor: 1				
		Analysis Time..: 13:49	Analyst ID.....: 001637	Instrument ID..: I6		

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METHOD BLANK REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**0.76 B**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4M9K1AT**
		Dilution Factor: 1				
		Analysis Time..: 13:49		Analyst ID.....: 001637	Instrument ID..: I6	
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AU
		Dilution Factor: 1				
		Analysis Time..: 13:49		Analyst ID.....: 001637	Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AJ
		Dilution Factor: 1				
		Analysis Time..: 13:49		Analyst ID.....: 001637	Instrument ID..: I6	
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AC
		Dilution Factor: 1				
		Analysis Time..: 13:49		Analyst ID.....: 001637	Instrument ID..: I6	
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AK
		Dilution Factor: 1				
		Analysis Time..: 13:49		Analyst ID.....: 001637	Instrument ID..: I6	
Tin	**34.2 B**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4M9K1AV**
		Dilution Factor: 1				
		Analysis Time..: 13:49		Analyst ID.....: 001637	Instrument ID..: I6	
Vanadium	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AL
		Dilution Factor: 1				
		Analysis Time..: 13:49		Analyst ID.....: 001637	Instrument ID..: I6	
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AW
		Dilution Factor: 1				
		Analysis Time..: 13:49		Analyst ID.....: 001637	Instrument ID..: I6	
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4M9K1AX
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 001576	Instrument ID..: H1	

MB Lot-Sample #: C0G270000-372 **Prep Batch #...:** 0208372

Lithium	ND	50.0	ug/L	SW846 6010B	07/27-07/28/10	L4QVP1AA
		Dilution Factor: 1				
		Analysis Time..: 11:41		Analyst ID.....: 22952	Instrument ID..: 650	

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 EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0G230000-018 **Prep Batch #...:** 0204018					
Mercury	98	(73 - 121)	SW846 7471A	07/23-07/26/10	L4KKH1A0
		Dilution Factor: 1	Analysis Time..: 11:46	Analyst ID.....: 001576	
		Instrument ID..: H1			
Silver	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A1
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Arsenic	94	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A2
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Cadmium	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A3
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Cobalt	97	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A4
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Chromium	97	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A5
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Lead	95	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A6
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Antimony	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A7
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	93	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A8
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Thallium	92	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A9
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CA
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Aluminum	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CC
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	97	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CD
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	97	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CE
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Copper	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CF
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Iron	100	(73 - 137)	SW846 6010B	07/23-07/26/10	L4KKH1CG
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Manganese	99	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CH
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Nickel	98	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CJ
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Tin	97	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CK
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			
Zinc	101	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CL
		Dilution Factor: 1	Analysis Time..: 09:06	Analyst ID.....: 001637	
		Instrument ID..: I6			

LCS Lot-Sample#: C0G240000-038 **Prep Batch #...:** 0205038

Lithium	99	(80 - 120)	SW846 6010B	07/24-07/26/10	L4MHA1AC
		Dilution Factor: 1	Analysis Time..: 12:47	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

LCS Lot-Sample#: A0G230000-018 **Prep Batch #...:** 0204018

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	0.83	0.82	mg/kg	98	SW846 7471A	07/23-07/26/10	L4KKH1A0
			Dilution Factor: 1		Analysis Time..: 11:46	Analyst ID.....: 001576	
			Instrument ID..: H1				
Silver	5.0	4.8	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1A1
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Arsenic	200	187	mg/kg	94	SW846 6010B	07/23-07/26/10	L4KKH1A2
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cadmium	5.0	4.8	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1A3
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cobalt	50.0	48.3	mg/kg	97	SW846 6010B	07/23-07/26/10	L4KKH1A4
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Chromium	20.0	19.4	mg/kg	97	SW846 6010B	07/23-07/26/10	L4KKH1A5
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Lead	50.0	47.7	mg/kg	95	SW846 6010B	07/23-07/26/10	L4KKH1A6
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Antimony	50.0	47.8	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1A7
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	200	186	mg/kg	93	SW846 6010B	07/23-07/26/10	L4KKH1A8
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Thallium	200	185	mg/kg	92	SW846 6010B	07/23-07/26/10	L4KKH1A9
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	47.9	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1CA
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Aluminum	200	192	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1CC
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	200	193	mg/kg	97	SW846 6010B	07/23-07/26/10	L4KKH1CD
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	5.0	4.8	mg/kg	97	SW846 6010B	07/23-07/26/10	L4KKH1CE
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Copper	25.0	24.0	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1CF
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Iron	100	99.8	mg/kg	100	SW846 6010B	07/23-07/26/10	L4KKH1CG
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Manganese	50.0	49.6	mg/kg	99	SW846 6010B	07/23-07/26/10	L4KKH1CH
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Nickel	50.0	49.1	mg/kg	98	SW846 6010B	07/23-07/26/10	L4KKH1CJ
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Tin	200	195	mg/kg	97	SW846 6010B	07/23-07/26/10	L4KKH1CK
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				
Zinc	50.0	50.4	mg/kg	101	SW846 6010B	07/23-07/26/10	L4KKH1CL
			Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 001637	
			Instrument ID..: I6				

LCS Lot-Sample#: C0G240000-038 **Prep Batch #...:** 0205038

Lithium	100	99.0	mg/kg	99	SW846 6010B	07/24-07/26/10	L4MHA1AC
			Dilution Factor: 1		Analysis Time..: 12:47	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0G260000-020 **Prep Batch #...:** 0207020					
Antimony	103	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1A0
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Silver	102	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1A1
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Arsenic	98	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1A2
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Cadmium	102	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1A3
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Cobalt	103	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1A4
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Chromium	102	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1A5
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Lead	102	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1A6
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	98	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1A7
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Thallium	100	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1A8
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Vanadium	101	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1A9
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	100	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CA
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	105	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CC
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	98	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CD
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Copper	103	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CE
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Iron	108	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CF
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Manganese	104	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CG
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Nickel	104	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CH
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Tin	103	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CJ
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Zinc	106	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CK
		Dilution Factor: 1	Analysis Time..: 13:55	Analyst ID.....: 001637	
		Instrument ID..: I6			
Mercury	108	(50 - 150)	SW846 7470A	07/26-07/28/10	L4M9K1CL
		Dilution Factor: 1	Analysis Time..: 13:46	Analyst ID.....: 001576	
		Instrument ID..: H1			

LCS Lot-Sample#: C0G270000-372 **Prep Batch #...:** 0208372

Lithium	99	(80 - 120)	SW846 6010B	07/27-07/28/10	L4QVP1AC
		Dilution Factor: 1	Analysis Time..: 11:49	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0G260000-020 **Prep Batch #...:** 0207020							
Antimony	500	513	ug/L	103	SW846 6010B	07/26-07/27/10	L4M9K1A0
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Silver	50.0	51.1	ug/L	102	SW846 6010B	07/26-07/27/10	L4M9K1A1
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Arsenic	2000	1960	ug/L	98	SW846 6010B	07/26-07/27/10	L4M9K1A2
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cadmium	50.0	51.1	ug/L	102	SW846 6010B	07/26-07/27/10	L4M9K1A3
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cobalt	500	517	ug/L	103	SW846 6010B	07/26-07/27/10	L4M9K1A4
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Chromium	200	204	ug/L	102	SW846 6010B	07/26-07/27/10	L4M9K1A5
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Lead	500	510	ug/L	102	SW846 6010B	07/26-07/27/10	L4M9K1A6
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1960	ug/L	98	SW846 6010B	07/26-07/27/10	L4M9K1A7
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Thallium	2000	2000	ug/L	100	SW846 6010B	07/26-07/27/10	L4M9K1A8
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Vanadium	500	503	ug/L	101	SW846 6010B	07/26-07/27/10	L4M9K1A9
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	2000	2000	ug/L	100	SW846 6010B	07/26-07/27/10	L4M9K1CA
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	2090	ug/L	105	SW846 6010B	07/26-07/27/10	L4M9K1CC
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	49.1	ug/L	98	SW846 6010B	07/26-07/27/10	L4M9K1CD
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Copper	250	257	ug/L	103	SW846 6010B	07/26-07/27/10	L4M9K1CE
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Iron	1000	1080	ug/L	108	SW846 6010B	07/26-07/27/10	L4M9K1CF
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Manganese	500	519	ug/L	104	SW846 6010B	07/26-07/27/10	L4M9K1CG
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Nickel	500	520	ug/L	104	SW846 6010B	07/26-07/27/10	L4M9K1CH
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Tin	2000	2070	ug/L	103	SW846 6010B	07/26-07/27/10	L4M9K1CJ
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Zinc	500	532	ug/L	106	SW846 6010B	07/26-07/27/10	L4M9K1CK
			Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	5.4	ug/L	108	SW846 7470A	07/26-07/28/10	L4M9K1CL
			Dilution Factor: 1		Analysis Time..: 13:46	Analyst ID.....: 001576	
			Instrument ID..: H1				

LCS Lot-Sample#: C0G270000-372 **Prep Batch #...:** 0208372

Lithium	1000	986	ug/L	99	SW846 6010B	07/27-07/28/10	L4QVP1AC
			Dilution Factor: 1		Analysis Time..: 11:49	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				

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LABORATORY CONTROL SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0G220521-001 **Prep Batch #...:** 0204018							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1C1
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Antimony	18 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CP
	17 N	(75 - 125)	0.81	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CQ
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Arsenic	64 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CD
	64 N	(75 - 125)	0.57	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CE
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	54 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1C2
	69 N	(75 - 125)	7.3	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1C3
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Beryllium	48 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1C4
	63 N	(75 - 125)	6.6	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1C5
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Cadmium	60 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CF
	60 N	(75 - 125)	1.2	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CG
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	26 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CK
	33 N	(75 - 125)	5.2	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CL
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	61 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CH
	60 N	(75 - 125)	1.3	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CJ
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	67 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1C6
	65 N	(75 - 125)	2.0	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1C7
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	NC,MSB	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1C8
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1C9
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Lead	61 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CM
	61 N	(75 - 125)	0.53	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CN
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	NC,MSB	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1DA
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1DC
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	95	(11 - 192)			SW846 7471A	07/23-07/26/10	L4JXJ1A8
	96	(11 - 192)	1.0	(0-20)	SW846 7471A	07/23-07/26/10	L4JXJ1A9
		Dilution Factor: 1					
		Analysis Time..: 11:49			Instrument ID..: H1	Analyst ID.....: 001576	
Nickel	59 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1DD
	58 N	(75 - 125)	1.2	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1DE
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	60 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CR
	60 N	(75 - 125)	0.47	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CT
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	75	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CA
	74 N	(75 - 125)	0.89	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CC
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	61 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CU
	61 N	(75 - 125)	0.02	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CV
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Tin	56 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1DF
	56 N	(75 - 125)	0.17	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1DG
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	51 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CW
	53 N	(75 - 125)	2.3	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CX
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	68 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1DH
	68 N	(75 - 125)	0.16	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1DJ
		Dilution Factor: 1					
		Analysis Time..: 09:26			Instrument ID..: I6	Analyst ID.....: 001637	

MS Lot-Sample #: A0G220521-001 **Prep Batch #...:** 0205038

Lithium	85	(75 - 125)			SW846 6010B	07/24-07/26/10	L4JXJ1DK
	82	(75 - 125)	2.4	(0-20)	SW846 6010B	07/24-07/26/10	L4JXJ1DL
		Dilution Factor: 1					
		Analysis Time..: 13:59			Instrument ID..: 6500ICP	Analyst ID.....: 22952	

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.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0G220521-001 **Prep Batch #...:** 0204018									
Aluminum									
	25800	208	25600	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1C0
			Qualifiers: NC,MSB						
	25800	208	27100	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 09:26	Instrument ID..: I6				Analyst ID.....: 001637	
Antimony									
	ND	52.1	9.2 N	mg/kg	18		SW846 6010B	07/23-07/26/10	L4JXJ1CP
	ND	52.1	9.1 N	mg/kg	17	0.81	SW846 6010B	07/23-07/26/10	L4JXJ1CQ
			Dilution Factor: 1						
			Analysis Time..: 09:26	Instrument ID..: I6				Analyst ID.....: 001637	
Arsenic									
	0.59	208	135 N	mg/kg	64		SW846 6010B	07/23-07/26/10	L4JXJ1CD
	0.59	208	134 N	mg/kg	64	0.57	SW846 6010B	07/23-07/26/10	L4JXJ1CE
			Dilution Factor: 1						
			Analysis Time..: 09:26	Instrument ID..: I6				Analyst ID.....: 001637	
Barium									
	286	208	400 N	mg/kg	54		SW846 6010B	07/23-07/26/10	L4JXJ1C2
	286	208	430 N	mg/kg	69	7.3	SW846 6010B	07/23-07/26/10	L4JXJ1C3
			Dilution Factor: 1						
			Analysis Time..: 09:26	Instrument ID..: I6				Analyst ID.....: 001637	
Beryllium									
	8.5	5.2	11.0 N	mg/kg	48		SW846 6010B	07/23-07/26/10	L4JXJ1C4
	8.5	5.2	11.7 N	mg/kg	63	6.6	SW846 6010B	07/23-07/26/10	L4JXJ1C5
			Dilution Factor: 1						
			Analysis Time..: 09:26	Instrument ID..: I6				Analyst ID.....: 001637	
Cadmium									
	ND	5.2	3.1 N	mg/kg	60		SW846 6010B	07/23-07/26/10	L4JXJ1CF
	ND	5.2	3.1 N	mg/kg	60	1.2	SW846 6010B	07/23-07/26/10	L4JXJ1CG
			Dilution Factor: 1						
			Analysis Time..: 09:26	Instrument ID..: I6				Analyst ID.....: 001637	
Chromium									
	23.0	20.8	28.4 N	mg/kg	26		SW846 6010B	07/23-07/26/10	L4JXJ1CK
	23.0	20.8	29.9 N	mg/kg	33	5.2	SW846 6010B	07/23-07/26/10	L4JXJ1CL
			Dilution Factor: 1						
			Analysis Time..: 09:26	Instrument ID..: I6				Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	1.1	52.1	32.6 N	mg/kg	61		SW846 6010B	07/23-07/26/10	L4JXJ1CH
	1.1	52.1	32.2 N	mg/kg	60	1.3	SW846 6010B	07/23-07/26/10	L4JXJ1CJ
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	
Copper									
	0.84	26.0	18.2 N	mg/kg	67		SW846 6010B	07/23-07/26/10	L4JXJ1C6
	0.84	26.0	17.8 N	mg/kg	65	2.0	SW846 6010B	07/23-07/26/10	L4JXJ1C7
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	
Iron									
	1820	104	1390	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1C8
			Qualifiers: NC,MSB						
	1820	104	1390	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1C9
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	
Lead									
	0.35	52.1	32.1 N	mg/kg	61		SW846 6010B	07/23-07/26/10	L4JXJ1CM
	0.35	52.1	31.9 N	mg/kg	61	0.53	SW846 6010B	07/23-07/26/10	L4JXJ1CN
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	2770	52.1	2450	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1DA
			Qualifiers: NC,MSB						
	2770	52.1	2710	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1DC
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	0.17	0.17	mg/kg	95		SW846 7471A	07/23-07/26/10	L4JXJ1A8
	ND	0.17	0.17	mg/kg	96	1.0	SW846 7471A	07/23-07/26/10	L4JXJ1A9
			Dilution Factor: 1						
			Analysis Time..: 11:49		Instrument ID..: H1			Analyst ID.....: 001576	
Nickel									
	0.29	52.1	30.9 N	mg/kg	59		SW846 6010B	07/23-07/26/10	L4JXJ1DD
	0.29	52.1	30.5 N	mg/kg	58	1.2	SW846 6010B	07/23-07/26/10	L4JXJ1DE
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	3.0	208	129 N	mg/kg	60		SW846 6010B	07/23-07/26/10	L4JXJ1CR
	3.0	208	128 N	mg/kg	60	0.47	SW846 6010B	07/23-07/26/10	L4JXJ1CT
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	0.13	5.2	4.0	mg/kg	75		SW846 6010B	07/23-07/26/10	L4JXJ1CA
	0.13	5.2	4.0 N	mg/kg	74	0.89	SW846 6010B	07/23-07/26/10	L4JXJ1CC
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	7.4	208	135 N	mg/kg	61		SW846 6010B	07/23-07/26/10	L4JXJ1CU
	7.4	208	134 N	mg/kg	61	0.02	SW846 6010B	07/23-07/26/10	L4JXJ1CV
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	
Tin									
	ND	208	117 N	mg/kg	56		SW846 6010B	07/23-07/26/10	L4JXJ1DF
	ND	208	117 N	mg/kg	56	0.17	SW846 6010B	07/23-07/26/10	L4JXJ1DG
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	24.1	52.1	50.7 N	mg/kg	51		SW846 6010B	07/23-07/26/10	L4JXJ1CW
	24.1	52.1	51.9 N	mg/kg	53	2.3	SW846 6010B	07/23-07/26/10	L4JXJ1CX
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	
Zinc									
	9.5	52.1	45.0 N	mg/kg	68		SW846 6010B	07/23-07/26/10	L4JXJ1DH
	9.5	52.1	45.0 N	mg/kg	68	0.16	SW846 6010B	07/23-07/26/10	L4JXJ1DJ
			Dilution Factor: 1						
			Analysis Time..: 09:26		Instrument ID..: I6			Analyst ID.....: 001637	

MS Lot-Sample #: A0G220521-001 **Prep Batch #...:** 0205038

Lithium									
	35.5	104	124	mg/kg	85		SW846 6010B	07/24-07/26/10	L4JXJ1DK
	35.5	104	121	mg/kg	82	2.4	SW846 6010B	07/24-07/26/10	L4JXJ1DL
			Dilution Factor: 1						
			Analysis Time..: 13:59		Instrument ID..: 6500ICP			Analyst ID.....: 22952	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

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.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0G220525-001 **Prep Batch #...:** 0207020							
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307							
Aluminum	112	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CQ
	100	(50 - 150)	10	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CR
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Antimony	102	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1A3
	98	(50 - 150)	4.3	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1A4
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Arsenic	103	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1A7
	100	(50 - 150)	2.8	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1A8
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	104	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CT
	101	(50 - 150)	3.2	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CU
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Beryllium	106	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CV
	103	(50 - 150)	3.3	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CW
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Cadmium	107	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1A9
	104	(50 - 150)	2.9	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CA
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	106	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CE
	103	(50 - 150)	3.1	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CF
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	93	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CC
	91	(50 - 150)	2.0	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CD
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	106	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CX
	101	(50 - 150)	4.2	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1C0
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	111	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1C1
	112	(50 - 150)	1.5	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1C2
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Lead	106	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CG
	103	(50 - 150)	3.4	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CH
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	106	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1C3
	103	(50 - 150)	3.2	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1C4
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	107	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1C5
	104	(50 - 150)	2.5	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1C6
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	96	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CJ
	93	(50 - 150)	3.4	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CK
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	105	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1A5
	103	(50 - 150)	2.4	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1A6
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	102	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CL
	97	(50 - 150)	4.7	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CM
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	
Tin	104	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1C7
	101	(50 - 150)	2.9	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1C8
		Dilution Factor: 5					
		Analysis Time..: 14:15			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	104	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CN
	101	(50 - 150)	3.3	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CP

Dilution Factor: 5
Analysis Time..: 14:15 Instrument ID..: I6 Analyst ID.....: 001637

Zinc	113	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1C9
	108	(50 - 150)	4.5	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1DA

Dilution Factor: 5
Analysis Time..: 14:15 Instrument ID..: I6 Analyst ID.....: 001637

Mercury	102	(50 - 150)			SW846 7470A	07/26-07/28/10	L4J0Q1DC
	110	(50 - 150)	7.6	(0-20)	SW846 7470A	07/26-07/28/10	L4J0Q1DD

Dilution Factor: 1
Analysis Time..: 13:48 Instrument ID..: H1 Analyst ID.....: 001576

MS Lot-Sample #: A0G220525-001 **Prep Batch #...:** 0208372
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

Lithium	99	(75 - 125)			SW846 6010B	07/27-07/28/10	L4J0Q1DE
	100	(75 - 125)	0.37	(0-20)	SW846 6010B	07/27-07/28/10	L4J0Q1DF

Dilution Factor: 1
Analysis Time..: 12:50 Instrument ID..: 6500ICP Analyst ID.....: 22952

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

MS Lot-Sample #: A0G220525-001 **Prep Batch #...:** 0207020
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum									
	216	2000	2460	ug/L	112		SW846 6010B	07/26-07/27/10	L4J0Q1CQ
	216	2000	2220	ug/L	100	10	SW846 6010B	07/26-07/27/10	L4J0Q1CR
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Antimony									
	ND	500	512	ug/L	102		SW846 6010B	07/26-07/27/10	L4J0Q1A3
	ND	500	491	ug/L	98	4.3	SW846 6010B	07/26-07/27/10	L4J0Q1A4
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Arsenic									
	ND	5000	5170	ug/L	103		SW846 6010B	07/26-07/27/10	L4J0Q1A7
	ND	5000	5020	ug/L	100	2.8	SW846 6010B	07/26-07/27/10	L4J0Q1A8
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Barium									
	141	50000	52300	ug/L	104		SW846 6010B	07/26-07/27/10	L4J0Q1CT
	141	50000	50600	ug/L	101	3.2	SW846 6010B	07/26-07/27/10	L4J0Q1CU
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Beryllium									
	ND	50.0	53.0	ug/L	106		SW846 6010B	07/26-07/27/10	L4J0Q1CV
	ND	50.0	51.3	ug/L	103	3.3	SW846 6010B	07/26-07/27/10	L4J0Q1CW
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Cadmium									
	ND	1000	1070	ug/L	107		SW846 6010B	07/26-07/27/10	L4J0Q1A9
	ND	1000	1040	ug/L	104	2.9	SW846 6010B	07/26-07/27/10	L4J0Q1CA
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Chromium									
	ND	5000	5300	ug/L	106		SW846 6010B	07/26-07/27/10	L4J0Q1CE
	ND	5000	5140	ug/L	103	3.1	SW846 6010B	07/26-07/27/10	L4J0Q1CF
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	ND	500	463	ug/L	93		SW846 6010B	07/26-07/27/10	L4J0Q1CC
	ND	500	454	ug/L	91	2.0	SW846 6010B	07/26-07/27/10	L4J0Q1CD
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Copper									
	ND	250	264	ug/L	106		SW846 6010B	07/26-07/27/10	L4J0Q1CX
	ND	250	253	ug/L	101	4.2	SW846 6010B	07/26-07/27/10	L4J0Q1C0
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Iron									
	ND	1000	1110	ug/L	111		SW846 6010B	07/26-07/27/10	L4J0Q1C1
	ND	1000	1120	ug/L	112	1.5	SW846 6010B	07/26-07/27/10	L4J0Q1C2
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Lead									
	ND	5000	5320	ug/L	106		SW846 6010B	07/26-07/27/10	L4J0Q1CG
	ND	5000	5140	ug/L	103	3.4	SW846 6010B	07/26-07/27/10	L4J0Q1CH
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	2.6	500	533	ug/L	106		SW846 6010B	07/26-07/27/10	L4J0Q1C3
	2.6	500	516	ug/L	103	3.2	SW846 6010B	07/26-07/27/10	L4J0Q1C4
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	ND	500	535	ug/L	107		SW846 6010B	07/26-07/27/10	L4J0Q1C5
	ND	500	521	ug/L	104	2.5	SW846 6010B	07/26-07/27/10	L4J0Q1C6
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Selenium									
	ND	1000	958	ug/L	96		SW846 6010B	07/26-07/27/10	L4J0Q1CJ
	ND	1000	926	ug/L	93	3.4	SW846 6010B	07/26-07/27/10	L4J0Q1CK
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	ND	1000	1050	ug/L	105		SW846 6010B	07/26-07/27/10	L4J0Q1A5
	ND	1000	1030	ug/L	103	2.4	SW846 6010B	07/26-07/27/10	L4J0Q1A6
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	ND	2000	2030	ug/L	102		SW846 6010B	07/26-07/27/10	L4J0Q1CL
	ND	2000	1940	ug/L	97	4.7	SW846 6010B	07/26-07/27/10	L4J0Q1CM
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Tin									
	35.0	2000	2120	ug/L	104		SW846 6010B	07/26-07/27/10	L4J0Q1C7
	35.0	2000	2060	ug/L	101	2.9	SW846 6010B	07/26-07/27/10	L4J0Q1C8
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	14.5	500	537	ug/L	104		SW846 6010B	07/26-07/27/10	L4J0Q1CN
	14.5	500	519	ug/L	101	3.3	SW846 6010B	07/26-07/27/10	L4J0Q1CP
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Zinc									
	ND	500	564	ug/L	113		SW846 6010B	07/26-07/27/10	L4J0Q1C9
	ND	500	540	ug/L	108	4.5	SW846 6010B	07/26-07/27/10	L4J0Q1DA
			Dilution Factor: 5						
			Analysis Time..: 14:15		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	5.0	5.1	ug/L	102		SW846 7470A	07/26-07/28/10	L4J0Q1DC
	ND	5.0	5.5	ug/L	110	7.6	SW846 7470A	07/26-07/28/10	L4J0Q1DD
			Dilution Factor: 1						
			Analysis Time..: 13:48		Instrument ID..: H1			Analyst ID.....: 001576	

MS Lot-Sample #: A0G220525-001 **Prep Batch #...:** 0208372
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

Lithium									
	6.4	1000	1000	ug/L	99		SW846 6010B	07/27-07/28/10	L4J0Q1DE
	6.4	1000	1000	ug/L	100	0.37	SW846 6010B	07/27-07/28/10	L4J0Q1DF
			Dilution Factor: 1						
			Analysis Time..: 12:50		Instrument ID..: 6500ICP			Analyst ID.....: 22952	

NOTE(S):

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

GENERAL CHEMISTRY DATA

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

General Chemistry

Lot-Sample #...: A0G220521-001 **Work Order #...:** L4JXJ **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
% Moisture.....: 4.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.66 B**	**0.83**	**mg/kg**	**SW846 7196A**	**07/27/10**	**0208288**
	Dilution Factor: 1			MDL.....: 0.28		
Percent Solids	**96.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

General Chemistry

Lot-Sample #...: A0G220521-002 **Work Order #...:** L4JXQ **Matrix.....:** SL
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.50 B**	**0.96**	**mg/kg**	**SW846 7196A**	**07/27/10**	**0208288**
	Dilution Factor: 1			MDL.....: 0.32		
Percent Solids	**83.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

General Chemistry

Lot-Sample #...: A0G220521-003 **Work Order #...:** L4JXR **Matrix.....:** SL
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.90	mg/kg	SW846 7196A	07/27/10	0208288
	Dilution Factor: 1			MDL.....: 0.30		
Percent Solids	**89.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

General Chemistry

Lot-Sample #...: A0G220521-004 **Work Order #...:** L4JXW **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
% Moisture.....: 5.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.63 B**	**0.85**	**mg/kg**	**SW846 7196A**	**07/27/10**	**0208288**
	Dilution Factor: 1			MDL.....: 0.29		
Percent Solids	**94.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

General Chemistry

Lot-Sample #...: A0G220521-005 **Work Order #...:** L4JX0 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:30 **Date Received..:** 07/22/10
% Moisture.....: 2.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.82	mg/kg	SW846 7196A	07/27/10	0208288
	Dilution Factor: 1			MDL.....: 0.28		
Percent Solids	**97.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

General Chemistry

Lot-Sample #...: A0G220521-006 **Work Order #...:** L4JX1 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:40 **Date Received..:** 07/22/10
% Moisture.....: 3.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.64 B**	**0.83**	**mg/kg**	**SW846 7196A**	**07/27/10**	**0208288**
	Dilution Factor: 1			MDL.....: 0.28		
Percent Solids	**96.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

General Chemistry

Lot-Sample #...: A0G220521-007 **Work Order #...:** L4JX2 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:45 **Date Received..:** 07/22/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.77 B**	**0.95**	**mg/kg**	**SW846 7196A**	**07/27/10**	**0208288**
	Dilution Factor: 1			MDL.....: 0.32		
Percent Solids	**84.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

General Chemistry

Lot-Sample #...: A0G220521-008 **Work Order #...:** L4JX3 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:50 **Date Received..:** 07/22/10
% Moisture.....: 3.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.48 B**	**0.83**	**mg/kg**	**SW846 7196A**	**07/27/10**	**0208288**
	Dilution Factor: 1			MDL.....: 0.28		
Percent Solids	**96.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

General Chemistry

Lot-Sample #...: A0G220521-009 **Work Order #...:** L4JX4 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:00 **Date Received..:** 07/22/10
% Moisture.....: 3.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.83	mg/kg	SW846 7196A	07/27/10	0208288
		Dilution Factor: 1		MDL.....: 0.28		
Percent Solids	**96.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

General Chemistry

Lot-Sample #...: A0G220521-010 **Work Order #...:** L4JX5 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:05 **Date Received..:** 07/22/10
% Moisture.....: 4.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.81 B**	**0.83**	**mg/kg**	**SW846 7196A**	**07/27/10**	**0208288**
	Dilution Factor: 1			MDL.....: 0.28		
Percent Solids	**96.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

General Chemistry

Lot-Sample #...: A0G220521-011 **Work Order #...:** L4JX6 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:15 **Date Received..:** 07/22/10
% Moisture.....: 3.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.72 B**	**0.83**	**mg/kg**	**SW846 7196A**	**07/27/10**	**0208288**
	Dilution Factor: 1			MDL.....: 0.28		
Percent Solids	**96.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

General Chemistry

Lot-Sample #...: A0G220521-012 **Work Order #...:** L4JX8 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:20 **Date Received..:** 07/22/10
% Moisture.....: 3.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.83	mg/kg	SW846 7196A	07/27/10	0208288
	Dilution Factor: 1			MDL.....: 0.28		
Percent Solids	**96.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

General Chemistry

Lot-Sample #...: A0G220521-013 **Work Order #...:** L4JX9 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
% Moisture.....: 8.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.87	mg/kg	SW846 7196A	07/27/10	0208288
	Dilution Factor: 1			MDL.....: 0.29		
Percent Solids	**92.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/26/10**	**0204171**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium		Work Order #: L4QPL1AA		MB Lot-Sample #:	A0G270000-288	
	ND	0.80	mg/kg	SW846 7196A	07/27/10	0208288
		Dilution Factor: 1				
Percent Solids		Work Order #: L4K9X1AA		MB Lot-Sample #:	A0G230000-171	
	ND	10.0	%	MCAWW 160.3 MOD	07/23-07/26/10	0204171
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium		Work Order #: L4QPL1AC	LCS Lot-Sample#: A0G270000-288		
	93	(80 - 120)	SW846 7196A	07/27/10	0208288
		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

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium			Work Order #: L4QPL1AC		LCS Lot-Sample#: A0G270000-288		
	20.0	18.6	mg/kg	93	SW846 7196A	07/27/10	0208288
			Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0G220521 **Work Order #...:** L4DFR-SMP **Matrix.....:** SOLID
L4DFR-DUP
Date Sampled...: 07/12/10 13:31 **Date Received..:** 07/17/10
% Moisture.....: 1.5

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #:	A0G190446-018	
	98.5	98.6	%	0.089	(0-20)	MCAWW 160.3 MOD	07/23-07/26/10	0204171

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0G220521 **Work Order #...:** L4JXQ-SMP **Matrix.....:** SL
L4JXQ-DUP
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
% Moisture.....: 16

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A0G220521-002		
	83.6	83.2	%	0.47	(0-20)	MCAWW 160.3 MOD	07/23-07/26/10	0204171

Dilution Factor: 1

PITTSBURGH DATA

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-001 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
% Moisture.....: 4.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.13 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AJ**
		Dilution Factor: 1		MDL.....: 0.10		
Aluminum	**25800 E**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AV**
		Dilution Factor: 1		MDL.....: 10.0		
Arsenic	**0.59 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AK**
		Dilution Factor: 1		MDL.....: 0.31		
Barium	**286 J,E**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AW**
		Dilution Factor: 1		MDL.....: 0.074		
Beryllium	**8.5 E**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AX**
		Dilution Factor: 1		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JXJ1AL
		Dilution Factor: 1		MDL.....: 0.038		
Cobalt	**1.1 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AM**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**23.0 E**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AN**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**0.84 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1A0**
		Dilution Factor: 1		MDL.....: 0.77		
Iron	**1820 E**	**10.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1A1**
		Dilution Factor: 1		MDL.....: 5.1		
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JXJ1AH
		Dilution Factor: 1		MDL.....: 0.016		
Manganese	**2770 E**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1A2**
		Dilution Factor: 1		MDL.....: 0.077		
Nickel	**0.29 B**	**4.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1A3**
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**0.35**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AP**
		Dilution Factor: 1		MDL.....: 0.20		

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-001 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JXJ1AQ
		Dilution Factor: 1		MDL.....: 0.41		
Selenium	**3.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AR**
		Dilution Factor: 1		MDL.....: 0.47		
Tin	ND	10.4	mg/kg	SW846 6010B	07/23-07/26/10	L4JXJ1A4
		Dilution Factor: 1		MDL.....: 0.52		
Thallium	**7.4**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AT**
		Dilution Factor: 1		MDL.....: 0.57		
Vanadium	**24.1 E**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1AU**
		Dilution Factor: 1		MDL.....: 0.12		
Zinc	**9.5 J,E**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXJ1A5**
		Dilution Factor: 1		MDL.....: 1.0		

Prep Batch #...: 0205038

Lithium	**35.5**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JXJ1AG**
		Dilution Factor: 1		MDL.....: 0.37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

E Matrix interference.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-002 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.20 B**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AQ**
		Dilution Factor: 1		MDL.....: 0.12		
Aluminum	**28400**	**23.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A3**
		Dilution Factor: 1		MDL.....: 11.5		
Arsenic	**0.44 B**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AR**
		Dilution Factor: 1		MDL.....: 0.36		
Barium	**332 J**	**23.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A4**
		Dilution Factor: 1		MDL.....: 0.085		
Beryllium	**9.6**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A5**
		Dilution Factor: 1		MDL.....: 0.051		
Cadmium	ND	0.24	mg/kg	SW846 6010B	07/23-07/26/10	L4JXQ1AT
		Dilution Factor: 1		MDL.....: 0.043		
Cobalt	**1.3 B**	**6.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AU**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**21.8**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AV**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**0.93 B**	**3.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A6**
		Dilution Factor: 1		MDL.....: 0.89		
Iron	**1370**	**12.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A7**
		Dilution Factor: 1		MDL.....: 5.9		
Mercury	ND	0.12	mg/kg	SW846 7471A	07/23-07/26/10	L4JXQ1AP
		Dilution Factor: 1		MDL.....: 0.018		
Manganese	**2980**	**1.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A8**
		Dilution Factor: 1		MDL.....: 0.089		
Nickel	ND	4.8	mg/kg	SW846 6010B	07/23-07/26/10	L4JXQ1A9
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**0.26 B**	**0.36**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AW**
		Dilution Factor: 1		MDL.....: 0.23		

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-002 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.75 B**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1AX**
		Dilution Factor: 1		MDL.....: 0.47		
Selenium	**3.1**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A0**
		Dilution Factor: 1		MDL.....: 0.54		
Tin	ND	12.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JXQ1CA
		Dilution Factor: 1		MDL.....: 0.60		
Thallium	**9.0**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A1**
		Dilution Factor: 1		MDL.....: 0.66		
Vanadium	**25.7**	**6.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1A2**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**12.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXQ1CC**
		Dilution Factor: 1		MDL.....: 1.2		

Prep Batch #...: 0205038

Lithium	**40.7**	**6.0**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JXQ1AN**
		Dilution Factor: 1		MDL.....: 0.42		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-003 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.23 B**	**0.56**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AG**
		Dilution Factor: 1		MDL.....: 0.11		
Aluminum	**26800**	**22.5**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AT**
		Dilution Factor: 1		MDL.....: 10.8		
Arsenic	**0.48 B**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AH**
		Dilution Factor: 1		MDL.....: 0.34		
Barium	**291 J**	**22.5**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AU**
		Dilution Factor: 1		MDL.....: 0.080		
Beryllium	**8.6**	**0.56**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AV**
		Dilution Factor: 1		MDL.....: 0.048		
Cadmium	ND	0.22	mg/kg	SW846 6010B	07/23-07/26/10	L4JXR1AJ
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**1.2 B**	**5.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AK**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**23.2**	**0.56**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AL**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**1.8 B**	**2.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AW**
		Dilution Factor: 1		MDL.....: 0.83		
Iron	**1310**	**11.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AX**
		Dilution Factor: 1		MDL.....: 5.5		
Mercury	ND	0.11	mg/kg	SW846 7471A	07/23-07/26/10	L4JXR1AF
		Dilution Factor: 1		MDL.....: 0.017		
Manganese	**3160**	**1.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1A0**
		Dilution Factor: 1		MDL.....: 0.083		
Nickel	ND	4.5	mg/kg	SW846 6010B	07/23-07/26/10	L4JXR1A1
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**0.46**	**0.34**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AM**
		Dilution Factor: 1		MDL.....: 0.21		

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-003 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.53 B**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AN**
		Dilution Factor: 1		MDL.....: 0.44		
Selenium	**3.5**	**0.56**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AP**
		Dilution Factor: 1		MDL.....: 0.51		
Tin	ND	11.2	mg/kg	SW846 6010B	07/23-07/26/10	L4JXR1A2
		Dilution Factor: 1		MDL.....: 0.56		
Thallium	**9.1**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AQ**
		Dilution Factor: 1		MDL.....: 0.62		
Vanadium	**27.1**	**5.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1AR**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**4.1 J**	**2.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXR1A3**
		Dilution Factor: 1		MDL.....: 1.1		

Prep Batch #...: 0205038

Lithium	**39.9**	**5.6**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JXR1AC**
		Dilution Factor: 1		MDL.....: 0.40		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-004 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
% Moisture.....: 5.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.32 B**	**0.53**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AQ**
		Dilution Factor: 1		MDL.....: 0.11		
Aluminum	**27700**	**21.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A3**
		Dilution Factor: 1		MDL.....: 10.2		
Arsenic	**0.61 B**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AR**
		Dilution Factor: 1		MDL.....: 0.32		
Barium	**285 J**	**21.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A4**
		Dilution Factor: 1		MDL.....: 0.075		
Beryllium	**8.6**	**0.53**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A5**
		Dilution Factor: 1		MDL.....: 0.046		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JXW1AT
		Dilution Factor: 1		MDL.....: 0.038		
Cobalt	**1.3 B**	**5.3**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AU**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**20.0**	**0.53**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AV**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**1.6 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AA**
		Dilution Factor: 1		MDL.....: 0.78		
Iron	**1460**	**10.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AC**
		Dilution Factor: 1		MDL.....: 5.2		
Mercury	ND	0.11	mg/kg	SW846 7471A	07/23-07/26/10	L4JXW1AP
		Dilution Factor: 1		MDL.....: 0.016		
Manganese	**3050**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AD**
		Dilution Factor: 1		MDL.....: 0.078		
Nickel	ND	4.2	mg/kg	SW846 6010B	07/23-07/26/10	L4JXW1AE
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**0.26 B**	**0.32**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AW**
		Dilution Factor: 1		MDL.....: 0.20		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-004 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.49 B**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AX**
		Dilution Factor: 1		MDL.....: 0.41		
Selenium	**3.1**	**0.53**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A0**
		Dilution Factor: 1		MDL.....: 0.48		
Tin	ND	10.6	mg/kg	SW846 6010B	07/23-07/26/10	L4JXW1AF
		Dilution Factor: 1		MDL.....: 0.53		
Thallium	**8.8**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A1**
		Dilution Factor: 1		MDL.....: 0.58		
Vanadium	**25.1**	**5.3**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1A2**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**4.3 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JXW1AG**
		Dilution Factor: 1		MDL.....: 1.1		

Prep Batch #...: 0205038

Lithium	**35.9**	**5.3**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JXW1AN**
		Dilution Factor: 1		MDL.....: 0.37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-005 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:30 **Date Received..:** 07/22/10
% Moisture.....: 2.1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	ND G	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JX01AQ
		Dilution Factor: 2		MDL.....: 0.20		
Aluminum	**27100**	**20.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A3**
		Dilution Factor: 1		MDL.....: 9.8		
Arsenic	**0.52 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AR**
		Dilution Factor: 1		MDL.....: 0.31		
Barium	**283 J**	**20.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A4**
		Dilution Factor: 1		MDL.....: 0.073		
Beryllium	**8.3**	**0.51**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A5**
		Dilution Factor: 1		MDL.....: 0.044		
Cadmium	ND	0.20	mg/kg	SW846 6010B	07/23-07/26/10	L4JX01AT
		Dilution Factor: 1		MDL.....: 0.037		
Cobalt	**1.3 B**	**5.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AU**
		Dilution Factor: 1		MDL.....: 0.16		
Chromium	**25.7**	**0.51**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AV**
		Dilution Factor: 1		MDL.....: 0.20		
Copper	**1.1 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AA**
		Dilution Factor: 1		MDL.....: 0.76		
Iron	**1560**	**10.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AC**
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX01AP
		Dilution Factor: 1		MDL.....: 0.015		
Manganese	**3900**	**3.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AD**
		Dilution Factor: 2		MDL.....: 0.15		
Nickel	ND	4.1	mg/kg	SW846 6010B	07/23-07/26/10	L4JX01AE
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**0.37**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AW**
		Dilution Factor: 1		MDL.....: 0.19		

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-005 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.42 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AX**
		Dilution Factor: 1		MDL.....: 0.40		
Selenium	**3.7**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A0**
		Dilution Factor: 2		MDL.....: 0.92		
Tin	ND	10.2	mg/kg	SW846 6010B	07/23-07/26/10	L4JX01AF
		Dilution Factor: 1		MDL.....: 0.51		
Thallium	**12.7**	**2.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A1**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**31.3**	**5.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01A2**
		Dilution Factor: 1		MDL.....: 0.12		
Zinc	**5.0 J**	**2.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX01AG**
		Dilution Factor: 1		MDL.....: 1.0		

Prep Batch #...: 0205038

Lithium	**38.0**	**5.1**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX01AN**
		Dilution Factor: 1		MDL.....: 0.36		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-006 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:40 **Date Received..:** 07/22/10
% Moisture.....: 3.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	ND G	1.0	mg/kg	SW846 6010B	07/23-07/27/10	L4JX11AQ
		Dilution Factor: 2		MDL.....: 0.21		
Aluminum	**30000**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11A3**
		Dilution Factor: 1		MDL.....: 10		
Arsenic	**0.70 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AR**
		Dilution Factor: 1		MDL.....: 0.31		
Barium	**336 J**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11A4**
		Dilution Factor: 1		MDL.....: 0.074		
Beryllium	**9.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11A5**
		Dilution Factor: 1		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX11AT
		Dilution Factor: 1		MDL.....: 0.037		
Cobalt	**1.2 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AU**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**23.7**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AV**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**0.80 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AA**
		Dilution Factor: 1		MDL.....: 0.77		
Iron	**1630**	**10.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AC**
		Dilution Factor: 1		MDL.....: 5.1		
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX11AP
		Dilution Factor: 1		MDL.....: 0.016		
Manganese	**3600**	**3.1**	**mg/kg**	**SW846 6010B**	**07/23-07/27/10**	**L4JX11AD**
		Dilution Factor: 2		MDL.....: 0.15		
Nickel	ND	4.1	mg/kg	SW846 6010B	07/23-07/26/10	L4JX11AE
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**0.27 B**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AW**
		Dilution Factor: 1		MDL.....: 0.20		

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-006 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JX11AX
		Dilution Factor: 1		MDL.....: 0.40		
Selenium	**3.7**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/27/10**	**L4JX11A0**
		Dilution Factor: 2		MDL.....: 0.93		
Tin	ND	10.4	mg/kg	SW846 6010B	07/23-07/26/10	L4JX11AF
		Dilution Factor: 1		MDL.....: 0.52		
Thallium	**11.1**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/27/10**	**L4JX11A1**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**29.1**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11A2**
		Dilution Factor: 1		MDL.....: 0.12		
Zinc	**9.7 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX11AG**
		Dilution Factor: 1		MDL.....: 1.0		

Prep Batch #...: 0205038

Lithium	**41.5**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX11AN**
		Dilution Factor: 1		MDL.....: 0.36		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-007 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:45 **Date Received..:** 07/22/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.17 B**	**0.59**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AQ**
		Dilution Factor: 1		MDL.....: 0.12		
Aluminum	**25600**	**23.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A3**
		Dilution Factor: 1		MDL.....: 11.4		
Arsenic	**0.76 B**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AR**
		Dilution Factor: 1		MDL.....: 0.36		
Barium	**289 J**	**23.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A4**
		Dilution Factor: 1		MDL.....: 0.084		
Beryllium	**7.6**	**0.59**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A5**
		Dilution Factor: 1		MDL.....: 0.051		
Cadmium	ND	0.24	mg/kg	SW846 6010B	07/23-07/26/10	L4JX21AT
		Dilution Factor: 1		MDL.....: 0.043		
Cobalt	**1.2 B**	**5.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AU**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**21.2**	**0.59**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AV**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**0.97 B**	**3.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AA**
		Dilution Factor: 1		MDL.....: 0.88		
Iron	**1280**	**11.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AC**
		Dilution Factor: 1		MDL.....: 5.8		
Mercury	ND	0.12	mg/kg	SW846 7471A	07/23-07/26/10	L4JX21AP
		Dilution Factor: 1		MDL.....: 0.018		
Manganese	**3030**	**1.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AD**
		Dilution Factor: 1		MDL.....: 0.088		
Nickel	ND	4.8	mg/kg	SW846 6010B	07/23-07/26/10	L4JX21AE
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**0.34 B**	**0.36**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AW**
		Dilution Factor: 1		MDL.....: 0.23		

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-007 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	07/23-07/26/10	L4JX21AX
		Dilution Factor: 1		MDL.....: 0.46		
Selenium	**3.2**	**0.59**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A0**
		Dilution Factor: 1		MDL.....: 0.54		
Tin	ND	11.9	mg/kg	SW846 6010B	07/23-07/26/10	L4JX21AF
		Dilution Factor: 1		MDL.....: 0.59		
Thallium	**8.8**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A1**
		Dilution Factor: 1		MDL.....: 0.65		
Vanadium	**26.9**	**5.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21A2**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**4.3 J**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX21AG**
		Dilution Factor: 1		MDL.....: 1.2		

Prep Batch #...: 0205038

Lithium	**42.3**	**5.9**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX21AN**
		Dilution Factor: 1		MDL.....: 0.42		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-008 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:50 **Date Received..:** 07/22/10
% Moisture.....: 3.8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.16 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AQ**
		Dilution Factor: 1		MDL.....: 0.10		
Aluminum	**26300**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A3**
		Dilution Factor: 1		MDL.....: 10		
Arsenic	**0.45 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AR**
		Dilution Factor: 1		MDL.....: 0.31		
Barium	**282 J**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A4**
		Dilution Factor: 1		MDL.....: 0.074		
Beryllium	**8.4**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A5**
		Dilution Factor: 1		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX31AT
		Dilution Factor: 1		MDL.....: 0.037		
Cobalt	**1.3 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AU**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**20.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AV**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**0.79 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AA**
		Dilution Factor: 1		MDL.....: 0.77		
Iron	**1310**	**10.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AC**
		Dilution Factor: 1		MDL.....: 5.1		
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX31AP
		Dilution Factor: 1		MDL.....: 0.016		
Manganese	**2820**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AD**
		Dilution Factor: 1		MDL.....: 0.077		
Nickel	ND	4.2	mg/kg	SW846 6010B	07/23-07/26/10	L4JX31AE
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**0.29 B**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AW**
		Dilution Factor: 1		MDL.....: 0.20		

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-008 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JX31AX
		Dilution Factor: 1		MDL.....: 0.41		
Selenium	**3.1**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A0**
		Dilution Factor: 1		MDL.....: 0.47		
Tin	ND	10.4	mg/kg	SW846 6010B	07/23-07/26/10	L4JX31AF
		Dilution Factor: 1		MDL.....: 0.52		
Thallium	**8.5**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A1**
		Dilution Factor: 1		MDL.....: 0.57		
Vanadium	**23.1**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31A2**
		Dilution Factor: 1		MDL.....: 0.12		
Zinc	**9.2 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX31AG**
		Dilution Factor: 1		MDL.....: 1.0		

Prep Batch #...: 0205038

Lithium	**36.5**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX31AN**
		Dilution Factor: 1		MDL.....: 0.37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-009 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:00 **Date Received..:** 07/22/10
% Moisture.....: 3.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.20 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AQ**
		Dilution Factor: 1		MDL.....: 0.10		
Aluminum	**28000**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A3**
		Dilution Factor: 1		MDL.....: 9.9		
Arsenic	**0.59 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AR**
		Dilution Factor: 1		MDL.....: 0.31		
Barium	**298 J**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A4**
		Dilution Factor: 1		MDL.....: 0.073		
Beryllium	**8.9**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A5**
		Dilution Factor: 1		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX41AT
		Dilution Factor: 1		MDL.....: 0.037		
Cobalt	**1.1 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AU**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**23.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AV**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**0.88 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AA**
		Dilution Factor: 1		MDL.....: 0.77		
Iron	**2400**	**10.3**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AC**
		Dilution Factor: 1		MDL.....: 5.1		
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX41AP
		Dilution Factor: 1		MDL.....: 0.016		
Manganese	**2910**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AD**
		Dilution Factor: 1		MDL.....: 0.077		
Nickel	ND	4.1	mg/kg	SW846 6010B	07/23-07/26/10	L4JX41AE
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**0.22 B**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AW**
		Dilution Factor: 1		MDL.....: 0.20		

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-009 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.41 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AX**
		Dilution Factor: 1		MDL.....: 0.40		
Selenium	**3.6**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A0**
		Dilution Factor: 1		MDL.....: 0.47		
Tin	ND	10.3	mg/kg	SW846 6010B	07/23-07/26/10	L4JX41AF
		Dilution Factor: 1		MDL.....: 0.52		
Thallium	**8.2**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A1**
		Dilution Factor: 1		MDL.....: 0.57		
Vanadium	**27.1**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41A2**
		Dilution Factor: 1		MDL.....: 0.12		
Zinc	**8.0 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX41AG**
		Dilution Factor: 1		MDL.....: 1.0		

Prep Batch #...: 0205038

Lithium	**37.2**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX41AN**
		Dilution Factor: 1		MDL.....: 0.36		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-010 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:05 **Date Received..:** 07/22/10
% Moisture.....: 4.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.20 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AQ**
		Dilution Factor: 1		MDL.....: 0.10		
Aluminum	**28400**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A3**
		Dilution Factor: 1		MDL.....: 10.0		
Arsenic	**0.59 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AR**
		Dilution Factor: 1		MDL.....: 0.31		
Barium	**339 J**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A4**
		Dilution Factor: 1		MDL.....: 0.074		
Beryllium	**9.4**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A5**
		Dilution Factor: 1		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX51AT
		Dilution Factor: 1		MDL.....: 0.038		
Cobalt	**1.1 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AU**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**24.2**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AV**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**2.0 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AA**
		Dilution Factor: 1		MDL.....: 0.77		
Iron	**1700**	**10.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AC**
		Dilution Factor: 1		MDL.....: 5.1		
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX51AP
		Dilution Factor: 1		MDL.....: 0.016		
Manganese	**3040**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AD**
		Dilution Factor: 1		MDL.....: 0.077		
Nickel	**0.37 B**	**4.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AE**
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**0.51**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AW**
		Dilution Factor: 1		MDL.....: 0.20		

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-010 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.52 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AX**
		Dilution Factor: 1		MDL.....: 0.41		
Selenium	**4.2**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A0**
		Dilution Factor: 1		MDL.....: 0.47		
Tin	ND	10.4	mg/kg	SW846 6010B	07/23-07/26/10	L4JX51AF
		Dilution Factor: 1		MDL.....: 0.52		
Thallium	**9.0**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A1**
		Dilution Factor: 1		MDL.....: 0.57		
Vanadium	**28.7**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51A2**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**20.6 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX51AG**
		Dilution Factor: 1		MDL.....: 1.0		

Prep Batch #...: 0205038

Lithium	**38.2**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX51AN**
		Dilution Factor: 1		MDL.....: 0.37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-011 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:15 **Date Received..:** 07/22/10
% Moisture.....: 3.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.11 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AQ**
		Dilution Factor: 1		MDL.....: 0.10		
Aluminum	**28700**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A3**
		Dilution Factor: 1		MDL.....: 9.9		
Arsenic	**0.70 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AR**
		Dilution Factor: 1		MDL.....: 0.31		
Barium	**308 J**	**20.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A4**
		Dilution Factor: 1		MDL.....: 0.073		
Beryllium	**9.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A5**
		Dilution Factor: 1		MDL.....: 0.044		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX61AT
		Dilution Factor: 1		MDL.....: 0.037		
Cobalt	**0.87 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AU**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**19.2**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AV**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**1.2 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AA**
		Dilution Factor: 1		MDL.....: 0.76		
Iron	**1610**	**10.3**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AC**
		Dilution Factor: 1		MDL.....: 5.1		
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX61AP
		Dilution Factor: 1		MDL.....: 0.015		
Manganese	**2720**	**1.5**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AD**
		Dilution Factor: 1		MDL.....: 0.076		
Nickel	ND	4.1	mg/kg	SW846 6010B	07/23-07/26/10	L4JX61AE
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**0.44**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AW**
		Dilution Factor: 1		MDL.....: 0.20		

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-011 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.46 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AX**
		Dilution Factor: 1		MDL.....: 0.40		
Selenium	**3.6**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A0**
		Dilution Factor: 1		MDL.....: 0.46		
Tin	ND	10.3	mg/kg	SW846 6010B	07/23-07/26/10	L4JX61AF
		Dilution Factor: 1		MDL.....: 0.52		
Thallium	**8.3**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A1**
		Dilution Factor: 1		MDL.....: 0.57		
Vanadium	**22.5**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61A2**
		Dilution Factor: 1		MDL.....: 0.12		
Zinc	**11.7 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX61AG**
		Dilution Factor: 1		MDL.....: 1.0		

Prep Batch #...: 0205038

Lithium	**38.3**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX61AN**
		Dilution Factor: 1		MDL.....: 0.36		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-012 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:20 **Date Received..:** 07/22/10
% Moisture.....: 3.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.20 B**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AQ**
		Dilution Factor: 1		MDL.....: 0.10		
Aluminum	**28100**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A3**
		Dilution Factor: 1		MDL.....: 10		
Arsenic	**0.79 B**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AR**
		Dilution Factor: 1		MDL.....: 0.31		
Barium	**321 J**	**20.8**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A4**
		Dilution Factor: 1		MDL.....: 0.074		
Beryllium	**9.0**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A5**
		Dilution Factor: 1		MDL.....: 0.045		
Cadmium	ND	0.21	mg/kg	SW846 6010B	07/23-07/26/10	L4JX81AT
		Dilution Factor: 1		MDL.....: 0.037		
Cobalt	**1.2 B**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AU**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**23.2**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AV**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**3.4**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AA**
		Dilution Factor: 1		MDL.....: 0.77		
Iron	**1720**	**10.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AC**
		Dilution Factor: 1		MDL.....: 5.1		
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4JX81AP
		Dilution Factor: 1		MDL.....: 0.016		
Manganese	**3030**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AD**
		Dilution Factor: 1		MDL.....: 0.077		
Nickel	**0.47 B**	**4.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AE**
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**0.87**	**0.31**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AW**
		Dilution Factor: 1		MDL.....: 0.20		

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

TOTAL Metals

Lot-Sample #...: A0G220521-012 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4JX81AX
		Dilution Factor: 1		MDL.....: 0.40		
Selenium	**4.2**	**0.52**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A0**
		Dilution Factor: 1		MDL.....: 0.47		
Tin	ND	10.4	mg/kg	SW846 6010B	07/23-07/26/10	L4JX81AF
		Dilution Factor: 1		MDL.....: 0.52		
Thallium	**9.0**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A1**
		Dilution Factor: 1		MDL.....: 0.57		
Vanadium	**27.4**	**5.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81A2**
		Dilution Factor: 1		MDL.....: 0.12		
Zinc	**39.8 J**	**2.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX81AG**
		Dilution Factor: 1		MDL.....: 1.0		

Prep Batch #...: 0205038

Lithium	**39.4**	**5.2**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX81AN**
		Dilution Factor: 1		MDL.....: 0.37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

TOTAL Metals

Lot-Sample #...: A0G220521-013 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
% Moisture.....: 8.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0204018						
Silver	**0.20 B**	**0.54**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AQ**
		Dilution Factor: 1		MDL.....: 0.11		
Aluminum	**27200**	**21.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A3**
		Dilution Factor: 1		MDL.....: 10.4		
Arsenic	**0.67 B**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AR**
		Dilution Factor: 1		MDL.....: 0.33		
Barium	**285 J**	**21.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A4**
		Dilution Factor: 1		MDL.....: 0.077		
Beryllium	**8.8**	**0.54**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A5**
		Dilution Factor: 1		MDL.....: 0.047		
Cadmium	ND	0.22	mg/kg	SW846 6010B	07/23-07/26/10	L4JX91AT
		Dilution Factor: 1		MDL.....: 0.039		
Cobalt	**1.1 B**	**5.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AU**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**21.4**	**0.54**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AV**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**1.4 B**	**2.7**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AA**
		Dilution Factor: 1		MDL.....: 0.80		
Iron	**1430**	**10.9**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AC**
		Dilution Factor: 1		MDL.....: 5.3		
Mercury	ND	0.11	mg/kg	SW846 7471A	07/23-07/26/10	L4JX91AP
		Dilution Factor: 1		MDL.....: 0.016		
Manganese	**3120**	**1.6**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AD**
		Dilution Factor: 1		MDL.....: 0.080		
Nickel	ND	4.3	mg/kg	SW846 6010B	07/23-07/26/10	L4JX91AE
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**0.35**	**0.33**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AW**
		Dilution Factor: 1		MDL.....: 0.21		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

TOTAL Metals

Lot-Sample #...: A0G220521-013 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.1	mg/kg	SW846 6010B	07/23-07/26/10	L4JX91AX
		Dilution Factor: 1		MDL.....: 0.42		
Selenium	**3.3**	**0.54**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A0**
		Dilution Factor: 1		MDL.....: 0.49		
Tin	ND	10.9	mg/kg	SW846 6010B	07/23-07/26/10	L4JX91AF
		Dilution Factor: 1		MDL.....: 0.54		
Thallium	**9.4**	**1.1**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A1**
		Dilution Factor: 1		MDL.....: 0.60		
Vanadium	**25.6**	**5.4**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91A2**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**4.2 J**	**2.2**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4JX91AG**
		Dilution Factor: 1		MDL.....: 1.1		

Prep Batch #...: 0205038

Lithium	**34.2**	**5.4**	**mg/kg**	**SW846 6010B**	**07/24-07/26/10**	**L4JX91AN**
		Dilution Factor: 1		MDL.....: 0.38		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-001 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AE
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	**216**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0Q1AP**
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AF
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**141 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0Q1AQ**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AR
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AG
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AH
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AJ
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AT
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AU
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**2.6 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0Q1AV**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AW
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AK
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AD
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-SW003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-001 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AL
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**35.0 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0Q1AX**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1AM
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**14.5**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0Q1AN**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0Q1A0
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J0Q1A1
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**6.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J0Q1A2**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-002 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:10 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AT
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**106 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0V1AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**12.5 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0V1A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-SW002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-002 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AP
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**35.7 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0V1A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**12.3**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0V1AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0V1AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J0V1AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**4.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J0V1AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-003 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:15 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AT
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**86.8 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0W1AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**4.8 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0W1A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-SE004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-003 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AP
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**34.1 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0W1A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**14.3**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0W1AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0W1AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J0W1AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**5.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J0W1AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-004 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AT
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**90.7 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0X1AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**6.9 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0X1A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-004 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AP
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**34.4 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0X1A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**15.4**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J0X1AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J0X1AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J0X1AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**5.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J0X1AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-005 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:30 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J001AT
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**65.9 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J001AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J001AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**7.7 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J001A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-SE002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-005 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AP
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**30.6 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J001A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**12.3**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J001AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J001AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J001AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**8.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J001AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-006 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:40 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	**105 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J011AT**
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**63.8 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J011AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J011AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**20.4 J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J011A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-SE001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-006 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AP
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**33.5 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J011A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**12.6**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J011AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J011AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J011AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**7.5 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J011AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-007 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:45 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	**100 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J021AT**
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**62.6 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J021AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J021AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**12.6 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J021A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-SW001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-007 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AP
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**33.1 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J021A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**15.3**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J021AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J021AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J021AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**8.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J021AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-008 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:50 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J031AT
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**81.9 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J031AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J031AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**2.4 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J031A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-SW004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-008 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AP
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**31.6 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J031A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**13.1**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J031AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J031AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J031AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**5.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J031AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-009 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:00 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	**809**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J041AT**
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**110 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J041AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J041AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**0.86 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J041A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-NE003-07212010

SPLP Metals

Lot-Sample #...: A0G220525-009 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AP
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**34.4 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J041A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**14.5**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J041AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J041AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J041AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**31.5 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J041AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-010 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:05 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	**374**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051AT**
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**60.7 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J051AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**0.85 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-NE004-07212010

SPLP Metals

Lot-Sample #...: A0G220525-010 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**6.2**	**5.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051AP**
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**31.1 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**12.9**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J051AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J051AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J051AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**19.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J051AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-011 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:15 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	**267**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061AT**
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**75.0 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J061AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**1.8 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-NE001-07212010

SPLP Metals

Lot-Sample #...: A0G220525-011 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AP
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**32.4 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J061AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**11.6**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	**9.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J061AA**
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J061AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**34.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J061AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-012 **Matrix.....:** SL
Date Sampled...: 07/21/10 09:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J071AT
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**54.9 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J071AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J071AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**0.95 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J071A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-NE002-07212010

SPLP Metals

Lot-Sample #...: A0G220525-012 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**5.6**	**5.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J071AP**
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**33.1 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J071A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**12.5**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J071AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J071AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J071AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**24.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J071AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP Metals

Lot-Sample #...: A0G220525-013 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:20 **Date Received..:** 07/22/10
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0207020						
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AH
		Dilution Factor: 1		MDL.....: 2.2		
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4J081AT
		Dilution Factor: 1		MDL.....: 97.0		
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AJ
		Dilution Factor: 1		MDL.....: 3.2		
Barium	**94.2 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J081AU**
		Dilution Factor: 1		MDL.....: 0.67		
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AV
		Dilution Factor: 1		MDL.....: 0.46		
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AK
		Dilution Factor: 1		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AL
		Dilution Factor: 1		MDL.....: 1.7		
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AM
		Dilution Factor: 1		MDL.....: 2.2		
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AW
		Dilution Factor: 1		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J081AX
		Dilution Factor: 1		MDL.....: 81.0		
Manganese	**3.5 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J081A0**
		Dilution Factor: 1		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081A1
		Dilution Factor: 1		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AN
		Dilution Factor: 1		MDL.....: 1.9		
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AG
		Dilution Factor: 1		MDL.....: 1.8		

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United States Steel Corporation

Client Sample ID: ES-SL-SE003-07212010-FD

SPLP Metals

Lot-Sample #...: A0G220525-013 **Matrix.....:** SL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AP
		Dilution Factor: 1		MDL.....: 4.1		
Tin	**34.4 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J081A2**
		Dilution Factor: 1		MDL.....: 3.3		
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AQ
		Dilution Factor: 1		MDL.....: 4.7		
Vanadium	**13.9**	**7.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J081AR**
		Dilution Factor: 1		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J081AA
		Dilution Factor: 1		MDL.....: 5.0		
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J081AC
		Dilution Factor: 1		MDL.....: 0.12		

Prep Batch #...: 0208372

Lithium	**4.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/27-07/28/10**	**L4J081AD**
		Dilution Factor: 1		MDL.....: 2.8		

NOTE(S):

Analysis performed in accordance with USEPA Synthetic Precipitation Leaching Procedure Method 1312

B Estimated result. Result is less than RL.

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0G230000-018 **Prep Batch #...:** 0204018						
Aluminum	ND	20.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AN
		Dilution Factor: 1				
Antimony	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AJ
		Dilution Factor: 1				
Arsenic	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AD
		Dilution Factor: 1				
Barium	**0.13 B**	**20.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4KKH1AP**
		Dilution Factor: 1				
Beryllium	ND	0.50	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AQ
		Dilution Factor: 1				
Cadmium	ND	0.20	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AE
		Dilution Factor: 1				
Chromium	ND	0.50	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AG
		Dilution Factor: 1				
Cobalt	ND	5.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AF
		Dilution Factor: 1				
Copper	ND	2.5	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AR
		Dilution Factor: 1				
Iron	ND	10.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AT
		Dilution Factor: 1				
Lead	ND	0.30	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AH
		Dilution Factor: 1				
Manganese	ND	1.5	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AU
		Dilution Factor: 1				
Mercury	ND	0.10	mg/kg	SW846 7471A	07/23-07/26/10	L4KKH1AA
		Dilution Factor: 1				
Nickel	ND	4.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AV
		Dilution Factor: 1				
Selenium	ND	0.50	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AK
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	0.50	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AC
		Dilution Factor: 1				
Thallium	ND	1.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AL
		Dilution Factor: 1				
Tin	**2.8 B**	**10.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4KKH1AW**
		Dilution Factor: 1				
Vanadium	ND	5.0	mg/kg	SW846 6010B	07/23-07/26/10	L4KKH1AM
		Dilution Factor: 1				
Zinc	**1.7 B**	**2.0**	**mg/kg**	**SW846 6010B**	**07/23-07/26/10**	**L4KKH1AX**
		Dilution Factor: 1				

MB Lot-Sample #: C0G240000-038 **Prep Batch #...:** 0205038

Lithium	ND	5.0	mg/kg	SW846 6010B	07/24-07/26/10	L4MHA1AA
		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.

METHOD BLANK REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

MB Lot-Sample #: A0G220000-296 **Prep Batch #...:** 0207020
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	**116 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J221AQ**
		Dilution Factor: 1				
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AE
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AG
		Dilution Factor: 1				
Barium	**1.2 B**	**200**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J221AR**
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AT
		Dilution Factor: 1				
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AH
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AK
		Dilution Factor: 1				
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AJ
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AU
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4J221AV
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AL
		Dilution Factor: 1				
Manganese	**1.7 B**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J221AW**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AX
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AM
		Dilution Factor: 1				
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AF
		Dilution Factor: 1				

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METHOD BLANK REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AN
		Dilution Factor: 1				
Tin	**34.4 B**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4J221A0**
		Dilution Factor: 1				
Vanadium	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221AP
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4J221A1
		Dilution Factor: 1				
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4J221AC
		Dilution Factor: 1				

MB Lot-Sample #: A0G220000-296 **Prep Batch #...:** 0208372
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

Lithium	ND	50.0	ug/L	SW846 6010B	07/27-07/28/10	L4J221A2
		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.

METHOD BLANK REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0G260000-020 **Prep Batch #...:** 0207020						
Aluminum	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AM
		Dilution Factor: 1				
Antimony	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AA
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AD
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AN
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AP
		Dilution Factor: 1				
Cadmium	ND	2.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AE
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AG
		Dilution Factor: 1				
Cobalt	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AF
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AQ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AR
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AH
		Dilution Factor: 1				
Manganese	**0.76 B**	**15.0**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4M9K1AT**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AU
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AJ
		Dilution Factor: 1				
Silver	ND	5.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AC
		Dilution Factor: 1				

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METHOD BLANK REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	10.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AK
		Dilution Factor: 1				
Tin	**34.2 B**	**100**	**ug/L**	**SW846 6010B**	**07/26-07/27/10**	**L4M9K1AV**
		Dilution Factor: 1				
Vanadium	ND	7.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AL
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/26-07/27/10	L4M9K1AW
		Dilution Factor: 1				
Mercury	ND	2.0	ug/L	SW846 7470A	07/26-07/28/10	L4M9K1AX
		Dilution Factor: 1				

MB Lot-Sample #: C0G270000-372 **Prep Batch #...:** 0208372

Lithium	ND	50.0	ug/L	SW846 6010B	07/27-07/28/10	L4QVP1AA
		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 EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

LCS Lot-Sample#: A0G230000-018 **Prep Batch #...:** 0204018

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	98	(73 - 121)	SW846 7471A	07/23-07/26/10	L4KKH1A0
		Dilution Factor: 1			
Silver	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A1
		Dilution Factor: 1			
Arsenic	94	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A2
		Dilution Factor: 1			
Cadmium	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A3
		Dilution Factor: 1			
Cobalt	97	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A4
		Dilution Factor: 1			
Chromium	97	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A5
		Dilution Factor: 1			
Lead	95	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A6
		Dilution Factor: 1			
Antimony	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A7
		Dilution Factor: 1			
Selenium	93	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A8
		Dilution Factor: 1			
Thallium	92	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1A9
		Dilution Factor: 1			
Vanadium	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CA
		Dilution Factor: 1			
Aluminum	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CC
		Dilution Factor: 1			
Barium	97	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CD
		Dilution Factor: 1			
Beryllium	97	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CE
		Dilution Factor: 1			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	96	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CF
		Dilution Factor: 1			
Iron	100	(73 - 137)	SW846 6010B	07/23-07/26/10	L4KKH1CG
		Dilution Factor: 1			
Manganese	99	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CH
		Dilution Factor: 1			
Nickel	98	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CJ
		Dilution Factor: 1			
Tin	97	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CK
		Dilution Factor: 1			
Zinc	101	(80 - 120)	SW846 6010B	07/23-07/26/10	L4KKH1CL
		Dilution Factor: 1			

LCS Lot-Sample#: C0G240000-038 **Prep Batch #...:** 0205038

Lithium	99	(80 - 120)	SW846 6010B	07/24-07/26/10	L4MHA1AC
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

LCS Lot-Sample#: A0G230000-018 **Prep Batch #...:** 0204018

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	0.83	0.82	mg/kg	98	SW846 7471A	07/23-07/26/10	L4KKH1A0
			Dilution Factor: 1				
Silver	5.0	4.8	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1A1
			Dilution Factor: 1				
Arsenic	200	187	mg/kg	94	SW846 6010B	07/23-07/26/10	L4KKH1A2
			Dilution Factor: 1				
Cadmium	5.0	4.8	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1A3
			Dilution Factor: 1				
Cobalt	50.0	48.3	mg/kg	97	SW846 6010B	07/23-07/26/10	L4KKH1A4
			Dilution Factor: 1				
Chromium	20.0	19.4	mg/kg	97	SW846 6010B	07/23-07/26/10	L4KKH1A5
			Dilution Factor: 1				
Lead	50.0	47.7	mg/kg	95	SW846 6010B	07/23-07/26/10	L4KKH1A6
			Dilution Factor: 1				
Antimony	50.0	47.8	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1A7
			Dilution Factor: 1				
Selenium	200	186	mg/kg	93	SW846 6010B	07/23-07/26/10	L4KKH1A8
			Dilution Factor: 1				
Thallium	200	185	mg/kg	92	SW846 6010B	07/23-07/26/10	L4KKH1A9
			Dilution Factor: 1				
Vanadium	50.0	47.9	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1CA
			Dilution Factor: 1				
Aluminum	200	192	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1CC
			Dilution Factor: 1				
Barium	200	193	mg/kg	97	SW846 6010B	07/23-07/26/10	L4KKH1CD
			Dilution Factor: 1				
Beryllium	5.0	4.8	mg/kg	97	SW846 6010B	07/23-07/26/10	L4KKH1CE
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	25.0	24.0	mg/kg	96	SW846 6010B	07/23-07/26/10	L4KKH1CF
			Dilution Factor: 1				
Iron	100	99.8	mg/kg	100	SW846 6010B	07/23-07/26/10	L4KKH1CG
			Dilution Factor: 1				
Manganese	50.0	49.6	mg/kg	99	SW846 6010B	07/23-07/26/10	L4KKH1CH
			Dilution Factor: 1				
Nickel	50.0	49.1	mg/kg	98	SW846 6010B	07/23-07/26/10	L4KKH1CJ
			Dilution Factor: 1				
Tin	200	195	mg/kg	97	SW846 6010B	07/23-07/26/10	L4KKH1CK
			Dilution Factor: 1				
Zinc	50.0	50.4	mg/kg	101	SW846 6010B	07/23-07/26/10	L4KKH1CL
			Dilution Factor: 1				

LCS Lot-Sample#: C0G240000-038 **Prep Batch #...:** 0205038

Lithium	100	99.0	mg/kg	99	SW846 6010B	07/24-07/26/10	L4MHA1AC
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0G260000-020 **Prep Batch #...:** 0207020					
Antimony	103	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1A0
Silver	102	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1A1
Arsenic	98	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1A2
Cadmium	102	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1A3
Cobalt	103	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1A4
Chromium	102	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1A5
Lead	102	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1A6
Selenium	98	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1A7
Thallium	100	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1A8
Vanadium	101	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1A9
Aluminum	100	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1CA
Barium	105	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1CC
Beryllium	98	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1CD
Copper	103	(50 - 150)	SW846 6010B Dilution Factor: 1	07/26-07/27/10	L4M9K1CE

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	108	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CF
		Dilution Factor: 1			
Manganese	104	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CG
		Dilution Factor: 1			
Nickel	104	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CH
		Dilution Factor: 1			
Tin	103	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CJ
		Dilution Factor: 1			
Zinc	106	(50 - 150)	SW846 6010B	07/26-07/27/10	L4M9K1CK
		Dilution Factor: 1			
Mercury	108	(50 - 150)	SW846 7470A	07/26-07/28/10	L4M9K1CL
		Dilution Factor: 1			

LCS Lot-Sample#: C0G270000-372 **Prep Batch #...:** 0208372

Lithium	99	(80 - 120)	SW846 6010B	07/27-07/28/10	L4QVP1AC
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

LCS Lot-Sample#: A0G260000-020 **Prep Batch #...:** 0207020

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	513	ug/L	103	SW846 6010B	07/26-07/27/10	L4M9K1A0
			Dilution Factor: 1				
Silver	50.0	51.1	ug/L	102	SW846 6010B	07/26-07/27/10	L4M9K1A1
			Dilution Factor: 1				
Arsenic	2000	1960	ug/L	98	SW846 6010B	07/26-07/27/10	L4M9K1A2
			Dilution Factor: 1				
Cadmium	50.0	51.1	ug/L	102	SW846 6010B	07/26-07/27/10	L4M9K1A3
			Dilution Factor: 1				
Cobalt	500	517	ug/L	103	SW846 6010B	07/26-07/27/10	L4M9K1A4
			Dilution Factor: 1				
Chromium	200	204	ug/L	102	SW846 6010B	07/26-07/27/10	L4M9K1A5
			Dilution Factor: 1				
Lead	500	510	ug/L	102	SW846 6010B	07/26-07/27/10	L4M9K1A6
			Dilution Factor: 1				
Selenium	2000	1960	ug/L	98	SW846 6010B	07/26-07/27/10	L4M9K1A7
			Dilution Factor: 1				
Thallium	2000	2000	ug/L	100	SW846 6010B	07/26-07/27/10	L4M9K1A8
			Dilution Factor: 1				
Vanadium	500	503	ug/L	101	SW846 6010B	07/26-07/27/10	L4M9K1A9
			Dilution Factor: 1				
Aluminum	2000	2000	ug/L	100	SW846 6010B	07/26-07/27/10	L4M9K1CA
			Dilution Factor: 1				
Barium	2000	2090	ug/L	105	SW846 6010B	07/26-07/27/10	L4M9K1CC
			Dilution Factor: 1				
Beryllium	50.0	49.1	ug/L	98	SW846 6010B	07/26-07/27/10	L4M9K1CD
			Dilution Factor: 1				
Copper	250	257	ug/L	103	SW846 6010B	07/26-07/27/10	L4M9K1CE
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	1000	1080	ug/L	108	SW846 6010B	07/26-07/27/10	L4M9K1CF
			Dilution Factor: 1				
Manganese	500	519	ug/L	104	SW846 6010B	07/26-07/27/10	L4M9K1CG
			Dilution Factor: 1				
Nickel	500	520	ug/L	104	SW846 6010B	07/26-07/27/10	L4M9K1CH
			Dilution Factor: 1				
Tin	2000	2070	ug/L	103	SW846 6010B	07/26-07/27/10	L4M9K1CJ
			Dilution Factor: 1				
Zinc	500	532	ug/L	106	SW846 6010B	07/26-07/27/10	L4M9K1CK
			Dilution Factor: 1				
Mercury	5.0	5.4	ug/L	108	SW846 7470A	07/26-07/28/10	L4M9K1CL
			Dilution Factor: 1				

LCS Lot-Sample#: C0G270000-372 **Prep Batch #...:** 0208372

Lithium	1000	986	ug/L	99	SW846 6010B	07/27-07/28/10	L4QVP1AC
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0G220521-001 **Prep Batch #...:** 0204018							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1C1
		Dilution Factor: 1					
Antimony	18 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CP
	17 N	(75 - 125)	0.81	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CQ
		Dilution Factor: 1					
Arsenic	64 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CD
	64 N	(75 - 125)	0.57	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CE
		Dilution Factor: 1					
Barium	54 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1C2
	69 N	(75 - 125)	7.3	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1C3
		Dilution Factor: 1					
Beryllium	48 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1C4
	63 N	(75 - 125)	6.6	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1C5
		Dilution Factor: 1					
Cadmium	60 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CF
	60 N	(75 - 125)	1.2	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CG
		Dilution Factor: 1					
Chromium	26 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CK
	33 N	(75 - 125)	5.2	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CL
		Dilution Factor: 1					
Cobalt	61 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CH
	60 N	(75 - 125)	1.3	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CJ
		Dilution Factor: 1					
Copper	67 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1C6
	65 N	(75 - 125)	2.0	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1C7
		Dilution Factor: 1					
Iron	NC,MSB	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1C8
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1C9
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	61 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CM
	61 N	(75 - 125)	0.53	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CN
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1DA
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1DC
		Dilution Factor: 1					
Mercury	95	(11 - 192)			SW846 7471A	07/23-07/26/10	L4JXJ1A8
	96	(11 - 192)	1.0	(0-20)	SW846 7471A	07/23-07/26/10	L4JXJ1A9
		Dilution Factor: 1					
Nickel	59 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1DD
	58 N	(75 - 125)	1.2	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1DE
		Dilution Factor: 1					
Selenium	60 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CR
	60 N	(75 - 125)	0.47	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CT
		Dilution Factor: 1					
Silver	75	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CA
	74 N	(75 - 125)	0.89	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CC
		Dilution Factor: 1					
Thallium	61 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CU
	61 N	(75 - 125)	0.02	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CV
		Dilution Factor: 1					
Tin	56 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1DF
	56 N	(75 - 125)	0.17	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1DG
		Dilution Factor: 1					
Vanadium	51 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1CW
	53 N	(75 - 125)	2.3	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1CX
		Dilution Factor: 1					
Zinc	68 N	(75 - 125)			SW846 6010B	07/23-07/26/10	L4JXJ1DH
	68 N	(75 - 125)	0.16	(0-20)	SW846 6010B	07/23-07/26/10	L4JXJ1DJ
		Dilution Factor: 1					

MS Lot-Sample #: A0G220521-001 **Prep Batch #...:** 0205038

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lithium	85	(75 - 125)			SW846 6010B	07/24-07/26/10	L4JXJ1DK
	82	(75 - 125)	2.4	(0-20)	SW846 6010B	07/24-07/26/10	L4JXJ1DL

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.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

MS Lot-Sample #: A0G220521-001 **Prep Batch #...:** 0204018

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum									
	25800	208	25600	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1C0
			Qualifiers: NC,MSB						
	25800	208	27100	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	ND	52.1	9.2 N	mg/kg	18		SW846 6010B	07/23-07/26/10	L4JXJ1CP
	ND	52.1	9.1 N	mg/kg	17	0.81	SW846 6010B	07/23-07/26/10	L4JXJ1CQ
			Dilution Factor: 1						
Arsenic									
	0.59	208	135 N	mg/kg	64		SW846 6010B	07/23-07/26/10	L4JXJ1CD
	0.59	208	134 N	mg/kg	64	0.57	SW846 6010B	07/23-07/26/10	L4JXJ1CE
			Dilution Factor: 1						
Barium									
	286	208	400 N	mg/kg	54		SW846 6010B	07/23-07/26/10	L4JXJ1C2
	286	208	430 N	mg/kg	69	7.3	SW846 6010B	07/23-07/26/10	L4JXJ1C3
			Dilution Factor: 1						
Beryllium									
	8.5	5.2	11.0 N	mg/kg	48		SW846 6010B	07/23-07/26/10	L4JXJ1C4
	8.5	5.2	11.7 N	mg/kg	63	6.6	SW846 6010B	07/23-07/26/10	L4JXJ1C5
			Dilution Factor: 1						
Cadmium									
	ND	5.2	3.1 N	mg/kg	60		SW846 6010B	07/23-07/26/10	L4JXJ1CF
	ND	5.2	3.1 N	mg/kg	60	1.2	SW846 6010B	07/23-07/26/10	L4JXJ1CG
			Dilution Factor: 1						
Chromium									
	23.0	20.8	28.4 N	mg/kg	26		SW846 6010B	07/23-07/26/10	L4JXJ1CK
	23.0	20.8	29.9 N	mg/kg	33	5.2	SW846 6010B	07/23-07/26/10	L4JXJ1CL
			Dilution Factor: 1						
Cobalt									
	1.1	52.1	32.6 N	mg/kg	61		SW846 6010B	07/23-07/26/10	L4JXJ1CH
	1.1	52.1	32.2 N	mg/kg	60	1.3	SW846 6010B	07/23-07/26/10	L4JXJ1CJ
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper									
	0.84	26.0	18.2 N	mg/kg	67		SW846 6010B	07/23-07/26/10	L4JXJ1C6
	0.84	26.0	17.8 N	mg/kg	65	2.0	SW846 6010B	07/23-07/26/10	L4JXJ1C7
			Dilution Factor: 1						
Iron									
	1820	104	1390	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1C8
			Qualifiers: NC,MSB						
	1820	104	1390	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1C9
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	0.35	52.1	32.1 N	mg/kg	61		SW846 6010B	07/23-07/26/10	L4JXJ1CM
	0.35	52.1	31.9 N	mg/kg	61	0.53	SW846 6010B	07/23-07/26/10	L4JXJ1CN
			Dilution Factor: 1						
Manganese									
	2770	52.1	2450	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1DA
			Qualifiers: NC,MSB						
	2770	52.1	2710	mg/kg			SW846 6010B	07/23-07/26/10	L4JXJ1DC
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	ND	0.17	0.17	mg/kg	95		SW846 7471A	07/23-07/26/10	L4JXJ1A8
	ND	0.17	0.17	mg/kg	96	1.0	SW846 7471A	07/23-07/26/10	L4JXJ1A9
			Dilution Factor: 1						
Nickel									
	0.29	52.1	30.9 N	mg/kg	59		SW846 6010B	07/23-07/26/10	L4JXJ1DD
	0.29	52.1	30.5 N	mg/kg	58	1.2	SW846 6010B	07/23-07/26/10	L4JXJ1DE
			Dilution Factor: 1						
Selenium									
	3.0	208	129 N	mg/kg	60		SW846 6010B	07/23-07/26/10	L4JXJ1CR
	3.0	208	128 N	mg/kg	60	0.47	SW846 6010B	07/23-07/26/10	L4JXJ1CT
			Dilution Factor: 1						
Silver									
	0.13	5.2	4.0	mg/kg	75		SW846 6010B	07/23-07/26/10	L4JXJ1CA
	0.13	5.2	4.0 N	mg/kg	74	0.89	SW846 6010B	07/23-07/26/10	L4JXJ1CC
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	7.4	208	135 N	mg/kg	61		SW846 6010B	07/23-07/26/10	L4JXJ1CU
	7.4	208	134 N	mg/kg	61	0.02	SW846 6010B	07/23-07/26/10	L4JXJ1CV
			Dilution Factor: 1						
Tin									
	ND	208	117 N	mg/kg	56		SW846 6010B	07/23-07/26/10	L4JXJ1DF
	ND	208	117 N	mg/kg	56	0.17	SW846 6010B	07/23-07/26/10	L4JXJ1DG
			Dilution Factor: 1						
Vanadium									
	24.1	52.1	50.7 N	mg/kg	51		SW846 6010B	07/23-07/26/10	L4JXJ1CW
	24.1	52.1	51.9 N	mg/kg	53	2.3	SW846 6010B	07/23-07/26/10	L4JXJ1CX
			Dilution Factor: 1						
Zinc									
	9.5	52.1	45.0 N	mg/kg	68		SW846 6010B	07/23-07/26/10	L4JXJ1DH
	9.5	52.1	45.0 N	mg/kg	68	0.16	SW846 6010B	07/23-07/26/10	L4JXJ1DJ
			Dilution Factor: 1						

MS Lot-Sample #: A0G220521-001 **Prep Batch #...:** 0205038

Lithium									
	35.5	104	124	mg/kg	85		SW846 6010B	07/24-07/26/10	L4JXJ1DK
	35.5	104	121	mg/kg	82	2.4	SW846 6010B	07/24-07/26/10	L4JXJ1DL
			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.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

MS Lot-Sample #: A0G220525-001 **Prep Batch #...:** 0207020
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	112	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CQ
	100	(50 - 150)	10	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CR
		Dilution Factor: 5					
Antimony	102	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1A3
	98	(50 - 150)	4.3	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1A4
		Dilution Factor: 5					
Arsenic	103	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1A7
	100	(50 - 150)	2.8	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1A8
		Dilution Factor: 5					
Barium	104	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CT
	101	(50 - 150)	3.2	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CU
		Dilution Factor: 5					
Beryllium	106	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CV
	103	(50 - 150)	3.3	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CW
		Dilution Factor: 5					
Cadmium	107	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1A9
	104	(50 - 150)	2.9	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CA
		Dilution Factor: 5					
Chromium	106	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CE
	103	(50 - 150)	3.1	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CF
		Dilution Factor: 5					
Cobalt	93	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CC
	91	(50 - 150)	2.0	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CD
		Dilution Factor: 5					
Copper	106	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CX
	101	(50 - 150)	4.2	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1C0
		Dilution Factor: 5					
Iron	111	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1C1
	112	(50 - 150)	1.5	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1C2
		Dilution Factor: 5					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	106	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CG
	103	(50 - 150)	3.4	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CH
		Dilution Factor: 5					
Manganese	106	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1C3
	103	(50 - 150)	3.2	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1C4
		Dilution Factor: 5					
Nickel	107	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1C5
	104	(50 - 150)	2.5	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1C6
		Dilution Factor: 5					
Selenium	96	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CJ
	93	(50 - 150)	3.4	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CK
		Dilution Factor: 5					
Silver	105	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1A5
	103	(50 - 150)	2.4	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1A6
		Dilution Factor: 5					
Thallium	102	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CL
	97	(50 - 150)	4.7	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CM
		Dilution Factor: 5					
Tin	104	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1C7
	101	(50 - 150)	2.9	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1C8
		Dilution Factor: 5					
Vanadium	104	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1CN
	101	(50 - 150)	3.3	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1CP
		Dilution Factor: 5					
Zinc	113	(50 - 150)			SW846 6010B	07/26-07/27/10	L4J0Q1C9
	108	(50 - 150)	4.5	(0-20)	SW846 6010B	07/26-07/27/10	L4J0Q1DA
		Dilution Factor: 5					
Mercury	102	(50 - 150)			SW846 7470A	07/26-07/28/10	L4J0Q1DC
	110	(50 - 150)	7.6	(0-20)	SW846 7470A	07/26-07/28/10	L4J0Q1DD
		Dilution Factor: 1					

MS Lot-Sample #: A0G220525-001 **Prep Batch #...:** 0208372
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307
(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lithium	99	(75 - 125)			SW846 6010B	07/27-07/28/10	L4J0Q1DE
	100	(75 - 125)	0.37	(0-20)	SW846 6010B	07/27-07/28/10	L4J0Q1DF

Dilution Factor: 1

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

MS Lot-Sample #: A0G220525-001 **Prep Batch #...:** 0207020
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum									
	216	2000	2460	ug/L	112		SW846 6010B	07/26-07/27/10	L4J0Q1CQ
	216	2000	2220	ug/L	100	10	SW846 6010B	07/26-07/27/10	L4J0Q1CR
			Dilution Factor: 5						
Antimony									
	ND	500	512	ug/L	102		SW846 6010B	07/26-07/27/10	L4J0Q1A3
	ND	500	491	ug/L	98	4.3	SW846 6010B	07/26-07/27/10	L4J0Q1A4
			Dilution Factor: 5						
Arsenic									
	ND	5000	5170	ug/L	103		SW846 6010B	07/26-07/27/10	L4J0Q1A7
	ND	5000	5020	ug/L	100	2.8	SW846 6010B	07/26-07/27/10	L4J0Q1A8
			Dilution Factor: 5						
Barium									
	141	50000	52300	ug/L	104		SW846 6010B	07/26-07/27/10	L4J0Q1CT
	141	50000	50600	ug/L	101	3.2	SW846 6010B	07/26-07/27/10	L4J0Q1CU
			Dilution Factor: 5						
Beryllium									
	ND	50.0	53.0	ug/L	106		SW846 6010B	07/26-07/27/10	L4J0Q1CV
	ND	50.0	51.3	ug/L	103	3.3	SW846 6010B	07/26-07/27/10	L4J0Q1CW
			Dilution Factor: 5						
Cadmium									
	ND	1000	1070	ug/L	107		SW846 6010B	07/26-07/27/10	L4J0Q1A9
	ND	1000	1040	ug/L	104	2.9	SW846 6010B	07/26-07/27/10	L4J0Q1CA
			Dilution Factor: 5						
Chromium									
	ND	5000	5300	ug/L	106		SW846 6010B	07/26-07/27/10	L4J0Q1CE
	ND	5000	5140	ug/L	103	3.1	SW846 6010B	07/26-07/27/10	L4J0Q1CF
			Dilution Factor: 5						
Cobalt									
	ND	500	463	ug/L	93		SW846 6010B	07/26-07/27/10	L4J0Q1CC
	ND	500	454	ug/L	91	2.0	SW846 6010B	07/26-07/27/10	L4J0Q1CD
			Dilution Factor: 5						

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MATRIX SPIKE SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper									
	ND	250	264	ug/L	106		SW846 6010B	07/26-07/27/10	L4J0Q1CX
	ND	250	253	ug/L	101	4.2	SW846 6010B	07/26-07/27/10	L4J0Q1C0
			Dilution Factor: 5						
Iron									
	ND	1000	1110	ug/L	111		SW846 6010B	07/26-07/27/10	L4J0Q1C1
	ND	1000	1120	ug/L	112	1.5	SW846 6010B	07/26-07/27/10	L4J0Q1C2
			Dilution Factor: 5						
Lead									
	ND	5000	5320	ug/L	106		SW846 6010B	07/26-07/27/10	L4J0Q1CG
	ND	5000	5140	ug/L	103	3.4	SW846 6010B	07/26-07/27/10	L4J0Q1CH
			Dilution Factor: 5						
Manganese									
	2.6	500	533	ug/L	106		SW846 6010B	07/26-07/27/10	L4J0Q1C3
	2.6	500	516	ug/L	103	3.2	SW846 6010B	07/26-07/27/10	L4J0Q1C4
			Dilution Factor: 5						
Nickel									
	ND	500	535	ug/L	107		SW846 6010B	07/26-07/27/10	L4J0Q1C5
	ND	500	521	ug/L	104	2.5	SW846 6010B	07/26-07/27/10	L4J0Q1C6
			Dilution Factor: 5						
Selenium									
	ND	1000	958	ug/L	96		SW846 6010B	07/26-07/27/10	L4J0Q1CJ
	ND	1000	926	ug/L	93	3.4	SW846 6010B	07/26-07/27/10	L4J0Q1CK
			Dilution Factor: 5						
Silver									
	ND	1000	1050	ug/L	105		SW846 6010B	07/26-07/27/10	L4J0Q1A5
	ND	1000	1030	ug/L	103	2.4	SW846 6010B	07/26-07/27/10	L4J0Q1A6
			Dilution Factor: 5						
Thallium									
	ND	2000	2030	ug/L	102		SW846 6010B	07/26-07/27/10	L4J0Q1CL
	ND	2000	1940	ug/L	97	4.7	SW846 6010B	07/26-07/27/10	L4J0Q1CM
			Dilution Factor: 5						
Tin									
	35.0	2000	2120	ug/L	104		SW846 6010B	07/26-07/27/10	L4J0Q1C7
	35.0	2000	2060	ug/L	101	2.9	SW846 6010B	07/26-07/27/10	L4J0Q1C8
			Dilution Factor: 5						

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MATRIX SPIKE SAMPLE DATA REPORT

SPLP Metals

Client Lot #...: 0G22521 **Matrix.....:** SL
Date Sampled...: 07/21/10 08:00 **Date Received..:** 07/22/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	14.5	500	537	ug/L	104		SW846 6010B	07/26-07/27/10	L4J0Q1CN
	14.5	500	519	ug/L	101	3.3	SW846 6010B	07/26-07/27/10	L4J0Q1CP
			Dilution Factor: 5						
Zinc									
	ND	500	564	ug/L	113		SW846 6010B	07/26-07/27/10	L4J0Q1C9
	ND	500	540	ug/L	108	4.5	SW846 6010B	07/26-07/27/10	L4J0Q1DA
			Dilution Factor: 5						
Mercury									
	ND	5.0	5.1	ug/L	102		SW846 7470A	07/26-07/28/10	L4J0Q1DC
	ND	5.0	5.5	ug/L	110	7.6	SW846 7470A	07/26-07/28/10	L4J0Q1DD
			Dilution Factor: 1						

MS Lot-Sample #: A0G220525-001 **Prep Batch #...:** 0208372
Leach Date.....: 07/22/10 **Leach Batch #..:** P020307

Lithium									
	6.4	1000	1000	ug/L	99		SW846 6010B	07/27-07/28/10	L4J0Q1DE
	6.4	1000	1000	ug/L	100	0.37	SW846 6010B	07/27-07/28/10	L4J0Q1DF
			Dilution Factor: 1						

NOTE(S):

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

END OF REPORT