



December 6, 2023

Project No. 31404505.036

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**SUBJECT: STORMWATER SAMPLING DATA
2023 ANNUAL
FACILITY PERMIT NO. 0GR00401*FG**

Attached is the laboratory data report for the following facility:

Facility Permit No. 0GR00401*FG

Facility Name: Cyprus Amax Minerals Company, Inc.

Facility Location: 4243 County Road 74

City/Township: Mingo Junction

County: Jefferson

Receiving Water: Cross Creek

Contact Name: Steve Anderson, WSP

There was no active land disturbance during 2023; therefore, quarterly monitoring was not required per the permit. Should you have any questions about this report, please contact me or Barb Nielsen at (602) 366-8270.

Yours sincerely,

WSP

R. Stephen Anderson

Mid-Atlantic District Leader, Earth & Environment Vice President

RSA/mtd

CC: Barb Nielsen, Cyprus Amax Minerals Company

Attachments: ISWPP Laboratory Results November 2023

c:\users\usmd701094\desktop\iswpp 2023 final letter.docx

WSP

10 Lake Center Drive Suite 205 Marlton, New Jersey 08053

T: 856-793-2005

wsp.com

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Bob Ireson
WSP USA Inc
2 Miranova Place
Suite 450

Columbus, Ohio 43215

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JOB DESCRIPTION

Former Satralloy Site ISWPP

JOB NUMBER

240-195077-1

Eurofins Cleveland

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: WSP USA Inc

Job ID: 240-195077-1

Project/Site: Former Satralloy Site ISWPP

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Job ID: 240-195077-1

Laboratory: Eurofins Cleveland

Narrative

Job Narrative 240-195077-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method. Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 11/9/2023 3:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 14.2°C

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: WSP USA Inc

Job ID: 240-195077-1

Project/Site: Former Satralloy Site ISWPP

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EET CLE
3500-Cr B-2009	Chromium, Hexavalent	SM	EET CLE
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CLE
SM 2540D	Solids, Total Suspended (TSS)	SM	EET CLE
SM 4500 H+ B	pH	SM	EET CLE
200.8	Preparation, Total Recoverable Metals	EPA	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: WSP USA Inc

Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-195077-1	US-01	Water	11/09/23 12:05	11/09/23 15:15
240-195077-2	SC-01	Water	11/09/23 12:10	11/09/23 15:15
240-195077-3	GC-09	Water	11/09/23 12:45	11/09/23 15:15
240-195077-4	GC-06	Water	11/09/23 12:50	11/09/23 15:15
240-195077-5	GC-05	Water	11/09/23 13:15	11/09/23 15:15
240-195077-6	DS-01	Water	11/09/23 13:20	11/09/23 15:15
240-195077-7	GC-01	Water	11/09/23 13:25	11/09/23 15:15
240-195077-8	GC-04D	Water	11/09/23 13:35	11/09/23 15:15
240-195077-9	FD-01	Water	11/09/23 00:00	11/09/23 15:15

Detection Summary

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: US-01

Lab Sample ID: 240-195077-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	580		10	7.8	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	3.1	J	4.1	0.41	mg/L	1		SM 2540D	Total/NA
pH	8.4	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: SC-01

Lab Sample ID: 240-195077-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	52		5.0	1.2	ug/L	1		200.8	Total Recoverable
Cr (VI)	0.036		0.020	0.0070	mg/L	1		3500-Cr B-2009	Total/NA
Total Dissolved Solids	120		10	7.8	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	2.6	J	4.0	0.40	mg/L	1		SM 2540D	Total/NA
pH	9.7	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: GC-09

Lab Sample ID: 240-195077-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	220		5.0	1.2	ug/L	1		200.8	Total Recoverable
Cr (VI)	0.23		0.020	0.0070	mg/L	1		3500-Cr B-2009	Total/NA
Total Dissolved Solids	480		10	7.8	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	1.2	J	4.0	0.40	mg/L	1		SM 2540D	Total/NA
pH	8.3	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: GC-06

Lab Sample ID: 240-195077-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	290		5.0	1.2	ug/L	1		200.8	Total Recoverable
Cr (VI)	0.31		0.020	0.0070	mg/L	1		3500-Cr B-2009	Total/NA
Total Dissolved Solids	490		10	7.8	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	0.60	J	4.0	0.40	mg/L	1		SM 2540D	Total/NA
pH	8.1	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: GC-05

Lab Sample ID: 240-195077-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	370		5.0	1.2	ug/L	1		200.8	Total Recoverable
Cr (VI)	0.43		0.020	0.0070	mg/L	1		3500-Cr B-2009	Total/NA
Total Dissolved Solids	590		10	7.8	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	0.70	J	4.0	0.40	mg/L	1		SM 2540D	Total/NA
pH	8.8	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: DS-01

Lab Sample ID: 240-195077-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	960		10	7.8	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	0.60	J	4.0	0.40	mg/L	1		SM 2540D	Total/NA
pH	8.5	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: GC-01

Lab Sample ID: 240-195077-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	900		10	7.8	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Detection Summary

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: GC-01 (Continued)

Lab Sample ID: 240-195077-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	5.8		4.0	0.40	mg/L	1		SM 2540D	Total/NA
pH	8.2	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: GC-04D

Lab Sample ID: 240-195077-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	110		5.0	1.2	ug/L	1		200.8	Total Recoverable
Total Dissolved Solids	800		10	7.8	mg/L	1		SM 2540C	Total/NA
pH	8.0	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: FD-01

Lab Sample ID: 240-195077-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.099		0.020	0.0070	mg/L	1		3500-Cr B-2009	Total/NA
Total Dissolved Solids	580		10	7.8	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	1.7	J	4.0	0.40	mg/L	1		SM 2540D	Total/NA
pH	8.4	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: US-01

Lab Sample ID: 240-195077-1

Date Collected: 11/09/23 12:05

Matrix: Water

Date Received: 11/09/23 15:15

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<1.2		5.0	1.2	ug/L		11/10/23 14:00	11/13/23 20:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SM 3500-Cr B-2009)	<0.0070		0.020	0.0070	mg/L			11/09/23 17:20	1
Total Dissolved Solids (SM 2540C)	580		10	7.8	mg/L			11/16/23 09:57	1
Total Suspended Solids (SM 2540D)	3.1	J	4.1	0.41	mg/L			11/16/23 11:51	1
pH (SM 4500 H+ B)	8.4	HF	0.1	0.1	SU			11/10/23 13:53	1

Client Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: SC-01

Lab Sample ID: 240-195077-2

Date Collected: 11/09/23 12:10

Matrix: Water

Date Received: 11/09/23 15:15

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	52		5.0	1.2	ug/L		11/10/23 14:00	11/13/23 20:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SM 3500-Cr B-2009)	0.036		0.020	0.0070	mg/L			11/09/23 17:21	1
Total Dissolved Solids (SM 2540C)	120		10	7.8	mg/L			11/16/23 09:57	1
Total Suspended Solids (SM 2540D)	2.6	J	4.0	0.40	mg/L			11/16/23 11:51	1
pH (SM 4500 H+ B)	9.7	HF	0.1	0.1	SU			11/10/23 13:12	1

Client Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: GC-09

Lab Sample ID: 240-195077-3

Date Collected: 11/09/23 12:45

Matrix: Water

Date Received: 11/09/23 15:15

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	220		5.0	1.2	ug/L		11/10/23 14:00	11/13/23 20:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SM 3500-Cr B-2009)	0.23		0.020	0.0070	mg/L			11/09/23 17:21	1
Total Dissolved Solids (SM 2540C)	480		10	7.8	mg/L			11/16/23 09:57	1
Total Suspended Solids (SM 2540D)	1.2	J	4.0	0.40	mg/L			11/16/23 15:09	1
pH (SM 4500 H+ B)	8.3	HF	0.1	0.1	SU			11/10/23 13:19	1

Client Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: GC-06

Lab Sample ID: 240-195077-4

Date Collected: 11/09/23 12:50

Matrix: Water

Date Received: 11/09/23 15:15

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	290		5.0	1.2	ug/L		11/10/23 14:00	11/13/23 20:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SM 3500-Cr B-2009)	0.31		0.020	0.0070	mg/L			11/09/23 17:22	1
Total Dissolved Solids (SM 2540C)	490		10	7.8	mg/L			11/16/23 09:57	1
Total Suspended Solids (SM 2540D)	0.60	J	4.0	0.40	mg/L			11/16/23 15:09	1
pH (SM 4500 H+ B)	8.1	HF	0.1	0.1	SU			11/10/23 13:27	1

Client Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: GC-05

Lab Sample ID: 240-195077-5

Date Collected: 11/09/23 13:15

Matrix: Water

Date Received: 11/09/23 15:15

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	370		5.0	1.2	ug/L		11/10/23 14:00	11/13/23 20:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SM 3500-Cr B-2009)	0.43		0.020	0.0070	mg/L			11/09/23 17:23	1
Total Dissolved Solids (SM 2540C)	590		10	7.8	mg/L			11/16/23 09:57	1
Total Suspended Solids (SM 2540D)	0.70	J	4.0	0.40	mg/L			11/16/23 15:09	1
pH (SM 4500 H+ B)	8.8	HF	0.1	0.1	SU			11/10/23 13:10	1

Client Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: DS-01

Lab Sample ID: 240-195077-6

Date Collected: 11/09/23 13:20

Matrix: Water

Date Received: 11/09/23 15:15

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<1.2		5.0	1.2	ug/L		11/10/23 14:00	11/13/23 20:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SM 3500-Cr B-2009)	<0.0070		0.020	0.0070	mg/L			11/09/23 17:32	1
Total Dissolved Solids (SM 2540C)	960		10	7.8	mg/L			11/16/23 09:57	1
Total Suspended Solids (SM 2540D)	0.60	J	4.0	0.40	mg/L			11/16/23 15:09	1
pH (SM 4500 H+ B)	8.5	HF	0.1	0.1	SU			11/10/23 13:30	1

Client Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: GC-01

Lab Sample ID: 240-195077-7

Date Collected: 11/09/23 13:25

Matrix: Water

Date Received: 11/09/23 15:15

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<1.2		5.0	1.2	ug/L		11/10/23 14:00	11/13/23 20:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SM 3500-Cr B-2009)	<0.0070		0.020	0.0070	mg/L			11/09/23 17:22	1
Total Dissolved Solids (SM 2540C)	900		10	7.8	mg/L			11/16/23 09:57	1
Total Suspended Solids (SM 2540D)	5.8		4.0	0.40	mg/L			11/16/23 15:09	1
pH (SM 4500 H+ B)	8.2	HF	0.1	0.1	SU			11/10/23 13:40	1

Client Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: GC-04D

Lab Sample ID: 240-195077-8

Date Collected: 11/09/23 13:35

Matrix: Water

Date Received: 11/09/23 15:15

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	110		5.0	1.2	ug/L		11/10/23 14:00	11/13/23 20:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SM 3500-Cr B-2009)	<0.0070		0.020	0.0070	mg/L			11/09/23 17:33	1
Total Dissolved Solids (SM 2540C)	800		10	7.8	mg/L			11/16/23 09:57	1
Total Suspended Solids (SM 2540D)	<0.40		4.0	0.40	mg/L			11/16/23 15:09	1
pH (SM 4500 H+ B)	8.0	HF	0.1	0.1	SU			11/10/23 13:32	1

Client Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: FD-01

Lab Sample ID: 240-195077-9

Date Collected: 11/09/23 00:00

Matrix: Water

Date Received: 11/09/23 15:15

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<1.2		5.0	1.2	ug/L		11/10/23 14:00	11/13/23 20:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SM 3500-Cr B-2009)	0.099		0.020	0.0070	mg/L			11/09/23 17:34	1
Total Dissolved Solids (SM 2540C)	580		10	7.8	mg/L			11/16/23 09:57	1
Total Suspended Solids (SM 2540D)	1.7	J	4.0	0.40	mg/L			11/16/23 15:09	1
pH (SM 4500 H+ B)	8.4	HF	0.1	0.1	SU			11/10/23 13:48	1

QC Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 240-594191/1-A
Matrix: Water
Analysis Batch: 594473

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 594191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<1.2		5.0	1.2	ug/L		11/10/23 14:00	11/13/23 19:10	1

Lab Sample ID: LCS 240-594191/2-A
Matrix: Water
Analysis Batch: 594473

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 594191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	500	490		ug/L		98	85 - 115

Method: 3500-Cr B-2009 - Chromium, Hexavalent

Lab Sample ID: MB 240-594001/27
Matrix: Water
Analysis Batch: 594001

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.0070		0.020	0.0070	mg/L			11/09/23 17:31	1

Lab Sample ID: MB 240-594001/3
Matrix: Water
Analysis Batch: 594001

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.0070		0.020	0.0070	mg/L			11/09/23 08:25	1

Lab Sample ID: LCS 240-594001/28
Matrix: Water
Analysis Batch: 594001

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.250	0.274		mg/L		110	85 - 115

Lab Sample ID: LCS 240-594001/4
Matrix: Water
Analysis Batch: 594001

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.250	0.286		mg/L		114	85 - 115

Lab Sample ID: 240-195077-6 MS
Matrix: Water
Analysis Batch: 594001

Client Sample ID: DS-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	<0.0070		0.250	0.259		mg/L		103	85 - 115

Eurofins Cleveland

QC Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Method: 3500-Cr B-2009 - Chromium, Hexavalent (Continued)

Lab Sample ID: 240-195077-6 MSD
Matrix: Water
Analysis Batch: 594001

Client Sample ID: DS-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.0070		0.250	0.253		mg/L		101	85 - 115	2	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 240-594843/1
Matrix: Water
Analysis Batch: 594843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<7.8		10	7.8	mg/L			11/16/23 09:57	1

Lab Sample ID: LCS 240-594843/2
Matrix: Water
Analysis Batch: 594843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	564	544		mg/L		96	80 - 120

Lab Sample ID: 240-195077-7 DU
Matrix: Water
Analysis Batch: 594843

Client Sample ID: GC-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	900		894		mg/L		0.8	20

Lab Sample ID: 240-195077-9 DU
Matrix: Water
Analysis Batch: 594843

Client Sample ID: FD-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	580		551		mg/L		4	20

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 240-594873/1
Matrix: Water
Analysis Batch: 594873

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<0.40		4.0	0.40	mg/L			11/16/23 11:51	1

Lab Sample ID: LCS 240-594873/2
Matrix: Water
Analysis Batch: 594873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	54.0	44.0		mg/L		81	64 - 120

Eurofins Cleveland

QC Sample Results

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Method: SM 2540D - Solids, Total Suspended (TSS) (Continued)

Lab Sample ID: MB 240-594914/1

Matrix: Water

Analysis Batch: 594914

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<0.40		4.0	0.40	mg/L			11/16/23 15:09	1

Lab Sample ID: LCS 240-594914/2

Matrix: Water

Analysis Batch: 594914

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	54.0	48.0		mg/L		89	64 - 120

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 240-594262/55

Matrix: Water

Analysis Batch: 594262

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH	9.14	9.1		SU		99	97 - 103

Lab Sample ID: 240-195077-3 DU

Matrix: Water

Analysis Batch: 594262

Client Sample ID: GC-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3	HF	8.3		SU		0.2	20

Lab Sample ID: 240-195077-9 DU

Matrix: Water

Analysis Batch: 594262

Client Sample ID: FD-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.4	HF	8.4		SU		0.4	20

QC Association Summary

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Metals

Prep Batch: 594191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-195077-1	US-01	Total Recoverable	Water	200.8	
240-195077-2	SC-01	Total Recoverable	Water	200.8	
240-195077-3	GC-09	Total Recoverable	Water	200.8	
240-195077-4	GC-06	Total Recoverable	Water	200.8	
240-195077-5	GC-05	Total Recoverable	Water	200.8	
240-195077-6	DS-01	Total Recoverable	Water	200.8	
240-195077-7	GC-01	Total Recoverable	Water	200.8	
240-195077-8	GC-04D	Total Recoverable	Water	200.8	
240-195077-9	FD-01	Total Recoverable	Water	200.8	
MB 240-594191/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 240-594191/2-A	Lab Control Sample	Total Recoverable	Water	200.8	

Analysis Batch: 594473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-195077-1	US-01	Total Recoverable	Water	200.8	594191
240-195077-2	SC-01	Total Recoverable	Water	200.8	594191
240-195077-3	GC-09	Total Recoverable	Water	200.8	594191
240-195077-4	GC-06	Total Recoverable	Water	200.8	594191
240-195077-5	GC-05	Total Recoverable	Water	200.8	594191
240-195077-6	DS-01	Total Recoverable	Water	200.8	594191
240-195077-7	GC-01	Total Recoverable	Water	200.8	594191
240-195077-8	GC-04D	Total Recoverable	Water	200.8	594191
240-195077-9	FD-01	Total Recoverable	Water	200.8	594191
MB 240-594191/1-A	Method Blank	Total Recoverable	Water	200.8	594191
LCS 240-594191/2-A	Lab Control Sample	Total Recoverable	Water	200.8	594191

General Chemistry

Analysis Batch: 594001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-195077-1	US-01	Total/NA	Water	3500-Cr B-2009	
240-195077-2	SC-01	Total/NA	Water	3500-Cr B-2009	
240-195077-3	GC-09	Total/NA	Water	3500-Cr B-2009	
240-195077-4	GC-06	Total/NA	Water	3500-Cr B-2009	
240-195077-5	GC-05	Total/NA	Water	3500-Cr B-2009	
240-195077-6	DS-01	Total/NA	Water	3500-Cr B-2009	
240-195077-7	GC-01	Total/NA	Water	3500-Cr B-2009	
240-195077-8	GC-04D	Total/NA	Water	3500-Cr B-2009	
240-195077-9	FD-01	Total/NA	Water	3500-Cr B-2009	
MB 240-594001/27	Method Blank	Total/NA	Water	3500-Cr B-2009	
MB 240-594001/3	Method Blank	Total/NA	Water	3500-Cr B-2009	
LCS 240-594001/28	Lab Control Sample	Total/NA	Water	3500-Cr B-2009	
LCS 240-594001/4	Lab Control Sample	Total/NA	Water	3500-Cr B-2009	
240-195077-6 MS	DS-01	Total/NA	Water	3500-Cr B-2009	
240-195077-6 MSD	DS-01	Total/NA	Water	3500-Cr B-2009	

Analysis Batch: 594262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-195077-1	US-01	Total/NA	Water	SM 4500 H+ B	
240-195077-2	SC-01	Total/NA	Water	SM 4500 H+ B	
240-195077-3	GC-09	Total/NA	Water	SM 4500 H+ B	

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QC Association Summary

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

General Chemistry (Continued)

Analysis Batch: 594262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-195077-4	GC-06	Total/NA	Water	SM 4500 H+ B	
240-195077-5	GC-05	Total/NA	Water	SM 4500 H+ B	
240-195077-6	DS-01	Total/NA	Water	SM 4500 H+ B	
240-195077-7	GC-01	Total/NA	Water	SM 4500 H+ B	
240-195077-8	GC-04D	Total/NA	Water	SM 4500 H+ B	
240-195077-9	FD-01	Total/NA	Water	SM 4500 H+ B	
LCS 240-594262/55	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
240-195077-3 DU	GC-09	Total/NA	Water	SM 4500 H+ B	
240-195077-9 DU	FD-01	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 594843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-195077-1	US-01	Total/NA	Water	SM 2540C	
240-195077-2	SC-01	Total/NA	Water	SM 2540C	
240-195077-3	GC-09	Total/NA	Water	SM 2540C	
240-195077-4	GC-06	Total/NA	Water	SM 2540C	
240-195077-5	GC-05	Total/NA	Water	SM 2540C	
240-195077-6	DS-01	Total/NA	Water	SM 2540C	
240-195077-7	GC-01	Total/NA	Water	SM 2540C	
240-195077-8	GC-04D	Total/NA	Water	SM 2540C	
240-195077-9	FD-01	Total/NA	Water	SM 2540C	
MB 240-594843/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 240-594843/2	Lab Control Sample	Total/NA	Water	SM 2540C	
240-195077-7 DU	GC-01	Total/NA	Water	SM 2540C	
240-195077-9 DU	FD-01	Total/NA	Water	SM 2540C	

Analysis Batch: 594873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-195077-1	US-01	Total/NA	Water	SM 2540D	
240-195077-2	SC-01	Total/NA	Water	SM 2540D	
MB 240-594873/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 240-594873/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 594914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-195077-3	GC-09	Total/NA	Water	SM 2540D	
240-195077-4	GC-06	Total/NA	Water	SM 2540D	
240-195077-5	GC-05	Total/NA	Water	SM 2540D	
240-195077-6	DS-01	Total/NA	Water	SM 2540D	
240-195077-7	GC-01	Total/NA	Water	SM 2540D	
240-195077-8	GC-04D	Total/NA	Water	SM 2540D	
240-195077-9	FD-01	Total/NA	Water	SM 2540D	
MB 240-594914/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 240-594914/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: US-01

Lab Sample ID: 240-195077-1

Date Collected: 11/09/23 12:05

Matrix: Water

Date Received: 11/09/23 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			594191	BN	EET CLE	11/10/23 14:00
Total Recoverable	Analysis	200.8		1	594473	RKT	EET CLE	11/13/23 20:02
Total/NA	Analysis	3500-Cr B-2009		1	594001	QUY8	EET CLE	11/09/23 17:20
Total/NA	Analysis	SM 2540C		1	594843	C5SV	EET CLE	11/16/23 09:57
Total/NA	Analysis	SM 2540D		1	594873	C5SV	EET CLE	11/16/23 11:51
Total/NA	Analysis	SM 4500 H+ B		1	594262	QUY8	EET CLE	11/10/23 13:53

Client Sample ID: SC-01

Lab Sample ID: 240-195077-2

Date Collected: 11/09/23 12:10

Matrix: Water

Date Received: 11/09/23 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			594191	BN	EET CLE	11/10/23 14:00
Total Recoverable	Analysis	200.8		1	594473	RKT	EET CLE	11/13/23 20:05
Total/NA	Analysis	3500-Cr B-2009		1	594001	QUY8	EET CLE	11/09/23 17:21
Total/NA	Analysis	SM 2540C		1	594843	C5SV	EET CLE	11/16/23 09:57
Total/NA	Analysis	SM 2540D		1	594873	C5SV	EET CLE	11/16/23 11:51
Total/NA	Analysis	SM 4500 H+ B		1	594262	QUY8	EET CLE	11/10/23 13:12

Client Sample ID: GC-09

Lab Sample ID: 240-195077-3

Date Collected: 11/09/23 12:45

Matrix: Water

Date Received: 11/09/23 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			594191	BN	EET CLE	11/10/23 14:00
Total Recoverable	Analysis	200.8		1	594473	RKT	EET CLE	11/13/23 20:07
Total/NA	Analysis	3500-Cr B-2009		1	594001	QUY8	EET CLE	11/09/23 17:21
Total/NA	Analysis	SM 2540C		1	594843	C5SV	EET CLE	11/16/23 09:57
Total/NA	Analysis	SM 2540D		1	594914	C5SV	EET CLE	11/16/23 15:09
Total/NA	Analysis	SM 4500 H+ B		1	594262	QUY8	EET CLE	11/10/23 13:19

Client Sample ID: GC-06

Lab Sample ID: 240-195077-4

Date Collected: 11/09/23 12:50

Matrix: Water

Date Received: 11/09/23 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			594191	BN	EET CLE	11/10/23 14:00
Total Recoverable	Analysis	200.8		1	594473	RKT	EET CLE	11/13/23 20:10
Total/NA	Analysis	3500-Cr B-2009		1	594001	QUY8	EET CLE	11/09/23 17:22
Total/NA	Analysis	SM 2540C		1	594843	C5SV	EET CLE	11/16/23 09:57
Total/NA	Analysis	SM 2540D		1	594914	C5SV	EET CLE	11/16/23 15:09
Total/NA	Analysis	SM 4500 H+ B		1	594262	QUY8	EET CLE	11/10/23 13:27

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Lab Chronicle

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: GC-05

Lab Sample ID: 240-195077-5

Date Collected: 11/09/23 13:15

Matrix: Water

Date Received: 11/09/23 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			594191	BN	EET CLE	11/10/23 14:00
Total Recoverable	Analysis	200.8		1	594473	RKT	EET CLE	11/13/23 20:17
Total/NA	Analysis	3500-Cr B-2009		1	594001	QUY8	EET CLE	11/09/23 17:23
Total/NA	Analysis	SM 2540C		1	594843	C5SV	EET CLE	11/16/23 09:57
Total/NA	Analysis	SM 2540D		1	594914	C5SV	EET CLE	11/16/23 15:09
Total/NA	Analysis	SM 4500 H+ B		1	594262	QUY8	EET CLE	11/10/23 13:10

Client Sample ID: DS-01

Lab Sample ID: 240-195077-6

Date Collected: 11/09/23 13:20

Matrix: Water

Date Received: 11/09/23 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			594191	BN	EET CLE	11/10/23 14:00
Total Recoverable	Analysis	200.8		1	594473	RKT	EET CLE	11/13/23 20:20
Total/NA	Analysis	3500-Cr B-2009		1	594001	QUY8	EET CLE	11/09/23 17:32
Total/NA	Analysis	SM 2540C		1	594843	C5SV	EET CLE	11/16/23 09:57
Total/NA	Analysis	SM 2540D		1	594914	C5SV	EET CLE	11/16/23 15:09
Total/NA	Analysis	SM 4500 H+ B		1	594262	QUY8	EET CLE	11/10/23 13:30

Client Sample ID: GC-01

Lab Sample ID: 240-195077-7

Date Collected: 11/09/23 13:25

Matrix: Water

Date Received: 11/09/23 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			594191	BN	EET CLE	11/10/23 14:00
Total Recoverable	Analysis	200.8		1	594473	RKT	EET CLE	11/13/23 20:23
Total/NA	Analysis	3500-Cr B-2009		1	594001	QUY8	EET CLE	11/09/23 17:22
Total/NA	Analysis	SM 2540C		1	594843	C5SV	EET CLE	11/16/23 09:57
Total/NA	Analysis	SM 2540D		1	594914	C5SV	EET CLE	11/16/23 15:09
Total/NA	Analysis	SM 4500 H+ B		1	594262	QUY8	EET CLE	11/10/23 13:40

Client Sample ID: GC-04D

Lab Sample ID: 240-195077-8

Date Collected: 11/09/23 13:35

Matrix: Water

Date Received: 11/09/23 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			594191	BN	EET CLE	11/10/23 14:00
Total Recoverable	Analysis	200.8		1	594473	RKT	EET CLE	11/13/23 20:25
Total/NA	Analysis	3500-Cr B-2009		1	594001	QUY8	EET CLE	11/09/23 17:33
Total/NA	Analysis	SM 2540C		1	594843	C5SV	EET CLE	11/16/23 09:57
Total/NA	Analysis	SM 2540D		1	594914	C5SV	EET CLE	11/16/23 15:09
Total/NA	Analysis	SM 4500 H+ B		1	594262	QUY8	EET CLE	11/10/23 13:32

Eurofins Cleveland

Lab Chronicle

Client: WSP USA Inc
Project/Site: Former Satralloy Site ISWPP

Job ID: 240-195077-1

Client Sample ID: FD-01
Date Collected: 11/09/23 00:00
Date Received: 11/09/23 15:15

Lab Sample ID: 240-195077-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			594191	BN	EET CLE	11/10/23 14:00
Total Recoverable	Analysis	200.8		1	594473	RKT	EET CLE	11/13/23 20:28
Total/NA	Analysis	3500-Cr B-2009		1	594001	QUY8	EET CLE	11/09/23 17:34
Total/NA	Analysis	SM 2540C		1	594843	C5SV	EET CLE	11/16/23 09:57
Total/NA	Analysis	SM 2540D		1	594914	C5SV	EET CLE	11/16/23 15:09
Total/NA	Analysis	SM 4500 H+ B		1	594262	QUY8	EET CLE	11/10/23 13:48

Laboratory References:
EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: WSP USA Inc

Job ID: 240-195077-1

Project/Site: Former Satralloy Site ISWPP

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-27-24
Georgia	State	4062	02-27-24
Illinois	NELAP	200004	07-31-24
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-28-24
Kentucky (WW)	State	KY98016	12-31-23
Michigan	State	9135	02-27-24
Minnesota	NELAP	039-999-348	12-31-23
Minnesota (Petrofund)	State	3506	08-01-23 *
New Jersey	NELAP	OH001	07-01-24
New York	NELAP	10975	04-02-24
Ohio	State	8303	02-27-24
Ohio VAP	State	ORELAP 4062	02-27-24
Oregon	NELAP	4062	02-27-24
Pennsylvania	NELAP	68-00340	08-31-24
Texas	NELAP	T104704517-22-19	08-31-24
Virginia	NELAP	460175	09-14-24
West Virginia DEP	State	210	12-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland

Chain of Custody Record

Client Information		Lab PM: Brooks, Kris M		Carrier Tracking No(s):		COC No: 240-113902-35963.1	
Client Contact: Mr. Bob Ireson		E-Mail: kris.brooks@eurofins.com		State of Origin: OH		Page: 1 of 1	
Company: WSP USA Inc		PWSID		Job #:			
Address: 2 Miranova Place Suite 450		Due Date Requested:		Analysis Requested		Preservation Codes:	
City: Columbus		TAT Requested (days): Standard				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Y - Trizma Z - other (specify)	
State, Zip: OH, 43215		Compliance Project: A Yes A No					
Phone:		PO #: 123-9330910					
Email: bob.ireson@wsp.com		WO #:					
Project Name: Satralloy ISWPP		Project #: 24009044					
Site:		SSOW#:					

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	2540C - Calcd, 3500 - CR, B, SM4500 - H+	2540D - Total Suspended Solids	200.8 - (MOD) Total Cr	Total Number of Containers	Special Instructions/Note:
US-01	11/9/23	1205	G	Water	N	X	X	X	3	
SC-01	11/9/23	1210	G	Water	N	X	X	X	3	
GC-09	11/9/23	1245	G	Water	N	X	X	X	3	
GC-06	11/9/23	1250	G	Water	N	X	X	X	3	
GC-05	11/9/23	1315	G	Water	N	X	X	X	3	
DS-01	11/9/23	1320	G	Water	N	X	X	X	3	
GC-01	11/9/23	1325	G	Water	N	X	X	X	3	
GC-04D	11/9/23	1335	G	Water	N	X	X	X	3	
FD-01	11/9/23	-	G	Water	N	X	X	X	3	
				Water						
				Water						



240-195077 Chain of Custody

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: <i>Kristin Anderson</i>		Received by: <i>John Doe</i>	
Relinquished by: <i>John Doe</i>		Received by: <i>John Doe</i>	
Relinquished by: <i>John Doe</i>		Received by: <i>John Doe</i>	
Custody Seals Intact: A Yes A No		Cooler Temperature(s) °C and Other Remarks:	

Eurofins - Cleveland Sample Receipt Form/Narrative
Barberton Facility

Login # : _____

Client WSP USA

Site Name _____

Cooler unpacked by: _____

Cooler Received on 11/9/23

Opened on 11/9/23

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____

Storage Location _____

Eurofins Cooler # CC Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt _____

☐ See Multiple Cooler Form

IR GUN # 21 (CF 452 °C) Observed Cooler Temp. 14 °C Corrected Cooler Temp. 14.2 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____

Yes No

-Were the seals on the outside of the cooler(s) signed & dated?

Yes No NA

-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?

Yes No

-Were tamper/custody seals intact and uncompromised?

Yes No NA

3. Shippers' packing slip attached to the cooler(s)?

Yes No

4. Did custody papers accompany the sample(s)?

Yes No

5. Were the custody papers relinquished & signed in the appropriate place?

Yes No

6. Was/were the person(s) who collected the samples clearly identified on the COC?

Yes No

7. Did all bottles arrive in good condition (Unbroken)?

Yes No

8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?

Yes No

9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?

Yes No

10. Were correct bottle(s) used for the test(s) indicated?

Yes No

11. Sufficient quantity received to perform indicated analyses?

Yes No

12. Are these work share samples and all listed on the COC?

Yes No

If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt?

Yes No NA pH Strip Lot# HC316719

14. Were VOAs on the COC?

Yes No

15. Were air bubbles >6 mm in any VOA vials? Yes Larger than this.

Yes No NA

16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____

Yes No

17. Was a LL Hg or Me Hg trip blank present? _____

Yes No

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

☐ additional next page

Samples processed by: _____

19. 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)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

Temperature readings: _____

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u>		<u>Preservative</u>	
			<u>pH</u>	<u>Temp</u>	<u>Added (mls)</u>	<u>Lot #</u>
US-01	240-195077-A-1	Plastic 250ml - with Nitric Acid	<2	_____	_____	_____
SC-01	240-195077-A-2	Plastic 250ml - with Nitric Acid	<2	_____	_____	_____
GC-09	240-195077-A-3	Plastic 250ml - with Nitric Acid	<2	_____	_____	_____
GC-06	240-195077-A-4	Plastic 250ml - with Nitric Acid	<2	_____	_____	_____
GC-05	240-195077-A-5	Plastic 250ml - with Nitric Acid	<2	_____	_____	_____
DS-01	240-195077-A-6	Plastic 250ml - with Nitric Acid	<2	_____	_____	_____
GC-01	240-195077-A-7	Plastic 250ml - with Nitric Acid	<2	_____	_____	_____
GC-04D	240-195077-A-8	Plastic 250ml - with Nitric Acid	<2	_____	_____	_____
FD-01	240-195077-A-9	Plastic 250ml - with Nitric Acid	<2	_____	_____	_____