Oregon Department of Environmental Quality
Stormwater Program

Updated 1/6/2022

RECEIVED
DEC 29 2023
BY: MR

Discharge Monitoring Report
1200-Z Permit

National Pollutant Discharge Elimination System Permit
Industrial Stormwater Discharge General Permit

Instructions:

This report must be completed for each quarter and submitted by the 15th of February, May, August and November to the appropriate agent. The report must contain the results of all stormwater monitoring conducted during each quarter, and variance requests are due semi-annually, in February and August. Sample for the pollutants at monitoring location(s) specified in your SWPCP and use the monitoring location(s) number from your SWPCP. You must include the laboratory results, including minimum detection level, Quality Assurance/Quality Control and analytical methods for the parameters analyzed. You must also submit pH field notes and chain of custody.

Facility Information

Legal name: The Standard Steel Companies
DEQ File No: n/a
Common name: Standard Steel
EPA #: ORRZ00020
Facility address: 1745 NE Columbia Blvd
Reporting Quarter: ☐ 1st ☑ 2nd ☐ 3rd ☐ 4th *see table 7
Facility City, Zip: Portland, Oregon 97211
Reporting Year: 2023 to 2024
Geo-Region: Columbia Slough
2nd Geo-Region: Select
Is your receiving water impaired for pH? No

Administered by:
☐ Clean Water Services
☑ City of Portland
☐ City of Eugene

Primary SIC Code: 5051
Secondary SIC Code:

Monitoring Information

umber of discharge point(s): 3
Number of monitoring location(s): 2

If different, you certify that the facility has established either: 1) the area has no exposure of stormwater to industrial activities, or 2) the effluent is substantially similar to effluent(s) monitored and the same BMPs are implemented and maintained. (See permit pg 23)

Monitoring Waiver(s) If yes list date on DEQ or Agent approval letter.

DMR Submittal Checklist Please check all applicable documents are included with you DMR submittal:

☑ Original Signature ☐ Laboratory Reports ☐ Chain of Custody ☐ QA/QC form Lab ☐ pH field sheets

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations (40 CFR 122.22(d)).

Signature: Nancy Fischer
Date: 10/11/2023
Printed Name: NANCY FISCHER
Legally Authorized Representative
Title: CFO
Email: NFISCHER@STANDARDSTEELNW.COM
Telephone : 503-282-9273

Oregon Department of Environmental Quality
Stormwater Program

Updated 1/6/2022

Discharge Monitoring Report
1200-Z Permit

For official use only:
Legal Name:
DEQ File No:

Instructions:
This report must be completed for each quarter and submitted by the 15th of February, May, August and November electronically through Your DEQ Online. The report must contain the results of all stormwater monitoring conducted during each quarter, and variance requests are due semi-annually, in February and August. Sample for the pollutants specified in your monitoring table provided by your DEQ at monitoring point(s) identified in your SWPCP. You must upload the laboratory results, including minimum detection level, Quality Assurance/Quality Control and analytical methods for the parameters analyzed. You must also submit pH field notes and chain of custody.

Columbia Slough

Monitoring Location(s)	Sample Date	pH	Total Copper	Total Lead	Total Zinc	Total Suspended Solids	BOD_5	Total Phosphorus	E. coli	Total Iron
		s.u.	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	organisms/ 100 mL	mg/L
003	10/16/23	6.8	0.00859	0.00167	0.0441	55	4.2	0.0538	167	1.06
003	12/05/23	7.5	0.0222	0.00542	0.106	81	3.9	0.212	14.6	2.63
Geometric Mean			0.0138	0.003	0.068	66.7457864	4	0.107	49	2
001	10/16/23	NS	NS	NS	NS	NS	NS	NS	NS	NS
001	12/05/23	NS	NS	NS	NS	NS	NS	NS	NS	NS
Geometric Mean										
Geometric Mean										
Geometric Mean										
You must select if your receiving water is impaired for pH in the 'General' tab										
Benchmarks		**5.5-9.0**	**0.017**	**0.10**	**0.240**	**30**	**24**	**0.16**	**406**	
303(d) Limits		**OOPS**	**0.017**	**0.017**	**0.042**					**10**

PH METER CALIBRATION AND PH MEASUREMENT RECORDS
Standard Steel, LLC
Portland, Oregon

PH METER CALIBRATION RECORD

The pH meter must be calibrated before the collection of pH measurements in the field.

Calibration Date and Time: 10/16/23 12:30 PM

Calibration Solution 4.01 S.U. 4.3

Calibration Solution 7.00 S.U. 6.7

Calibration Solution 10.01 S.U. 10.0

Calibration Notes:

PH MEASUREMENT RECORD

pH must be measured within 15 minutes of sample collection.

Monitoring Point	pH (S.U.)	Sample Collection Date and Time	pH Measurement Date and Time
Monitoring Point 001			
Monitoring Point 003	6.8	10/16/23 12:55 pm	10/16/23 12:58 pm
Calibrated and Measured By:		Signature:	

PH METER CALIBRATION AND PH MEASUREMENT RECORDS
Standard Steel, LLC
Portland, Oregon

PH METER CALIBRATION RECORD

The pH meter must be calibrated before the collection of pH measurements in the field.

Calibration Date and Time: 12/5/23 9:32 AM
Calibration Solution 4.01 S.U. 4.2
Calibration Solution 7.00 S.U. 6.9
Calibration Solution 10.01 S.U. 10.0

Calibration Notes:

PH MEASUREMENT RECORD

pH must be measured within 15 minutes of sample collection.

Monitoring Point	pH (S.U.)	Sample Collection Date and Time	pH Measurement Date and Time
Monitoring Point 001			
Monitoring Point 003	7.5	12/5/23 9:58 am	12/5/23 16:02 PM
Calibrated and Measured By:		Signature:	

Specialty Analytical

9011 SE Jannsen Rd
Clackamas, OR 97015
TEL: (503) 607-1331
Website: www.specialtyanalytical.com

November 02, 2023

Gage Martin
The Standard Steel Companies
1745 NE Columbia Blvd
Portland, OR 97211
TEL: (971) 276-5578
FAX:

RE: TSSC Order No.: 2310153

Dear Gage Martin:

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Case Narrative

WO#: **2310153**
Date: **11/2/2023**

CLIENT: The Standard Steel Companies
Project: TSSC

Revision 1.

Report revised at client request to add 200.8 results for Iron.

Specialty Analytical

WO#: **2310153**
Date Reported: **11/2/2023**

CLIENT: The Standard Steel Companies
Project: TSSC

Lab ID: 2310153-001 **Matrix:** STORM WATER
Client Sample ID MP-003 **Collection Date:** 10/16/2023 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS- TOTAL RECOVERABLE				**E200.8**	**E200.8**	Analyst: **AC**
Copper	0.00859	0.00100		mg/L	1	10/25/2023 12:48:47 PM
Iron	1.06	0.0500		mg/L	1	10/19/2023 12:45:59 PM
Lead	0.00167	0.000100		mg/L	1	10/19/2023 12:45:59 PM
Zinc	0.0441	0.00200		mg/L	1	10/19/2023 12:45:59 PM
BIOLOGICAL OXYGEN DEMAND- 5				**SM5210B**		Analyst: **PM**
BOD, 5 Day	4.20	2.00		mg/L	1	10/18/2023 12:19:26 PM
COLIFORMS				**SM 9223B**		Analyst: **NK**
E. COLI	167	1.00		MPN/100ml	1	10/16/2023 3:34:00 PM
PHOSPHOROUS, ALL FORMS				**E365.3**		Analyst: **AT**
Phosphorus, Total	0.0538	0.0200		mg/L	1	10/19/2023 1:57:32 PM
TOTAL SUSPENDED SOLIDS				**M2540 D**		Analyst: **JRC**
Total Suspended Solids	55.0	10.0		mg/L	1	10/17/2023 3:30:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies

Project: TSSC **TestCode:** **200.8**

Sample ID: **ICV**	SampType: **ICV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51365**
Client ID: **ICV**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661635**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0499	0.00100	0.0500	0	99.7	90	110				

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51365**
Client ID: **CCB**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661638**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.00100									

Sample ID: **CCV**	SampType: **CCV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51365**
Client ID: **CCV**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661642**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0501	0.00100	0.0500	0	100	90	110				

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51365**
Client ID: **CCB**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661643**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.00100									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies

Project: TSSC **TestCode:** **200.8**

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51365**
Client ID: **CCB**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661643**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **MB-22337**	SampType: **MBLK**	TestCode: **200.8**	Units: **mg/L**	Prep Date: **10/24/2023**	RunNo: **51365**
Client ID: **PBW**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661644**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.00100									

Sample ID: **LCS-22337**	SampType: **LCS**	TestCode: **200.8**	Units: **mg/L**	Prep Date: **10/24/2023**	RunNo: **51365**
Client ID: **LCSW**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0494	0.00100	0.0500	0	98.9	85	115				

Sample ID: **LCSD-22337**	SampType: **LCSD**	TestCode: **200.8**	Units: **mg/L**	Prep Date: **10/24/2023**	RunNo: **51365**
Client ID: **LCSS02**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0482	0.00100	0.0500	0	96.3	85	115	0.0494	2.60	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies

Project: TSSC **TestCode:** **200.8**

Sample ID: **CCV**	SampType: **CCV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51365**
Client ID: **CCV**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661653**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0498	0.00100	0.0500	0	99.6	90	110				

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51365**
Client ID: **CCB**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661654**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.00100									

Sample ID: **CCV**	SampType: **CCV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51365**
Client ID: **CCV**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661660**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0502	0.00100	0.0500	0	100	90	110				

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51365**
Client ID: **CCB**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661661**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.00100									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies

Project: TSSC **TestCode:** **200.8**

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51365**
Client ID: **CCB**	Batch ID: **22337**	TestNo: **E200.8**	**E200.8**	Analysis Date: **10/25/2023**	SeqNo: **661661**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies
Project: TSSC **TestCode:** **BOD_CWA**

Sample ID: **MB-R51335**	SampType: **MBLK**	TestCode: **BOD_CWA**	Units: **mg/L**	Prep Date:	RunNo: **51335**
Client ID: **PBW**	Batch ID: **R51335**	TestNo: **SM5210B**		Analysis Date: **10/18/2023**	SeqNo: **661218**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
BOD, 5 Day	ND	2.00									

Sample ID: **LCS-R51335**	SampType: **LCS**	TestCode: **BOD_CWA**	Units: **mg/L**	Prep Date:	RunNo: **51335**
Client ID: **LCSW**	Batch ID: **R51335**	TestNo: **SM5210B**		Analysis Date: **10/18/2023**	SeqNo: **661219**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
BOD, 5 Day	187.8	2.00	198.0	0	94.8	84	116				

Sample ID: **2310167-001ADUP**	SampType: **DUP**	TestCode: **BOD_CWA**	Units: **mg/L**	Prep Date:	RunNo: **51335**
Client ID: **BatchQC**	Batch ID: **R51335**	TestNo: **SM5210B**		Analysis Date: **10/18/2023**	SeqNo: **661221**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
BOD, 5 Day	78.50	2.00						79.50	1.27	20	

Sample ID: **2310187-001ADUP**	SampType: **DUP**	TestCode: **BOD_CWA**	Units: **mg/L**	Prep Date:	RunNo: **51335**
Client ID: **BatchQC**	Batch ID: **R51335**	TestNo: **SM5210B**		Analysis Date: **10/18/2023**	SeqNo: **661234**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
BOD, 5 Day	255.1	2.00						231.3	9.79	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies

Project: TSSC **TestCode:** **BOD_CWA**

Sample ID: **2310187-001ADUP**	SampType: **DUP**	TestCode: **BOD_CWA**	Units: **mg/L**	Prep Date:	RunNo: **51335**
Client ID: **BatchQC**	Batch ID: **R51335**	TestNo: **SM5210B**		Analysis Date: **10/18/2023**	SeqNo: **661234**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	R	RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies

Project: TSSC

TestCode: **COLIF**

Sample ID: **MB-R51275**	SampType: **MBLK**	TestCode: **COLIF**	Units: **MPN/100ml**	Prep Date:	RunNo: **51275**
Client ID: **PBW**	Batch ID: **R51275**	TestNo: **SM 9223B**		Analysis Date: **10/16/2023**	SeqNo: **660469**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
E. COLI	ND	1.00									

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies
Project: TSSC

TestCode: **P-TOTAL**

Sample ID: **MB-R51297**	SampType: **MBLK**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51297**
Client ID: **PBW**	Batch ID: **R51297**	TestNo: **E365.3**		Analysis Date: **10/19/2023**	SeqNo: **660700**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	ND	0.0200									

Sample ID: **LCS-R51297**	SampType: **LCS**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51297**
Client ID: **LCSW**	Batch ID: **R51297**	TestNo: **E365.3**		Analysis Date: **10/19/2023**	SeqNo: **660701**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	0.974	0.0200	1.000	0	97.4	90	110				

Sample ID: **2310150-001CMS**	SampType: **MS**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51297**
Client ID: **BatchQC**	Batch ID: **R51297**	TestNo: **E365.3**		Analysis Date: **10/19/2023**	SeqNo: **660704**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	0.496	0.0200	0.5000	0.04846	89.6	80	120				

Sample ID: **2310150-001CMSD**	SampType: **MSD**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51297**
Client ID: **BatchQC**	Batch ID: **R51297**	TestNo: **E365.3**		Analysis Date: **10/19/2023**	SeqNo: **660705**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	0.534	0.0200	0.5000	0.04846	97.0	80	120	0.4963	7.25	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies

Project: TSSC

TestCode: **P-TOTAL**

Sample ID: **2310150-001CMSD**	SampType: **MSD**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51297**
Client ID: **BatchQC**	Batch ID: **R51297**	TestNo: **E365.3**		Analysis Date: **10/19/2023**	SeqNo: **660705**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **CCV1-R51297**	SampType: **CCV**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51297**
Client ID: **CCV**	Batch ID: **R51297**	TestNo: **E365.3**		Analysis Date: **10/19/2023**	SeqNo: **660710**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	0.978	0.0200	1.000	0	97.8	90	110				

Sample ID: **CCB1-R51297**	SampType: **CCB**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51297**
Client ID: **CCB**	Batch ID: **R51297**	TestNo: **E365.3**		Analysis Date: **10/19/2023**	SeqNo: **660711**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	ND	0.0200									

Sample ID: **CCV2-R51297**	SampType: **CCV**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51297**
Client ID: **CCV**	Batch ID: **R51297**	TestNo: **E365.3**		Analysis Date: **10/19/2023**	SeqNo: **660715**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	0.980	0.0200	1.000	0	98.0	90	110				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies
Project: TSSC

TestCode: **P-TOTAL**

Sample ID: **CCB2-R51297**	SampType: **CCB**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51297**
Client ID: **CCB**	Batch ID: **R51297**	TestNo: **E365.3**		Analysis Date: **10/19/2023**	SeqNo: **660716**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	ND	0.0200									

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies
Project: TSSC

TestCode: **TSS_WW**

Sample ID: **MB-R51287**	SampType: **MBLK**	TestCode: **TSS_WW**	Units: **mg/L**	Prep Date:	RunNo: **51287**
Client ID: **PBW**	Batch ID: **R51287**	TestNo: **M2540 D**		Analysis Date: **10/17/2023**	SeqNo: **660560**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids	ND	10.0									

Sample ID: **LCS-R51287**	SampType: **LCS**	TestCode: **TSS_WW**	Units: **mg/L**	Prep Date:	RunNo: **51287**
Client ID: **LCSW**	Batch ID: **R51287**	TestNo: **M2540 D**		Analysis Date: **10/17/2023**	SeqNo: **660561**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids	101	10.0	100.0	0	101	80	120				

Sample ID: **2310144-001ADUP**	SampType: **DUP**	TestCode: **TSS_WW**	Units: **mg/L**	Prep Date:	RunNo: **51287**
Client ID: **BatchQC**	Batch ID: **R51287**	TestNo: **M2540 D**		Analysis Date: **10/17/2023**	SeqNo: **660563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids	ND	10.0						0	0	20	RRF

Sample ID: **2310152-003DUP**	SampType: **DUP**	TestCode: **TSS_WW**	Units: **mg/L**	Prep Date:	RunNo: **51287**
Client ID: **BatchQC**	Batch ID: **R51287**	TestNo: **M2540 D**		Analysis Date: **10/17/2023**	SeqNo: **660577**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids	24.0	10.0						23.50	2.11	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2310153**

11/2/2023

Client: The Standard Steel Companies

Project: TSSC **TestCode:** **TSS_WW**

Sample ID: **2310152-003DUP**	SampType: **DUP**	TestCode: **TSS_WW**	Units: **mg/L**	Prep Date:	RunNo: **51287**
Client ID: **BatchQC**	Batch ID: **R51287**	TestNo: **M2540 D**		Analysis Date: **10/17/2023**	SeqNo: **660577**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Chain of Custody Record

Date: 10/16/23 Page: 1 of: 1
Project Name: TSSC
Project No: PO No:
Collected by: Gage MARTIN
State Collected: (OR) WA OTHER
Report To (PM): Gage MARTIN

Laboratory Project No (internal): 2310153
Temperature on Receipt: 2.3 °C
Cooling: Ice Shipped Via: client
Custody Seal: Y / (N) Intact / Broken Cooler / Bottle
MDL TIER IV EDD
Sample Disposal: ☐ Return to client (✓) Disposal by lab (after 60 days)

Client: TSSC
Address: 1745 N.E Columbia BLVD
City, State, Zip: Portland OR 97211
Telephone: 971-276-5578
AP Email: GMartin@standardsteelNW.com
PM Email: GMARTIN@standardsteel.NW.com

	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests: total Copper	total Lead	TOTAL Zinc	TSS	BOD5	total Phosphorus	E. Coli	total IRON					Comments
1	MP-003	10/16/23	1255	SW	4	✓	✓	✓	✓	✓	✓	✓	✓					
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A=Air, AQ=Aqueous, L=Liquid, O=Oil, P=Product, S=Soil, SD=Sediment, SL=Solid, W=Water, DW=Drinking Water, GW=Ground Water, SW=Storm Water, WW=Waste Water, M=Miscellaneous

Turn-around Time: Standard : ✓ 3 Day: _____ 2 Day: _____ Next Day: _____ Same Day: _____
Expedited turn-around requests should be coordinated in advance

Relinquished	Date/Time	Received	Date/Time
x Gage Mart	10/16/23 1:25	x	10/16/23 1:25
x	10/16/23 1426	x	10/16/23 1426
x		x	

MONTHLY STORMWATER VISUAL OBSERVATIONS OF DISCHARGE, SITE INSPECTION AND MAINTENANCE REPORT
STANDARD STELL, LLC
PORTLAND, OREGON

MONTHLY VISUAL OBSERVATIONS OF STORMWATER DISCHARGE DATE AND TIME: October 31, 2023 6:00 Am

Visual observations of stormwater collected from the monitoring points (see Figure 2) into a clean, colorless glass or plastic container in a well-lit area, when discharge is occurring during regular business hours, for the presence of floating and suspended solids, foam, visible oil sheen, odor, color, and other obvious indicators of pollution.

Discharge Point/Monitoring Point	(Yes/No)	Rain/ Snowmelt	Additional Information (e.g., Detailed Description, Source, Corrective Action, and Implementation Date)
Are there floating and suspended solids, foam, oil sheen, color, odor or other obvious indicators of pollution in stormwater discharging from **Monitoring Point 001**?	No	No	
Are there floating and suspended solids, foam, oil sheen, color, odor or other obvious indicators of pollution in stormwater discharging from **Monitoring Point 003**?	no	no	

MONTHLY SITE INSPECTION DATE AND TIME: Oct 31 6Am **Weather:** dry

Monthly inspections of the drainage areas and stormwater system are conducted to evaluate the condition of site controls. Inspections focus on:
- *Visual inspection of the facility stormwater system and identification of sources of pollutants to which stormwater is exposed.*
- *Industrial materials, residue, or waste that may have or could come into contact with stormwater.*
- *Leaks or spills from equipment and tanks/drums.*
- *Off-site and internal tracking of waste materials or sediment where vehicles enter or exit the site.*
- *Tracking or blowing of raw or final or waste materials that may have or could come into contact with stormwater.*
- *Evidence of, or the potential for, pollutants entering the drainage system or receiving waters.*
- *Evaluation of the condition of site control measures and the need for maintenance and/or repairs.*

Inspection Item	(Yes/No)	Additional Information (e.g., Detailed Description, Source, Corrective Action, and Implementation Date)
Is sediment/solid accumulation visible on paved surfaces and in need of sweeping?	no	
Are waste dumpster lids closed or undercover?	yes	
Are there visible discharges, leaks, or spills of petroleum products?	no	
Are the spill kit properly stocked and in their designated location?	yes	
Is there evidence of unauthorized nonstormwater discharges to stormwater system?	no	
Is there visible tracking of dust, waste, sediment, or raw materials where vehicles enter or exit the site?	no	
Do catch basins show significant accumulation of sediment, debris, or oil sheen indicating the need for cleaning?	no	
Does the infiltration swale or trench vegetation require pruning, removal, and/or replacement?	yes	
Is there evidence of rodent, vehicle damage, or erosion in the infiltration swales or trench?	no	
Have significant amounts of trash, debris, or sediment accumulated in the infiltration swales or trench and requires removal?	no	

MAINTENANCE TASKS AND/OR CORRECTIVE ACTIONS IMPLEMENTED THIS MONTH

Inspected By: Gage MARTIN

Signature: Gage Martin

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

State of Oregon Department of Environmental Quality

Industrial Stormwater Permits

Tier 1 Report Form

Instructions: Fill out this form if stormwater sampling results show an exceedance of any statewide benchmark(s) or sector specific benchmark(s) identified in the permit assignment letter. If you need additional space to answer the questions below, please attach additional sheet(s). The form must be filled out within 30 days of receiving analytical results. If no changes to the SWPCP are required or for benchmark exceedances, please retain this form onsite.

Date Form Prepared: October 31, 2023

Facility Name: The Standard Steel Co

File Number #: NGEN12Z-ORRZ00020

County: Multnomah

SIC Code(s): 5051

Prepared By: Gage Martin

Phone Number: 971-276-5578

Email Address: gmartin@standardsteelnw.com

Form is being filled out in response to:

☐ Statewide Benchmark Exceedance (list pollutants and benchmark concentrations):

☒ Sector Specific Benchmark Exceedance (list pollutants and benchmark concentrations):

Date Sampling Occurred: october 16,2023

Date Lab Results Received: oct 25, 2023

Describe the result(s) of the investigation of the elevated pollutant levels:

TSS result =55.0

Describe the corrective action(s) you will take to address the benchmark exceedence(s):

Screen will be purchased to install on top of the site and will be routinely checked and any debris eliminated

Date corrective action(s) completed or expected to be completed: 11/1/2023

Are SWPCP revisions necessary? ☐ Yes ☒ No
If "Yes", please describe revisions below:

As part of Tier 1 corrective action, did you complete industrial-specific checklists? ☐ Yes ☒ No

Please submit a revised SWPCP to DEQ or agent, including a schedule for implementing the control measures if required..

none needed.

Specialty Analytical

9011 SE Jannsen Rd
Clackamas, OR 97015
TEL: (503) 607-1331
Website: www.specialtyanalytical.com

December 14, 2023

Gage Martin
The Standard Steel Companies
1745 NE Columbia Blvd
Portland, OR 97211
TEL: (971) 276-5578
FAX:

RE: TSSC Order No.: 2312049

Dear Gage Martin:

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Specialty Analytical

WO#: **2312049**
Date Reported: **12/14/2023**

CLIENT: The Standard Steel Companies
Project: TSSC

Lab ID: 2312049-001 **Matrix:** STORM WATER
Client Sample ID MP-003 **Collection Date:** 12/5/2023 10:11:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS- TOTAL RECOVERABLE				**E200.8**	**E200.8**	Analyst: **AC**
Copper	0.0222	0.000500		mg/L	1	12/13/2023 3:50:15 PM
Iron	2.63	0.0500		mg/L	1	12/13/2023 3:50:15 PM
Lead	0.00542	0.000100		mg/L	1	12/13/2023 3:50:15 PM
Zinc	0.106	0.00200		mg/L	1	12/13/2023 3:50:15 PM
BIOLOGICAL OXYGEN DEMAND- 5				**SM5210B**		Analyst: **NK**
BOD, 5 Day	3.90	2.00		mg/L	1	12/6/2023 3:36:35 PM
COLIFORMS				**SM 9223B**		Analyst: **AT**
E. COLI	14.6	1.00		MPN/100ml	1	12/5/2023 1:26:59 PM
PHOSPHOROUS, ALL FORMS				**E365.3**		Analyst: **AT**
Phosphorus, Total	0.212	0.0200		mg/L	1	12/5/2023 4:26:30 PM
TOTAL SUSPENDED SOLIDS				**M2540 D**		Analyst: **AT**
Total Suspended Solids	81.0	10.0		mg/L	1	12/6/2023 11:30:19 AM
FIELD PARAMETERS				**FLD**		Analyst: **Clien**
pH, SM4500H+ B	7.5			S.U.		12/5/2023 9:58:00 AM

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC **TestCode:** **200.8**

Sample ID: **ICV**	SampType: **ICV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **ICV**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670173**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0494	0.000500	0.0500	0	98.7	90	110				
Iron	4.79	0.0500	5.00	0	95.7	90	110				
Lead	0.0481	0.000100	0.0500	0	96.3	90	110				
Zinc	0.0497	0.00200	0.0500	0	99.4	90	110				

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCB**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670176**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.000500									
Iron	ND	0.0500									
Lead	ND	0.000100									
Zinc	ND	0.00200									

Sample ID: **CCV**	SampType: **CCV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCV**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670180**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0507	0.000500	0.0500	0	101	90	110				
Iron	5.02	0.0500	5.00	0	100	90	110				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC **TestCode:** **200.8**

Sample ID: **CCV**	SampType: **CCV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCV**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670180**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0487	0.000100	0.0500	0	97.4	90	110				
Zinc	0.0505	0.00200	0.0500	0	101	90	110				

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCB**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670181**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.000500									
Iron	ND	0.0500									
Lead	ND	0.000100									
Zinc	ND	0.00200									

Sample ID: **MB-22609**	SampType: **MBLK**	TestCode: **200.8**	Units: **mg/L**	Prep Date: **12/7/2023**	RunNo: **51977**
Client ID: **PBW**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670184**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.000500									
Iron	ND	0.0500									
Lead	ND	0.000100									
Zinc	ND	0.00200									

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies

Project: TSSC **TestCode:** **200.8**

Sample ID: **MB-22609**	SampType: **MBLK**	TestCode: **200.8**	Units: **mg/L**	Prep Date: **12/7/2023**	RunNo: **51977**
Client ID: **PBW**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670184**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **LCS-22609**	SampType: **LCS**	TestCode: **200.8**	Units: **mg/L**	Prep Date: **12/7/2023**	RunNo: **51977**
Client ID: **LCSW**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670185**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0488	0.000500	0.0500	0	97.6	85	115				
Iron	4.63	0.0500	5.00	0	92.6	85	115				
Lead	0.0479	0.000100	0.0500	0	95.9	85	115				
Zinc	0.0488	0.00200	0.0500	0	97.7	85	115				

Sample ID: **2312102-001ADUP**	SampType: **DUP**	TestCode: **200.8**	Units: **mg/L**	Prep Date: **12/7/2023**	RunNo: **51977**
Client ID: **BatchQC**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670187**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.00557	0.000500						0.00562	0.839	20	
Iron	1.54	0.0500						1.60	3.86	20	
Lead	0.000745	0.000100						0.000750	0.628	20	
Zinc	0.0391	0.00200						0.0389	0.339	20	

Qualifiers:

E Value above quantitation range

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC **TestCode:** **200.8**

Sample ID: **2312102-001AMS**	SampType: **MS**	TestCode: **200.8**	Units: **mg/L**	Prep Date: **12/7/2023**	RunNo: **51977**
Client ID: **BatchQC**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670188**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0537	0.000500	0.0500	0.00562	96.2	70	130				
Iron	6.26	0.0500	5.00	1.60	93.2	70	130				
Lead	0.0503	0.000100	0.0500	0.000750	99.1	70	130				
Zinc	0.0865	0.00200	0.0500	0.0389	95.2	70	130				

Sample ID: **2312102-001AMSD**	SampType: **MSD**	TestCode: **200.8**	Units: **mg/L**	Prep Date: **12/7/2023**	RunNo: **51977**
Client ID: **BatchQC**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670189**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0527	0.000500	0.0500	0.00562	94.2	70	130	0.0537	1.83	20	
Iron	6.36	0.0500	5.00	1.60	95.2	70	130	6.26	1.59	20	
Lead	0.0495	0.000100	0.0500	0.000750	97.6	70	130	0.0503	1.59	20	
Zinc	0.0860	0.00200	0.0500	0.0389	94.2	70	130	0.0865	0.604	20	

Sample ID: **CCV**	SampType: **CCV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCV**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670190**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0501	0.000500	0.0500	0	100	90	110				
Iron	4.80	0.0500	5.00	0	96.1	90	110				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC **TestCode:** **200.8**

Sample ID: **CCV**	SampType: **CCV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCV**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670190**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0483	0.000100	0.0500	0	96.7	90	110				
Zinc	0.0497	0.00200	0.0500	0	99.4	90	110				

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCB**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/12/2023**	SeqNo: **670191**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.000500									
Iron	ND	0.0500									
Lead	ND	0.000100									
Zinc	ND	0.00200									

Sample ID: **ICV**	SampType: **ICV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **ICV**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/13/2023**	SeqNo: **670573**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0491	0.000500	0.0500	0	98.3	90	110				
Iron	4.90	0.0500	5.00	0	98.0	90	110				
Lead	0.0543	0.000100	0.0500	0	109	90	110				
Zinc	0.0500	0.00200	0.0500	0	100	90	110				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC

TestCode: **200.8**

Sample ID: **ICV**	SampType: **ICV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **ICV**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/13/2023**	SeqNo: **670573**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCB**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/13/2023**	SeqNo: **670577**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.000500									
Iron	ND	0.0500									
Lead	ND	0.000100									
Zinc	ND	0.00200									

Sample ID: **CCV**	SampType: **CCV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCV**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/13/2023**	SeqNo: **670585**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0506	0.000500	0.0500	0	101	90	110				
Iron	5.00	0.0500	5.00	0	100	90	110				
Lead	0.0468	0.000100	0.0500	0	93.6	90	110				
Zinc	0.0509	0.00200	0.0500	0	102	90	110				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies

Project: TSSC

TestCode: **200.8**

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCB**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/13/2023**	SeqNo: **670587**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.000500									
Iron	ND	0.0500									
Lead	ND	0.000100									
Zinc	ND	0.00200									

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCB**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/13/2023**	SeqNo: **670601**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.000500									
Iron	ND	0.0500									
Lead	ND	0.000100									
Zinc	ND	0.00200									

Sample ID: **CCV**	SampType: **CCV**	TestCode: **200.8**	Units: **mg/L**	Prep Date:	RunNo: **51977**
Client ID: **CCV**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/13/2023**	SeqNo: **670611**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0505	0.000500	0.0500	0	101	90	110				
Iron	4.72	0.0500	5.00	0	94.4	90	110				

Qualifiers:

E Value above quantitation range

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies

Project: TSSC

TestCode: **200.8**

Sample ID: **CCV** SampType: **CCV** TestCode: **200.8** Units: **mg/L** Prep Date: RunNo: **51977**

Client ID: **CCV** Batch ID: **22609** TestNo: **E200.8** **E200.8** Analysis Date: **12/13/2023** SeqNo: **670611**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0464	0.000100	0.0500	0	92.7	90	110				
Zinc	0.0502	0.00200	0.0500	0	100	90	110				

Sample ID: **CCB** SampType: **CCB** TestCode: **200.8** Units: **mg/L** Prep Date: RunNo: **51977**

Client ID: **CCB** Batch ID: **22609** TestNo: **E200.8** **E200.8** Analysis Date: **12/13/2023** SeqNo: **670612**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.000500									
Iron	ND	0.0500									
Lead	ND	0.000100									
Zinc	ND	0.00200									

Sample ID: **CCB** SampType: **CCB** TestCode: **200.8** Units: **mg/L** Prep Date: RunNo: **51977**

Client ID: **CCB** Batch ID: **22609** TestNo: **E200.8** **E200.8** Analysis Date: **12/13/2023** SeqNo: **670613**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.000500									
Iron	ND	0.0500									
Lead	ND	0.000100									
Zinc	ND	0.00200									

Qualifiers:

E Value above quantitation range

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies

Project: TSSC

TestCode: **200.8**

Sample ID: **CCB**	SampType: **CCB**	TestCode: **200.8**	Units: **mg/L**	Prep Date:				RunNo: **51977**			
Client ID: **CCB**	Batch ID: **22609**	TestNo: **E200.8**	**E200.8**	Analysis Date: **12/13/2023**				SeqNo: **670613**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

E Value above quantitation range

S Spike Recovery outside accepted recovery limits

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC

TestCode: **BOD_CWA**

Sample ID: **MB-R51966**	SampType: **MBLK**	TestCode: **BOD_CWA**	Units: **mg/L**	Prep Date:	RunNo: **51966**
Client ID: **PBW**	Batch ID: **R51966**	TestNo: **SM5210B**		Analysis Date: **12/6/2023**	SeqNo: **669966**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
BOD, 5 Day	ND	2.00									

Sample ID: **LCS-R51966**	SampType: **LCS**	TestCode: **BOD_CWA**	Units: **mg/L**	Prep Date:	RunNo: **51966**
Client ID: **LCSW**	Batch ID: **R51966**	TestNo: **SM5210B**		Analysis Date: **12/6/2023**	SeqNo: **669967**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
BOD, 5 Day	183.3	2.00	198.0	0	92.6	84	116				

Sample ID: **2312056-001ADUP**	SampType: **DUP**	TestCode: **BOD_CWA**	Units: **mg/L**	Prep Date:	RunNo: **51966**
Client ID: **BatchQC**	Batch ID: **R51966**	TestNo: **SM5210B**		Analysis Date: **12/6/2023**	SeqNo: **669971**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
BOD, 5 Day	7.60	2.00						8.30	8.81	20	

Sample ID: **2312061-001ADUP**	SampType: **DUP**	TestCode: **BOD_CWA**	Units: **mg/L**	Prep Date:	RunNo: **51966**
Client ID: **BatchQC**	Batch ID: **R51966**	TestNo: **SM5210B**		Analysis Date: **12/6/2023**	SeqNo: **669975**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
BOD, 5 Day	151.1	2.00						151.1	0	20	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC

TestCode: **BOD_CWA**

Sample ID: **2312061-001ADUP**	SampType: **DUP**	TestCode: **BOD_CWA**	Units: **mg/L**	Prep Date:					RunNo: **51966**			
Client ID: **BatchQC**	Batch ID: **R51966**	TestNo: **SM5210B**		Analysis Date: **12/6/2023**					SeqNo: **669975**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC

TestCode: **COLIF**

Sample ID: **MB-R51901**	SampType: **MBLK**	TestCode: **COLIF**	Units: **MPN/100ml**	Prep Date:	RunNo: **51901**
Client ID: **PBW**	Batch ID: **R51901**	TestNo: **SM 9223B**		Analysis Date: **12/5/2023**	SeqNo: **669038**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
E. COLI	ND	1.00									

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC

TestCode: **P-TOTAL**

Sample ID: **MB-R51895**	SampType: **MBLK**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51895**
Client ID: **PBW**	Batch ID: **R51895**	TestNo: **E365.3**		Analysis Date: **12/5/2023**	SeqNo: **668969**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	ND	0.0200									

Sample ID: **LCS-R51895**	SampType: **LCS**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51895**
Client ID: **LCSW**	Batch ID: **R51895**	TestNo: **E365.3**		Analysis Date: **12/5/2023**	SeqNo: **668970**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	1.08	0.0200	1.000	0	108	90	110				

Sample ID: **2312020-001DMS**	SampType: **MS**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51895**
Client ID: **BatchQC**	Batch ID: **R51895**	TestNo: **E365.3**		Analysis Date: **12/5/2023**	SeqNo: **668973**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	0.727	0.0200	0.5000	0.2670	92.0	80	120				

Sample ID: **2312020-001DMSD**	SampType: **MSD**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51895**
Client ID: **BatchQC**	Batch ID: **R51895**	TestNo: **E365.3**		Analysis Date: **12/5/2023**	SeqNo: **668974**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	0.820	0.0200	0.5000	0.2670	111	80	120	0.7273	11.9	20	

Qualifiers:

E Value above quantitation range
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies

Project: TSSC

TestCode: **P-TOTAL**

Sample ID: **2312020-001DMSD**	SampType: **MSD**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51895**
Client ID: **BatchQC**	Batch ID: **R51895**	TestNo: **E365.3**		Analysis Date: **12/5/2023**	SeqNo: **668974**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **CCV-R51895**	SampType: **CCV**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51895**
Client ID: **CCV**	Batch ID: **R51895**	TestNo: **E365.3**		Analysis Date: **12/5/2023**	SeqNo: **668977**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	1.07	0.0200	1.000	0	107	90	110				

Sample ID: **CCB-R51895**	SampType: **CCB**	TestCode: **P-TOTAL**	Units: **mg/L**	Prep Date:	RunNo: **51895**
Client ID: **CCB**	Batch ID: **R51895**	TestNo: **E365.3**		Analysis Date: **12/5/2023**	SeqNo: **668978**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phosphorus, Total	ND	0.0200									

Qualifiers:

E Value above quantitation range

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC

TestCode: **TSS_WW**

Sample ID: **MB-R51917**	SampType: **MBLK**	TestCode: **TSS_WW**	Units: **mg/L**	Prep Date:	RunNo: **51917**
Client ID: **PBW**	Batch ID: **R51917**	TestNo: **M2540 D**		Analysis Date: **12/6/2023**	SeqNo: **669276**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids	ND	10.0									

Sample ID: **LCS-R51917**	SampType: **LCS**	TestCode: **TSS_WW**	Units: **mg/L**	Prep Date:	RunNo: **51917**
Client ID: **LCSW**	Batch ID: **R51917**	TestNo: **M2540 D**		Analysis Date: **12/6/2023**	SeqNo: **669277**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids	96.0	10.0	100.0	0	96.0	80	120				

Sample ID: **2312047-004ADUP**	SampType: **DUP**	TestCode: **TSS_WW**	Units: **mg/L**	Prep Date:	RunNo: **51917**
Client ID: **BatchQC**	Batch ID: **R51917**	TestNo: **M2540 D**		Analysis Date: **12/6/2023**	SeqNo: **669281**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids	ND	10.0						0	0	20	

Sample ID: **2312021-001BDUP**	SampType: **DUP**	TestCode: **TSS_WW**	Units: **mg/L**	Prep Date:	RunNo: **51917**
Client ID: **BatchQC**	Batch ID: **R51917**	TestNo: **M2540 D**		Analysis Date: **12/6/2023**	SeqNo: **669282**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids	40.0	10.0						47.00	16.1	20	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2312049**

12/14/2023

Client: The Standard Steel Companies
Project: TSSC

TestCode: **TSS_WW**

Sample ID: **2312021-001BDUP**	SampType: **DUP**	TestCode: **TSS_WW**	Units: **mg/L**	Prep Date:				RunNo: **51917**				
Client ID: **BatchQC**	Batch ID: **R51917**	TestNo: **M2540 D**		Analysis Date: **12/6/2023**				SeqNo: **669282**				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Qualifiers:

E Value above quantitation range
S Spike Recovery outside accepted recovery limits
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Sample Receipt Checklist

Client Name TSSC Work Order Number 2312049

RcptNo: 1 Date and Time Received 12/5/2023 11:06:02 AM Received by: Polly Miller

Completed by Reviewed by:

Completed Date: 12/5/2023 11:06:31 AM Reviewed Date: 12/5/2023 11:18:00 AM

Carrier name: Client

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	Not Present ☐
Are matrices correctly identified on Chain of custody?	Yes ☑	No ☐	
Is it clear what analyses were requested?	Yes ☑	No ☐	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Samples in proper container/bottle?	Yes ☑	No ☐	
Were correct preservatives used and noted?	Yes ☑	No ☐	NA ☐
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
Were container lables complete (ID, Pres, Date)?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
All samples received at a temp. of > 0° C to 6.0° C?	Yes ☑	No ☐	NA ☐
Response when temperature is outside of range:			
Preservative added to bottles:			
Sample Temp. taken and recorded upon receipt?	Yes ☑	No ☐	To 4.3 °C
Water - Were bubbles absent in VOC vials?	Yes ☐	No ☐	No Vials ☑
Water - Was there Chlorine Present?	Yes ☐	No ☐	NA ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐
Are Samples considered acceptable?	Yes ☑	No ☐	
Custody Seals present?	Yes ☐	No ☑	
Traffic Report or Packing Lists present?	Yes ☐	No ☑	
Airbill or Sticker?	Air Bill ☐	Sticker ☐	Not Present ☑
Airbill No:			
Sample Tags Present?	Yes ☐	No ☑	
Sample Tags Listed on COC?	Yes ☐	No ☑	
Tag Numbers:			
Sample Condition?	Intact ☑	Broken ☐	Leaking ☐

Case Number: SDG: SAS:

Cooler Information

Equipment Information

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Sample Receipt Checklist

Client Name TSSC Work Order Number 2312049

Client Contacted? ☐ Yes ☑ No ☐ NA Person Contacted: Comments:

Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:

Client Instructions:

Date Contacted: Contacted By:

Regarding:

CorrectiveAction:

Sample Details

SampID	ClientSampID	ContainerID	Type	Org pH	Temp.	RcptNo	Cooler No	Comments
2312049-001A	MP-003	Container-01 of 01	Bottle					
2312049-001B	MP-003	Container-01 of 01	Bottle					
2312049-001C	MP-003	Container-01 of 01	Bottle					
2312049-001D	MP-003	Container-01 of 01	Bottle					

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Chain of Custody Record

Date: 12/5/23 | Page: 1 of: 1

Project Name: TSSC

Project No: PO No:

Collected by: Gage MARTIN

State Collected: (OR) WA OTHER

Report To (PM): Gage Martin

PM Email: GMartin@standardsteel NW.com

Laboratory Project No (internal): 232049

Temperature on Receipt: 4.3 °C

Cooling: Ice Shipped Via: Client

Custody Seal: (Y) / N Intact / Broken Cooler / Bottle

MDL TIER IV EDD

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 60 days)

Client: TSSC

Address: 1745 NE Columbia BLVD

City, State, Zip: Portland OR 97211

Telephone: 971-276-5578

AP Email: GMartin@standardsteel NW.com

Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests: total Copper	total Lead	total Zinc	TSS	BOD 5	total Phosphorus	E. Coli	total Iron	Comments
1 MP-003	12/5/23	10:11AM	SW	4	✓	✓	✓	✓	✓	✓	✓	✓	
2													
3													
4													
5													
6													
7													
8													
9													
10													

*Matrix: A = Air, AQ = Aqueous, L=Liquid, O = Oil, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water, M = Miscellaneous

Turn-around Time: Standard : _____ 3 Day: _____ 2 Day: _____ Next Day: _____ Same Day: _____

Expedited turn-around requests should be coordinated in advance

Relinquished	Date/Time	Received	Date/Time
x Gage Martin	12/5/23 10:22 Am	x Aaron McCormick	12/05/23 10:22 am
x Aaron McCormick	12/5/23 11:03 am	x Pall Ex	12/5/23 11:03 Am
x		x	