

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

LAB CHRONICLE

OrderID:	Q1381	OrderDate:	2/18/2025 10:49:00 AM
Client:	RSB Environmental	Project:	EBR Motors
Contact:	Efrain Trejo	Location:	H31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1381-01	OUTFALL-001	WATER	TSS	SM2540 D	02/11/25 10:30		02/18/25 12:30	02/18/25
Q1381-02	OUTFALL-002	WATER	TSS	SM2540 D	02/11/25 10:30		02/18/25 12:30	02/18/25



SAMPLE DATA

Report of Analysis

Client:	RSB Environmental	Date Collected:	02/11/25 10:30
Project:	EBR Motors	Date Received:	02/18/25
Client Sample ID:	OUTFALL-001	SDG No.:	Q1381
Lab Sample ID:	Q1381-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	51.2		1	1.00	4.00	mg/L		02/18/25 12:30	SM 2540 D-15

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	RSB Environmental	Date Collected:	02/11/25 10:30
Project:	EBR Motors	Date Received:	02/18/25
Client Sample ID:	OUTFALL-002	SDG No.:	Q1381
Lab Sample ID:	Q1381-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	505		1	1.00	4.00	mg/L		02/18/25 12:30	SM 2540 D-15

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



QC RESULT SUMMARY

Preparation Blank Summary

Client: RSB Environmental

SDG No.: Q1381

Project: EBR Motors

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB134805BL						
TSS	mg/L	1	2.0000	J	1	4	02/18/2025

Laboratory Control Sample Summary

Client: RSB Environmental

SDG No.: Q1381

Project: EBR Motors

Run No.: LB134805

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134805BS							
TSS	mg/L	550	532		97	1	90-110	02/18/2025



RAW DATA

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 02/21/2025

Run Number: LB134784

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 02/21/2025 08:00 TEMP1 OUT: 103 °C 02/21/2025 09:00
 TEMP2 IN: 104 °C 02/21/2025 09:30 TEMP2 OUT: 103 °C 02/21/2025 10:30
 TEMP3 IN: 104 °C 02/21/2025 13:30 TEMP3 OUT: 103 °C 02/21/2025 15:00
 TEMP4 IN: 104 °C 02/21/2025 15:30 TEMP4 OUT: 104 °C 02/21/2025 17:05

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L
1	LB134784BL	LB134784BL	1.3563	1.3563	100	1.3564	1.3564	1.3564	0.0001	1
2	LB134784BS	LB134784BS	1.4743	1.4743	100	1.5275	1.5275	1.5275	0.0532	532
3	Q1381-01	OUTFALL-001	1.4900	1.4900	600	1.5207	1.5207	1.5207	0.0307	51.2
4	Q1381-02	OUTFALL-002	1.4820	1.4820	500	1.7344	1.7344	1.7344	0.2524	504.8
5	Q1387-02	COMP	1.4749	1.4749	200	1.5317	1.5317	1.5317	0.0568	284
6	Q1393-05	PURGE-WATER-COMP	1.4916	1.4916	1000	2.3584	2.3584	2.3584	0.8668	866.8
7	Q1393-05DUP	PURGE-WATER-COMPDUP	1.4972	1.4972	1000	2.3642	2.3642	2.3642	0.8670	867
8	Q1404-01	001-WILLETTS-PT-BLVD (FEB)	1.4706	1.4706	150	1.4946	1.4946	1.4946	0.0240	160
9	Q1404-02	002-35TH-AVE (FEB)	1.4867	1.4867	150	1.5146	1.5146	1.5146	0.0279	186

A = Sample Volume (ml)
 B = Final Empty Dish Weight (g)
 C = Final Empty Dish + Sample weight after 1.5 hr drying @105°C(g)
 D = Weight (g)

Weight (g) = C - B

Result mg/L = $\frac{D}{A} \times 1000 \times 1000$

WORKLIST(Hardcopy Internal Chain)

134784

WorkList Name : tss q1393 WorkList ID : 187816 Department : Wet-Chemistry Date : 02-21-2025 08:25:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1381-01	OUTFALL-001	Water	TSS	Cool 4 deg C	RSBE01	H31	02/11/2025	SM2540 D
Q1381-02	OUTFALL-002	Water	TSS	Cool 4 deg C	RSBE01	H31	02/11/2025	SM2540 D
Q1387-02	COMP	Water	TSS	Cool 4 deg C	ARAM01	H11	02/19/2025	SM2540 D
Q1393-05	PURGE-WATER-COMP	Water	TSS	Cool 4 deg C	PSEG03	H21	02/19/2025	SM2540 D
Q1404-01	001-WILLETS-PT-BLVD(FEB)	Water	TSS	Cool 4 deg C	TULL01	N41	02/20/2025	SM2540 D
Q1404-02	002-35TH-AVE(FEB)	Water	TSS	Cool 4 deg C	TULL01	N41	02/20/2025	SM2540 D

Date/Time 02-21-25 11:40
Raw Sample Received by: JH (wec)
Raw Sample Relinquished by: JDCSMD

Date/Time 02-21-25 17:13
Raw Sample Received by: JDCSMD
Raw Sample Relinquished by: JH (wec)

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 02/18/2025

Run Number: LB134805

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 02/18/2025 08:00 TEMP1 OUT: 103 °C 02/18/2025 09:00
 TEMP2 IN: 104 °C 02/18/2025 09:30 TEMP2 OUT: 103 °C 02/18/2025 10:30
 TEMP3 IN: 104 °C 02/18/2025 12:30 TEMP3 OUT: 103 °C 02/18/2025 14:00
 TEMP4 IN: 104 °C 02/18/2025 14:30 TEMP4 OUT: 103 °C 02/18/2025 16:10

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L
1	LB134805BL	LB134805BL	1.3563	1.3563	100	1.3564	1.3564	1.3564	0.0001	1
2	LB134805BS	LB134805BS	1.4743	1.4743	100	1.5275	1.5275	1.5275	0.0532	532
3	Q1381-01	OUTFALL-001	1.4900	1.4900	600	1.5207	1.5207	1.5207	0.0307	51.2
4	Q1381-02	OUTFALL-002	1.4820	1.4820	500	1.7344	1.7344	1.7344	0.2524	504.8

A = Sample Volume (ml)
 B = Final Empty Dish Weight (g)
 C = Final Empty Dish + Sample weight after 1.5 hr drying @105°C(g)
 D = Weight (g)

Weight (g) = C - B

Result mg/L = $\frac{D}{A} \times 1000 \times 1000$

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB134805

Review By	jignesh	Review On	2/26/2025 11:11:36 AM
Supervise By	Iwona	Supervise On	2/26/2025 11:16:20 AM
SubDirectory	LB134805	Test	TSS
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB134805BL	LB134805BL	MB	02/18/25 12:30		jignesh	OK
2	LB134805BS	LB134805BS	LCS	02/18/25 12:30		jignesh	OK
3	Q1381-01	OUTFALL-001	SAM	02/18/25 12:30		jignesh	OK
4	Q1381-02	OUTFALL-002	SAM	02/18/25 12:30		jignesh	OK

Prep Standard - Chemical Standard Summary

Order ID : Q1381

Test : TSS

Prepbatch ID :

Sequence ID/Qc Batch ID: LB134805,

Standard ID :

Chemical ID :

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
				/	/	



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 2041299

Q1381

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: RSB Environmental
ADDRESS: 6001 Savoy Dr Ste 110
CITY Houston TX STATE: TX ZIP: 77036
ATTENTION: Efrain Trejo
PHONE: 832-384-9475 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: EBR Motors
PROJECT NO.: LOCATION: Houston, TX
PROJECT MANAGER: Efrain Trejo
e-mail: efrain.trejo@AllianceTg.com
PHONE: 832-206-4101 FAX:

CLIENT BILLING INFORMATION

BILL TO: RSB Environmental PO#:
ADDRESS: 6001 Savoy Dr Ste 110
CITY Houston STATE: TX ZIP: 77036
ATTENTION: Efrain Trejo PHONE: 832-206-4101

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS
Barium, Cadmium, Chromium, Copper, Lead, Manganese, Nickel, Selenium, Silver, Zinc
TSS, Metals-Arsenic, Mercury

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	outfall 001	SW		X	2/11/25	10:30	3	X	X	X							
2.	outfall 002	SW		X	2/11/25	10:30	3	X	X	X							
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Bob Salas</u>	DATE/TIME: <u>2/19/25 3:24</u>	RECEIVED BY: 1. <u>Jaime Reyes</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>4.3</u> °C Comments: <u>IR-001</u>
RELINQUISHED BY SAMPLER: 2. <u>Jaime Reyes</u>	DATE/TIME: <u>2-18-25</u>	RECEIVED BY: 2. <u>CR</u>	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete
☐ YES ☐ NO



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488