



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SED-1
Lab Sample ID: Q3586-01

Date Collected: 11/06/25 14:15
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 62.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.065	U	1	0.065	0.39	mg/Kg	11/10/25 08:15	11/10/25 14:47	9012B
Hexavalent Chromium	0.11	U	1	0.11	0.62	mg/Kg	11/10/25 09:10	11/10/25 12:45	7196A

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: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SED-2
Lab Sample ID: Q3586-02

Date Collected: 11/06/25 12:40
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 41.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.10	U	1	0.10	0.60	mg/Kg	11/10/25 08:15	11/10/25 14:47	9012B
Hexavalent Chromium	0.17	U	1	0.17	0.96	mg/Kg	11/10/25 09:10	11/10/25 12:46	7196A

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: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SED-3
Lab Sample ID: Q3586-03

Date Collected: 11/06/25 11:55
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 50.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.081	U	1	0.081	0.48	mg/Kg	11/10/25 08:15	11/10/25 14:47	9012B
Hexavalent Chromium	0.14	U	1	0.14	0.78	mg/Kg	11/10/25 09:10	11/10/25 12:46	7196A

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

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers

SDG No.: Q3586

Project: Edison Landfill

RunNo.: LB137839

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.489	0.5	98	90-110	11/10/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	11/10/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	11/10/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.489	0.5	98	90-110	11/10/2025
Sample ID: CCV4 Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	11/10/2025

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers

SDG No.: Q3586

Project: Edison Landfill

RunNo.: LB137840

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.096	0.099	97	90-110	11/10/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID: CCV3 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID: CCV4 Cyanide	mg/L	0.25	0.25	100	90-110	11/10/2025

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers

SDG No.: Q3586

Project: Edison Landfill

RunNo.: LB137839

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/10/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/10/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/10/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/10/2025
Sample ID: CCB4 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/10/2025

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers
Project: Edison Landfill

SDG No.: Q3586
RunNo.: LB137840

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB4 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025

Preparation Blank Summary

Client: Remington & Vernick Engineers

SDG No.: Q3586

Project: Edison Landfill

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB170464BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	11/10/2025
Sample ID: PB170470BL							
Cyanide	mg/Kg	< 0.1250	0.1250	U	0.042	0.25	11/10/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3586
Project:	Edison Landfill	Sample ID:	Q3560-01
Client ID:	SY-10DMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	1.90		0.047	U	1.96078	1	97		11/10/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3586
Project:	Edison Landfill	Sample ID:	Q3560-01
Client ID:	SY-10DMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	2.00		0.047	U	1.94175	1	103		11/10/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3586
Project:	Edison Landfill	Sample ID:	Q3562-01
Client ID:	EO-03-110625MS	Percent Solids for Spike Sample:	92.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1340		0.075	U	1390	40	96		11/10/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3586
Project:	Edison Landfill	Sample ID:	Q3562-01
Client ID:	EO-03-110625MS	Percent Solids for Spike Sample:	92.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	41.3		0.075	U	43.4	2	95		11/10/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3586
Project:	Edison Landfill	Sample ID:	Q3562-01
Client ID:	EO-03-110625MS	Percent Solids for Spike Sample:	92.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	38.0		0.075	U	43.4	2	88		11/10/2025

Duplicate Sample Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3586
Project:	Edison Landfill	Sample ID:	Q3560-01
Client ID:	SY-10DDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.047	U	0.047	U	1	0		11/10/2025

Duplicate Sample Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3586
Project:	Edison Landfill	Sample ID:	Q3560-01
Client ID:	SY-10DMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	1.90		2.00		1	5		11/10/2025

Duplicate Sample Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3586
Project:	Edison Landfill	Sample ID:	Q3562-01
Client ID:	EO-03-110625DUP	Percent Solids for Spike Sample:	92.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.075	U	0.075	U	1	0		11/10/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3586

Project: Edison Landfill

Run No.: LB137839

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170464BS							
Hexavalent Chromium	mg/Kg	20	19.8		99	1	84-110	11/10/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3586

Project: Edison Landfill

Run No.: LB137840

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170470BS							
Cyanide	mg/Kg	5	4.90		98	1	85-115	11/10/2025

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137839

Review By	rubina	Review On	11/10/2025 3:02:02 PM
Supervise By	Iwona	Supervise On	11/12/2025 1:03:38 PM
SubDirectory	LB137839	Test	Hexavalent Chromium
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	WP115554,WP115340,WP115339,WP115587,WP114310		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/10/25 12:30		rubina	OK
2	CAL2	CAL2	CAL	11/10/25 12:30		rubina	OK
3	CAL3	CAL3	CAL	11/10/25 12:31		rubina	OK
4	CAL4	CAL4	CAL	11/10/25 12:31		rubina	OK
5	CAL5	CAL5	CAL	11/10/25 12:32		rubina	OK
6	CAL6	CAL6	CAL	11/10/25 12:32		rubina	OK
7	CAL7	CAL7	CAL	11/10/25 12:33		rubina	OK
8	ICV	ICV	ICV	11/10/25 12:33		rubina	OK
9	ICB	ICB	ICB	11/10/25 12:34		rubina	OK
10	CCV1	CCV1	CCV	11/10/25 12:34		rubina	OK
11	CCB1	CCB1	CCB	11/10/25 12:35		rubina	OK
12	RL Check	RL Check	RL	11/10/25 12:35		rubina	OK
13	PB170464BL	PB170464BL	MB	11/10/25 12:36		rubina	OK
14	PB170464BS	PB170464BS	LCS	11/10/25 12:36		rubina	OK
15	Q3530-03	MDL-SOIL-03-QT4-20	SAM	11/10/25 12:37		rubina	OK
16	Q3562-01	EO-03-110625	SAM	11/10/25 12:37		rubina	OK
17	Q3562-01DUP	EO-03-110625DUP	DUP	11/10/25 12:38		rubina	OK
18	Q3562-01MSPre	EO-03-110625MS	MS	11/10/25 12:38		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137839

Review By	rubina	Review On	11/10/2025 3:02:02 PM
Supervise By	Iwona	Supervise On	11/12/2025 1:03:38 PM
SubDirectory	LB137839	Test	Hexavalent Chromium
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	WP115554,WP115340,WP115339,WP115587,WP114310		

19	Q3562-01MS2Ins	EO-03-110625MS	MS	11/10/25 12:39		rubina	OK
20	Q3562-01MS3Post	EO-03-110625MS	MS	11/10/25 12:39		rubina	OK
21	Q3564-01	OR-03-11062025	SAM	11/10/25 12:40		rubina	OK
22	Q3577-01	WC-1A	SAM	11/10/25 12:40		rubina	OK
23	CCV2	CCV2	CCV	11/10/25 12:41		rubina	OK
24	CCB2	CCB2	CCB	11/10/25 12:41		rubina	OK
25	Q3580-01	346	SAM	11/10/25 12:42		rubina	OK
26	Q3581-01	VNJ-238	SAM	11/10/25 12:42		rubina	OK
27	Q3581-03	VNJ-245	SAM	11/10/25 12:43		rubina	OK
28	Q3581-05	VNJ-240	SAM	11/10/25 12:43		rubina	OK
29	Q3581-07	RBR200059	SAM	11/10/25 12:44		rubina	OK
30	Q3582-04	RT4912	SAM	11/10/25 12:44		rubina	OK
31	Q3583-04	CHRT27080	SAM	11/10/25 12:45		rubina	OK
32	Q3586-01	SED-1	SAM	11/10/25 12:45		rubina	OK
33	Q3586-02	SED-2	SAM	11/10/25 12:46		rubina	OK
34	Q3586-03	SED-3	SAM	11/10/25 12:46		rubina	OK
35	CCV3	CCV3	CCV	11/10/25 12:47		rubina	OK
36	CCB3	CCB3	CCB	11/10/25 12:47		rubina	OK
37	Q3587-01	NB-08-110725	SAM	11/10/25 12:48		rubina	OK
38	Q3588-01	TR-06-11072025	SAM	11/10/25 12:48		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137839

Review By	rubina	Review On	11/10/2025 3:02:02 PM
Supervise By	Iwona	Supervise On	11/12/2025 1:03:38 PM
SubDirectory	LB137839	Test	Hexavalent Chromium
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	WP115554,WP115340,WP115339,WP115587,WP114310		

39	Q3588-03	TR-01-11072025	SAM	11/10/25 12:49		rubina	OK
40	CCV4	CCV4	CCV	11/10/25 12:49		rubina	OK
41	CCB4	CCB4	CCB	11/10/25 12:50		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137840

Review By	rubina	Review On	11/11/2025 12:55:24 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:08:01 PM
SubDirectory	LB137840	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583		
ICV Standard	W3012		
CCV Standard	WP115578		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115585		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/10/25 10:56		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/10/25 10:56		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/10/25 10:56		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/10/25 10:56		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/10/25 10:56		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/10/25 10:56		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/10/25 10:56		rubina	OK
8	ICV1	ICV1	ICV	11/10/25 14:17		rubina	OK
9	ICB1	ICB1	ICB	11/10/25 14:17		rubina	OK
10	CCV1	CCV1	CCV	11/10/25 14:17		rubina	OK
11	CCB1	CCB1	CCB	11/10/25 14:17		rubina	OK
12	PB170470BL	PB170470BL	MB	11/10/25 14:17		rubina	OK
13	PB170470BS	PB170470BS	LCS	11/10/25 14:17		rubina	OK
14	LOWPB170440	LOWPB170440	SAM	11/10/25 14:24		rubina	OK
15	HIGHPB170440	HIGHPB170440	SAM	11/10/25 14:24		rubina	OK
16	PB170442BL	PB170442BL	MB	11/10/25 14:24		rubina	OK
17	PB170442BS	PB170442BS	LCS	11/10/25 14:24		rubina	OK
18	Q3560-01	SY-10D	SAM	11/10/25 14:24		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137840

Review By	rubina	Review On	11/11/2025 12:55:24 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:08:01 PM
SubDirectory	LB137840	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583		
ICV Standard	W3012		
CCV Standard	WP115578		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115585		

19	Q3560-01DUP	SY-10DDUP	DUP	11/10/25 14:32		rubina	OK
20	Q3560-01MS	SY-10DMS	MS	11/10/25 14:32		rubina	OK
21	Q3560-01MSD	SY-10DMSD	MSD	11/10/25 14:32		rubina	OK
22	CCV2	CCV2	CCV	11/10/25 14:32		rubina	OK
23	CCB2	CCB2	CCB	11/10/25 14:32		rubina	OK
24	Q3560-03	SY-10S	SAM	11/10/25 14:32		rubina	OK
25	Q3560-05	SY-10I	SAM	11/10/25 14:32		rubina	OK
26	Q3560-07	SY-12I	SAM	11/10/25 14:39		rubina	OK
27	Q3560-09	SY-12D	SAM	11/10/25 14:39		rubina	OK
28	Q3569-01	MW-2	SAM	11/10/25 14:39		rubina	OK
29	Q3569-02	MW-12	SAM	11/10/25 14:39		rubina	OK
30	Q3580-01	346	SAM	11/10/25 14:39		rubina	OK
31	Q3580-01DUP	346DUP	DUP	11/10/25 14:39		rubina	OK
32	Q3580-01MS	346MS	MS	11/10/25 14:39		rubina	OK
33	Q3580-01MSD	346MSD	MSD	11/10/25 14:40		rubina	OK
34	CCV3	CCV3	CCV	11/10/25 14:40		rubina	OK
35	CCB3	CCB3	CCB	11/10/25 14:47		rubina	OK
36	Q3586-02	SED-2	SAM	11/10/25 14:47		rubina	OK
37	Q3586-03	SED-3	SAM	11/10/25 14:47		rubina	OK
38	Q3587-01	NB-08-110725	SAM	11/10/25 14:47		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137840

Review By	rubina	Review On	11/11/2025 12:55:24 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:08:01 PM
SubDirectory	LB137840	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583		
ICV Standard	W3012		
CCV Standard	WP115578		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115585		

39	Q3588-01	TR-06-11072025	SAM	11/10/25 14:47		rubina	OK
40	Q3588-03	TR-01-11072025	SAM	11/10/25 14:47		rubina	OK
41	Q3586-01	SED-1	SAM	11/10/25 14:47		rubina	OK
42	Q3582-04	RT4912	SAM	11/10/25 15:00		rubina	OK
43	Q3583-04	CHRT27080	SAM	11/10/25 15:05		rubina	OK
44	CCV4	CCV4	CCV	11/10/25 15:05		rubina	OK
45	CCB4	CCB4	CCB	11/10/25 15:05		rubina	OK

LAB CHRONICLE

OrderID:	Q3586	OrderDate:	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	Project:	Edison Landfill
Contact:	Kyle Carlson	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	SED-1	SOIL			11/06/25 14:15			11/07/25
			Cyanide	9012B		11/10/25	11/10/25 14:47	
			Hexavalent Chromium	7196A		11/10/25	11/10/25 12:45	
Q3586-02	SED-2	SOIL			11/06/25 12:40			11/07/25
			Cyanide	9012B		11/10/25	11/10/25 14:47	
			Hexavalent Chromium	7196A		11/10/25	11/10/25 12:46	
Q3586-03	SED-3	SOIL			11/06/25 11:55			11/07/25
			Cyanide	9012B		11/10/25	11/10/25 14:47	
			Hexavalent Chromium	7196A		11/10/25	11/10/25 12:46	

SOP ID : M3060A,7196A-Hex.Chromium-27

SDG No : N/A

Start Digest Date: 11/10/2025 Time : 09:10 Temp : 90 °C

Matrix : SOIL

End Digest Date: 11/10/2025 Time : 10:10 Temp : 93 °C

Pipette ID : WC

11/10/2025 10:50 90°C JR
11/10/2025 11:50 95°C JR

Balance ID : WC SC-7

Hood ID : HOOD#3

Digestion tube ID : M6054

Block Thermometer ID : WC-Block#1

Block ID : WC S-2, WC S-1

Filter paper ID : 400213

Prep Technician Signature: *R14*

Weigh By : RM

pH Meter ID : WC pH meter-1

Supervisor Signature: *12*

Standard Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP113880
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP113880
LCSS	1.0ML	WP113881
PBS003	50.ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3152
PHOSPHATE BUFFER	5.0ML	WP115410
HEX. DIGESTION SOLN.	50.0ML	WP115338
5M HNO3	5-7ML	WP115339
5N H2SO4	1-3ML	WP115340
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP115586
CAL3	CAL3	0.5ML	WP115586
CAL4	CAL4	1ML	WP115586
CAL5	CAL5	0.2ML	WP113880
CAL6	CAL6	1ML	WP113880
CAL7	CAL7	2.0ML	WP113880
ICV	ICV	1ML	WP113881
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP113880
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments:

11/10/2025 RM

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170464BL	PBS464	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB170464BS	LCS464	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3530-03	MDL-SOIL-03-QT4-2025	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3562-01	EO-03-110625	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3562-01DUP	EO-03-110625DUP	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3562-01MSPre	EO-03-110625MSPRE	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3562-01MS2Ins	EO-03-110625MS2INS	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3562-01MS3Post	EO-03-110625MS3POST	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3564-01	OR-03-11062025	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3577-01	WC-1A	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3580-01	346	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3581-01	VNJ-238	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3581-03	VNJ-245	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3581-05	VNJ-240	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3581-07	RBR200059	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3582-04	RT4912	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3583-04	CHRT27080	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-01	SED-1	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-02	SED-2	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-03	SED-3	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3587-01	NB-08-110725	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3588-01	TR-06-11072025	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3588-03	TR-01-11072025	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 11/10/2025 Time : 08:15 Temp : 124 °C

Matrix : SOIL

End Digest Date: 11/10/2025 Time : 09:45 Temp : 126 °C

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature:

Weigh By : JP

pH Meter ID : N/A

Supervisor Signature:

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	2.0ML	WP115335
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP113837
LOWSTD	LOWSTD	0.1ML	WP113837

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/2025 11:55	JP / WC	RM (WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
PB170470BL	PBS470	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB170470BS	LCS470	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3580-01DUP	346DUP	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3580-01MS	346MS	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3580-01MSD	346MSD	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3580-01	346	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3582-04	RT4912	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3583-04	CHRT27080	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-01	SED-1	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-02	SED-2	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-03	SED-3	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3587-01	NB-08-110725	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3588-01	TR-06-11072025	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3588-03	TR-01-11072025	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A