

LAB CHRONICLE

OrderID:	Q3341	OrderDate:	10/14/2025 12:11:00 PM
Client:	Kleinfelder	Project:	Webster School
Contact:	Mark Warchol	Location:	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3341-01	C-1	SOIL			10/13/25 09:45			10/14/25
			Ammonia	SM4500-NH3		10/15/25	10/15/25 17:40	
			Anions Group1	9056A			10/15/25 10:37	
			Hexavalent Chromium	7196A		10/14/25	10/15/25 11:47	
			Trivalent Chromium	6010D			10/15/25 19:15	
Q3341-01DL	C-1DL	SOIL			10/13/25 09:45			10/14/25
			Anions Group1	9056A			10/15/25 12:25	
Q3341-02	C-2	SOIL			10/13/25 10:10			10/14/25
			Ammonia	SM4500-NH3		10/15/25	10/15/25 17:40	
			Anions Group1	9056A			10/15/25 11:42	
			Hexavalent Chromium	7196A		10/14/25	10/15/25 11:49	
			Trivalent Chromium	6010D			10/15/25 19:19	
Q3341-03	C-3	SOIL			10/13/25 10:35			10/14/25
			Ammonia	SM4500-NH3		10/15/25	10/15/25 17:40	
			Anions Group1	9056A			10/15/25 12:03	

LAB CHRONICLE

Hexavalent Chromium	7196A	10/14/25	10/15/25
			11:50
Trivalent Chromium	6010D		10/15/25
			19:23

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: Kleinfelder
Project: Webster School
Client Sample ID: C-1
Lab Sample ID: Q3341-01

Date Collected: 10/13/25 09:45
Date Received: 10/14/25
SDG No.: Q3341
Matrix: SOIL
% Solid: 78.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.70	U	1	2.70	6.20	mg/Kg	10/15/25 09:00	10/15/25 17:40	SM 4500-NH3 B plus G-21
Chloride	746	OR	1	4.40	15.1	mg/Kg		10/15/25 10:37	9056A
Fluoride	7.90	J	1	2.20	10.1	mg/Kg		10/15/25 10:37	9056A
Sulfate	27.4	J	1	11.0	75.4	mg/Kg		10/15/25 10:37	9056A
Hexavalent Chromium	0.088	U	1	0.088	0.50	mg/Kg	10/14/25 15:20	10/15/25 11:47	7196A
Trivalent Chromium	19.1		1	0.63	0.63	mg/Kg		10/15/25 19:15	6010D

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: Kleinfelder
Project: Webster School
Client Sample ID: C-1DL
Lab Sample ID: Q3341-01DL

Date Collected: 10/13/25 09:45
Date Received: 10/14/25
SDG No.: Q3341
Matrix: SOIL
% Solid: 78.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	675	D	10	43.6	151	mg/Kg		10/15/25 12:25	9056A

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: Kleinfelder
Project: Webster School
Client Sample ID: C-2
Lab Sample ID: Q3341-02

Date Collected: 10/13/25 10:10
Date Received: 10/14/25
SDG No.: Q3341
Matrix: SOIL
% Solid: 82.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.60	U	1	2.60	5.90	mg/Kg	10/15/25 09:00	10/15/25 17:40	SM 4500-NH3 B plus G-21
Chloride	43.8		1	4.20	14.4	mg/Kg		10/15/25 11:42	9056A
Fluoride	4.70	J	1	2.10	9.60	mg/Kg		10/15/25 11:42	9056A
Sulfate	20.2	J	1	10.5	72.1	mg/Kg		10/15/25 11:42	9056A
Hexavalent Chromium	0.084	U	1	0.084	0.48	mg/Kg	10/14/25 15:20	10/15/25 11:49	7196A
Trivalent Chromium	19.7		1	0.61	0.61	mg/Kg		10/15/25 19:19	6010D

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: Kleinfelder
Project: Webster School
Client Sample ID: C-3
Lab Sample ID: Q3341-03

Date Collected: 10/13/25 10:35
Date Received: 10/14/25
SDG No.: Q3341
Matrix: SOIL
% Solid: 80.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.70	U	1	2.70	6.10	mg/Kg	10/15/25 09:00	10/15/25 17:40	SM 4500-NH3 B plus G-21
Chloride	38.7		1	4.30	15.0	mg/Kg		10/15/25 12:03	9056A
Fluoride	2.20	J	1	2.20	10.0	mg/Kg		10/15/25 12:03	9056A
Sulfate	30.2	J	1	10.9	74.9	mg/Kg		10/15/25 12:03	9056A
Hexavalent Chromium	0.085	U	1	0.085	0.49	mg/Kg	10/14/25 15:20	10/15/25 11:50	7196A
Trivalent Chromium	16.0		1	0.62	0.62	mg/Kg		10/15/25 19:23	6010D

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: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137519

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	9.8	10	98	90-110	10/09/2025
Chloride	mg/L	2.9	3	97	90-110	10/09/2025
Fluoride	mg/L	2	2	100	90-110	10/09/2025
Nitrite	mg/L	2.9	3	97	90-110	10/09/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/09/2025
Sulfate	mg/L	14.7	15	98	90-110	10/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	10/09/2025
Sample ID: CCV1						
Bromide	mg/L	10.2	10	102	90-110	10/15/2025
Chloride	mg/L	3	3	100	90-110	10/15/2025
Fluoride	mg/L	2	2	100	90-110	10/15/2025
Nitrite	mg/L	3	3	100	90-110	10/15/2025
Nitrate	mg/L	2.5	2.5	100	90-110	10/15/2025
Sulfate	mg/L	15	15	100	90-110	10/15/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	10/15/2025
Sample ID: CCV2						
Bromide	mg/L	10.2	10	102	90-110	10/15/2025
Chloride	mg/L	3	3	100	90-110	10/15/2025
Fluoride	mg/L	2	2	100	90-110	10/15/2025
Nitrite	mg/L	3	3	100	90-110	10/15/2025
Nitrate	mg/L	2.5	2.5	100	90-110	10/15/2025
Sulfate	mg/L	15	15	100	90-110	10/15/2025
Orthophosphate as P	mg/L	5	5	100	90-110	10/15/2025

Initial and Continuing Calibration Verification

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137525

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	10/15/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	10/15/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	10/15/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.488	0.5	98	90-110	10/15/2025

Initial and Continuing Calibration Verification

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137539

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	1	1	100	90-110	10/15/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.99	1	99	90-110	10/15/2025
Sample ID: CCV2 Ammonia as N	mg/L	1	1	100	90-110	10/15/2025
Sample ID: CCV3 Ammonia as N	mg/L	1	1	100	90-110	10/15/2025

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137519

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/15/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/15/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/15/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/15/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/15/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/15/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/15/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/15/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/15/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/15/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/15/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/15/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/15/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/15/2025

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137525

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	10/15/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/15/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/15/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/15/2025

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137539

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/15/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/15/2025
Sample ID: CCB2 Ammonia as N	mg/L	0.03	0.0500	J	0.030	0.1	10/15/2025
Sample ID: CCB3 Ammonia as N	mg/L	0.033	0.0500	J	0.030	0.1	10/15/2025

Preparation Blank Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137519BLS							
Bromide	mg/Kg	< 20.0000	20.0000	U	7	40	10/15/2025
Chloride	mg/Kg	< 6.0000	6.0000	U	3.5	12	10/15/2025
Fluoride	mg/Kg	< 4.0000	4.0000	U	1.8	8	10/15/2025
Nitrite	mg/Kg	< 6.0000	6.0000	U	1.5	12	10/15/2025
Nitrate	mg/Kg	< 5.0000	5.0000	U	1.8	10	10/15/2025
Sulfate	mg/Kg	< 30.0000	30.0000	U	8.8	60	10/15/2025
Orthophosphate as P	mg/Kg	< 10.0000	10.0000	U	6.7	20	10/15/2025
Sample ID: PB170093BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	10/15/2025
Sample ID: PB170110BL							
Ammonia as N	mg/Kg	< 2.5000	2.5000	U	2.2	5	10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MS	Percent Solids for Spike Sample:	78.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/Kg	80-120	256		8.80	U	250	1	102		10/15/2025
Chloride	mg/Kg	80-120	803	OR	746	OR	75.9	1	75	*	10/15/2025
Fluoride	mg/Kg	80-120	52.6		7.90	J	50.6	1	88		10/15/2025
Nitrite	mg/Kg	80-120	76.5		1.90	U	75.9	1	101		10/15/2025
Nitrate	mg/Kg	80-120	63.0		2.30	U	63.2	1	100		10/15/2025
Sulfate	mg/Kg	80-120	393		27.4	J	380	1	96		10/15/2025
Orthophosphate as P	mg/Kg	80-120	108		8.40	U	130	1	83		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MS	Percent Solids for Spike Sample:	78.9

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	1550		0.088	U	1630	40	95		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MS	Percent Solids for Spike Sample:	78.9

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	46.6		0.088	U	50.7	2	92		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MSD	Percent Solids for Spike Sample:	78.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/Kg	80-120	255	OR	8.80	U	250	1	102		10/15/2025
Chloride	mg/Kg	80-120	799		746	OR	75.6	1	70	*	10/15/2025
Fluoride	mg/Kg	80-120	52.2		7.90	J	50.4	1	88		10/15/2025
Nitrite	mg/Kg	80-120	76.1		1.90	U	75.6	1	101		10/15/2025
Nitrate	mg/Kg	80-120	62.8		2.30	U	63	1	100		10/15/2025
Sulfate	mg/Kg	80-120	391		27.4	J	380	1	96		10/15/2025
Orthophosphate as P	mg/Kg	80-120	108		8.40	U	130	1	83		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MS	Percent Solids for Spike Sample:	78.9

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	40.1		0.088	U	50.7	2	79		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-03
Client ID:	C-3MS	Percent Solids for Spike Sample:	80.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	63.1		2.70	U	61.8	1	102		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-03
Client ID:	C-3MSD	Percent Solids for Spike Sample:	80.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	62.5		2.70	U	61.2	1	102		10/15/2025

Duplicate Sample Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1DUP	Percent Solids for Spike Sample:	78.9

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.088	U	0.088	U	1	0		10/15/2025

Duplicate Sample Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MSD	Percent Solids for Spike Sample:	78.9

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Bromide	mg/Kg	+/-15	256		255		1	0		10/15/2025
Nitrate	mg/Kg	+/-15	63.0		62.8		1	0		10/15/2025
Orthophosphate as P	mg/Kg	+/-15	108		108		1	0		10/15/2025
Chloride	mg/Kg	+/-15	803	OR	799	OR	1	0		10/15/2025
Fluoride	mg/Kg	+/-15	52.6		52.2		1	1		10/15/2025
Nitrite	mg/Kg	+/-15	76.5		76.1		1	1		10/15/2025
Sulfate	mg/Kg	+/-15	393		391		1	1		10/15/2025

Duplicate Sample Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-03
Client ID:	C-3DUP	Percent Solids for Spike Sample:	80.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Ammonia as N	mg/Kg	+/-20	2.70	U	2.70	U	1	0		10/15/2025

Duplicate Sample Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-03
Client ID:	C-3MSD	Percent Solids for Spike Sample:	80.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/Kg	+/-20	63.1		62.5		1	1		10/15/2025

Laboratory Control Sample Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

Run No.: LB137519

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137519BSS							
Bromide	mg/Kg	200	204		102	1	90-110	10/15/2025
Chloride	mg/Kg	60	61.0		102	1	90-110	10/15/2025
Fluoride	mg/Kg	40	40.8		102	1	90-110	10/15/2025
Nitrite	mg/Kg	60	60.6		101	1	90-110	10/15/2025
Nitrate	mg/Kg	50	49.6		99	1	90-110	10/15/2025
Sulfate	mg/Kg	300	303		101	1	90-110	10/15/2025
Orthophosphate as P	mg/Kg	100	104		104	1	90-110	10/15/2025

Laboratory Control Sample Summary

Client: Kleinfelder
Project: Webster School

SDG No.: Q3341
Run No.: LB137525

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170093BS							
Hexavalent Chromium	mg/Kg	20	19.7		98	1	84-110	10/15/2025

Laboratory Control Sample Summary

Client: Kleinfelder
Project: Webster School

SDG No.: Q3341
Run No.: LB137539

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170110BS							
Ammonia as N	mg/Kg	50	50.0		100	1	90-110	10/15/2025