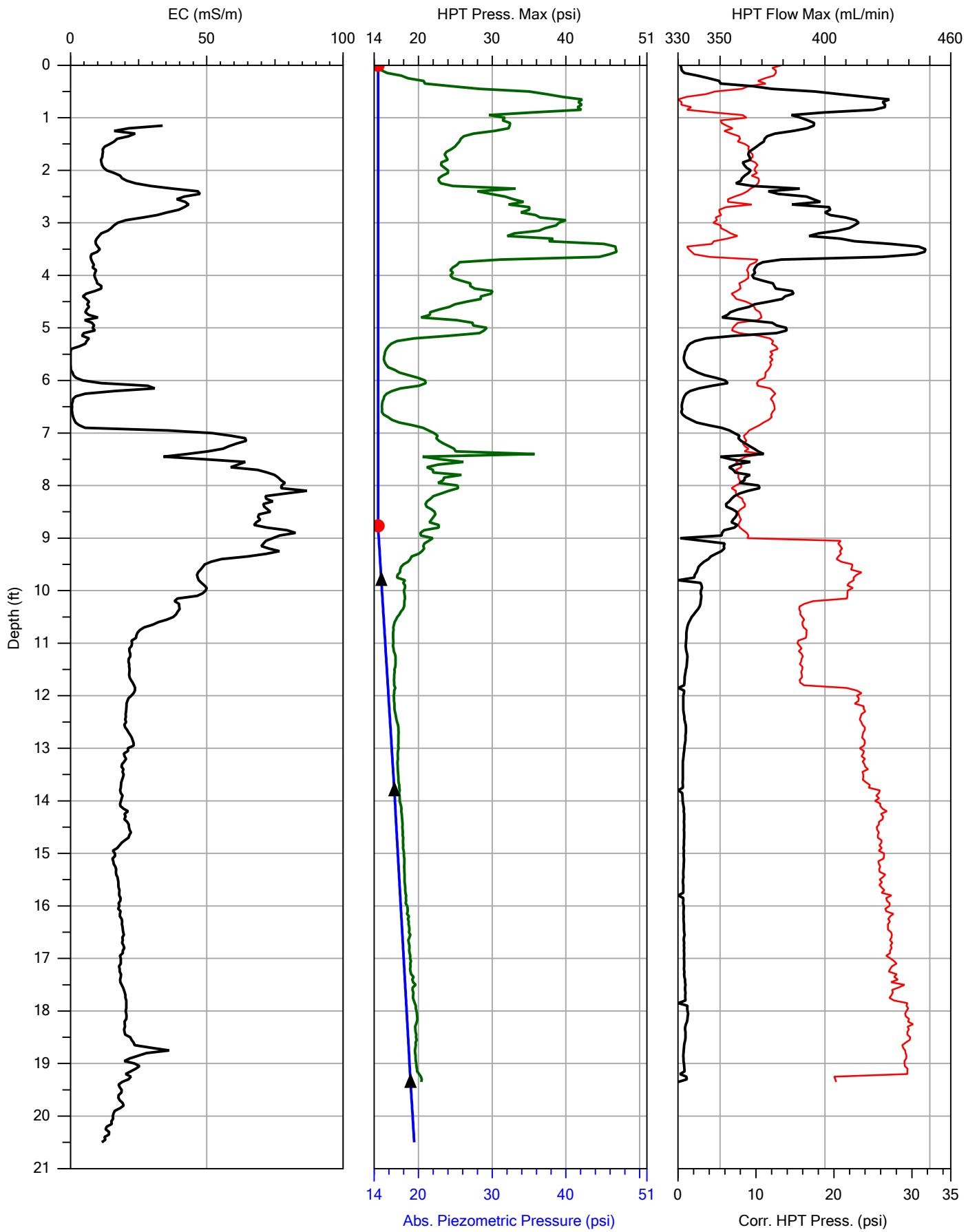


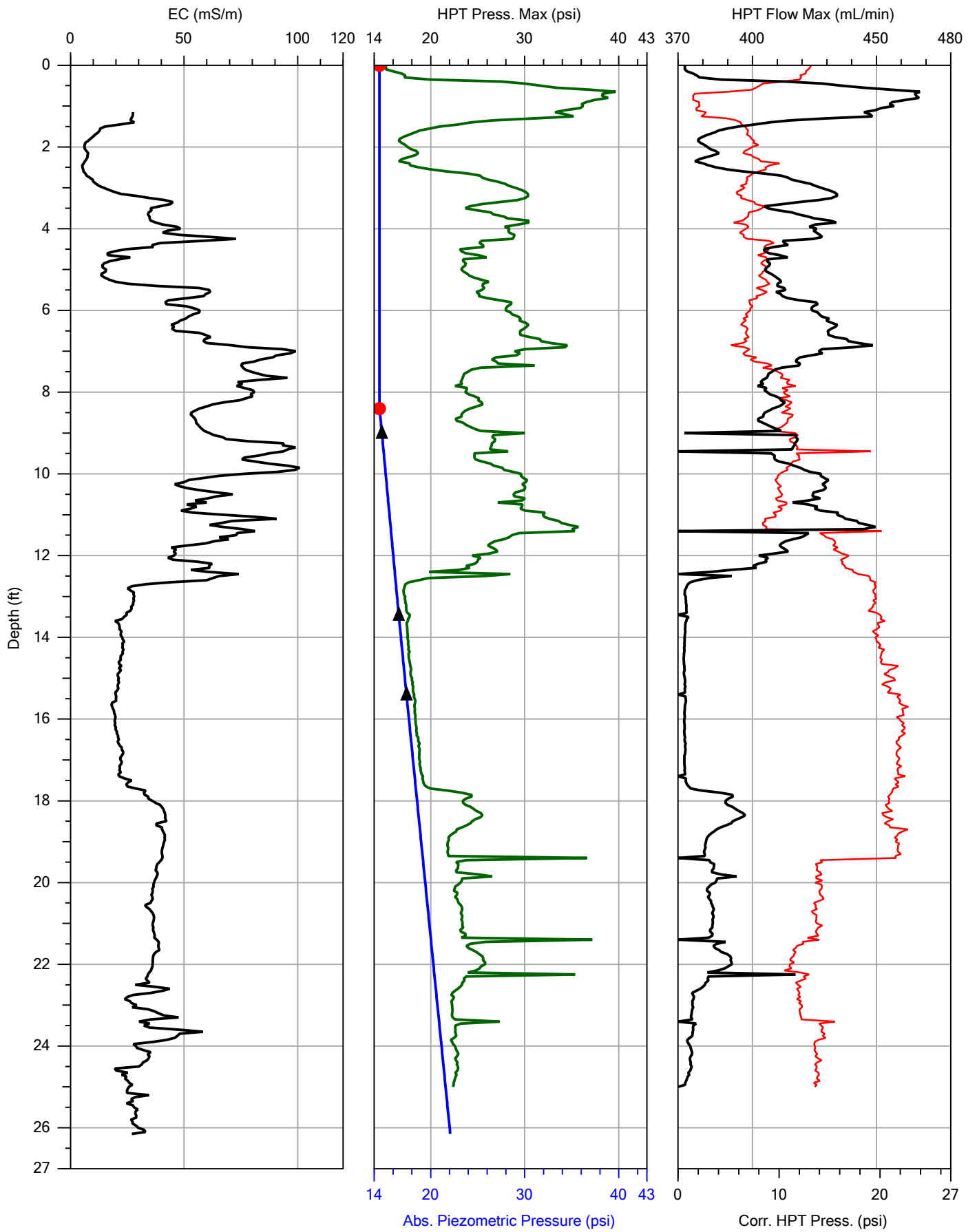
APPENDIX A – HPT AND EC LOGS



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

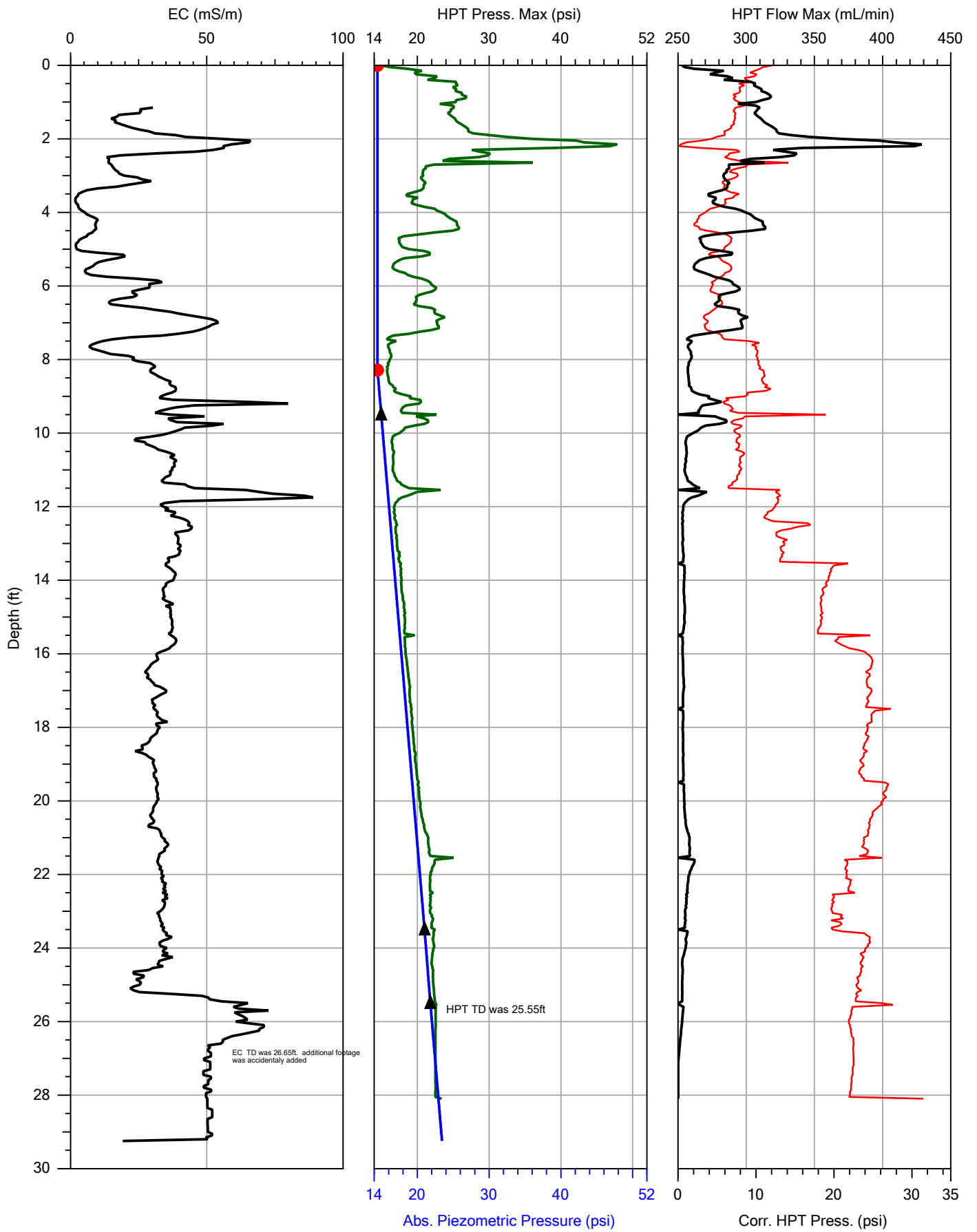
File:	GE-BA1-02.HPT
Date:	12/23/2019
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

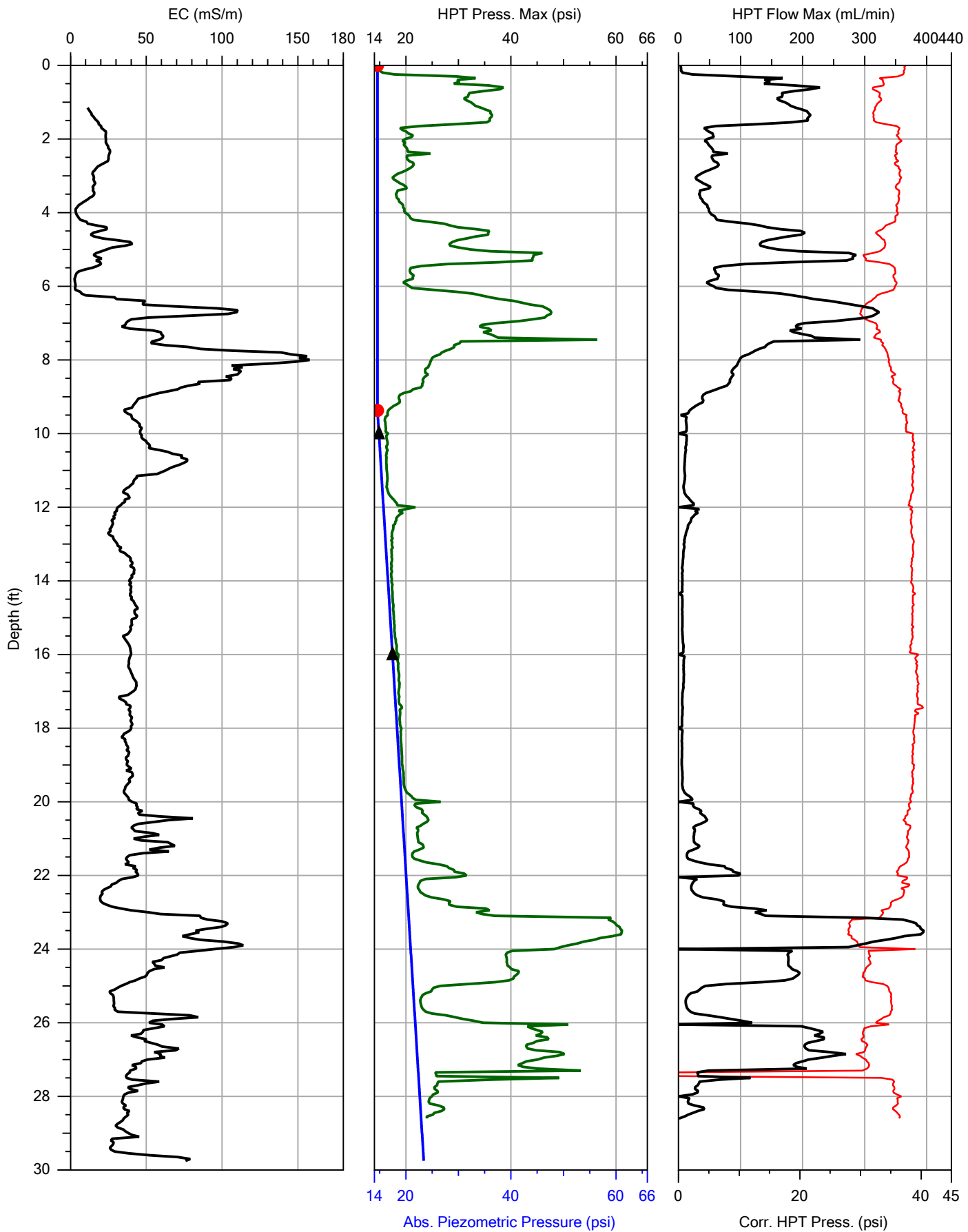
File:	GE-BA1-03.HPT
Date:	12/23/2019
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

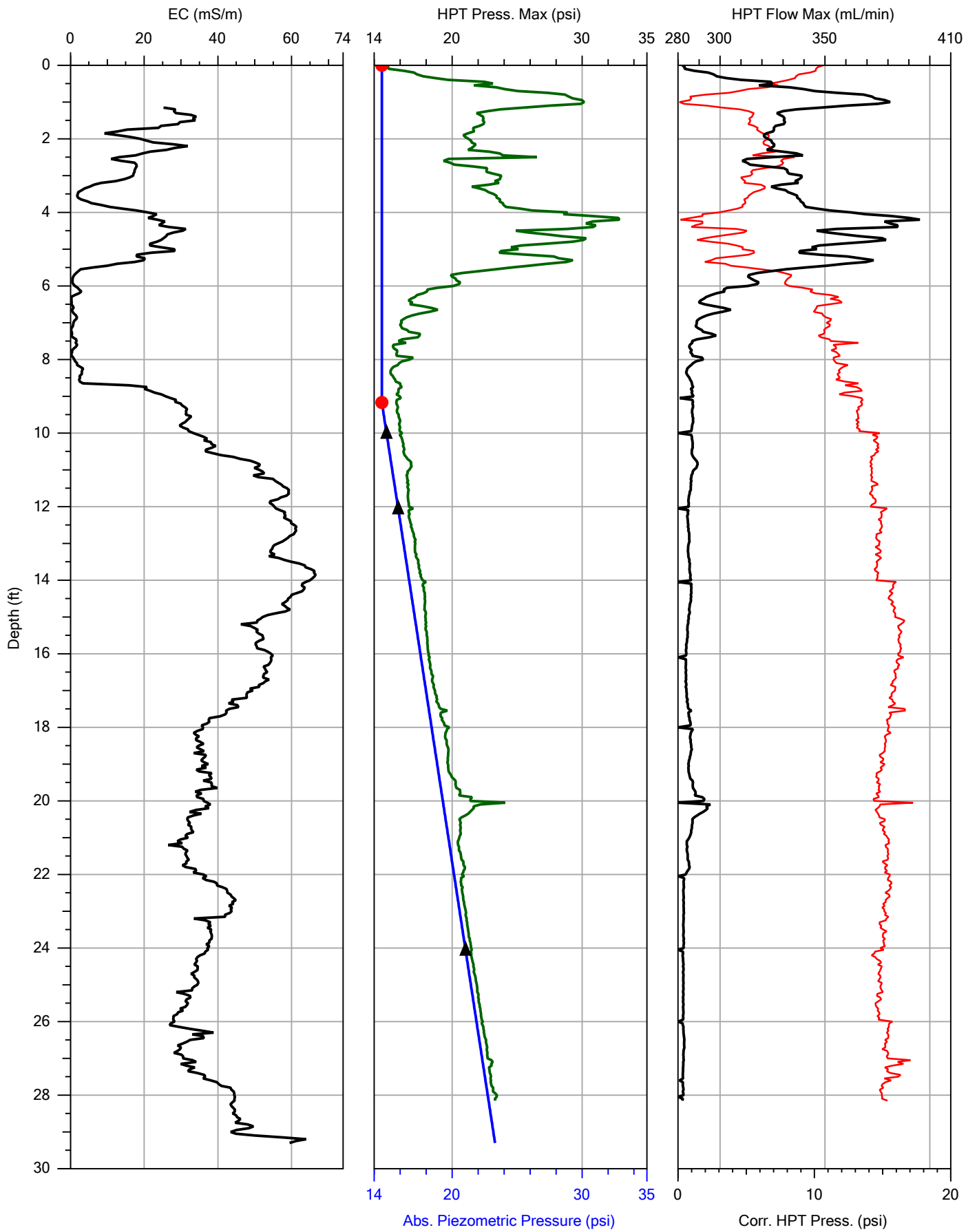
File:	GE-BA1-04.HPT
Date:	12/23/2019
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

File:	GE-BA1-05.HPT
Date:	12/22/2019
Location:	Cimarron, OK



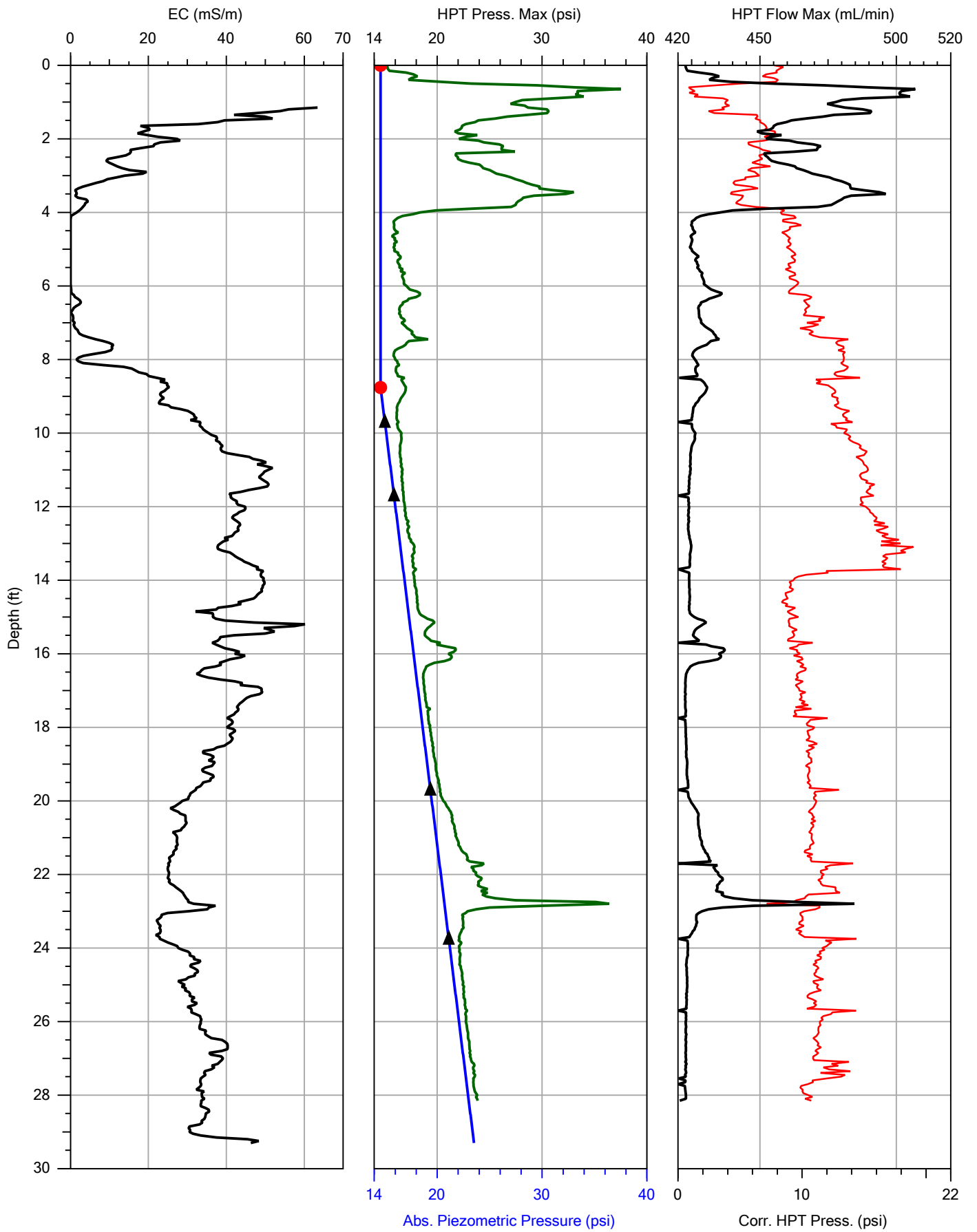
Company:
Plains Environmental Services

Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.

Client:
B&M

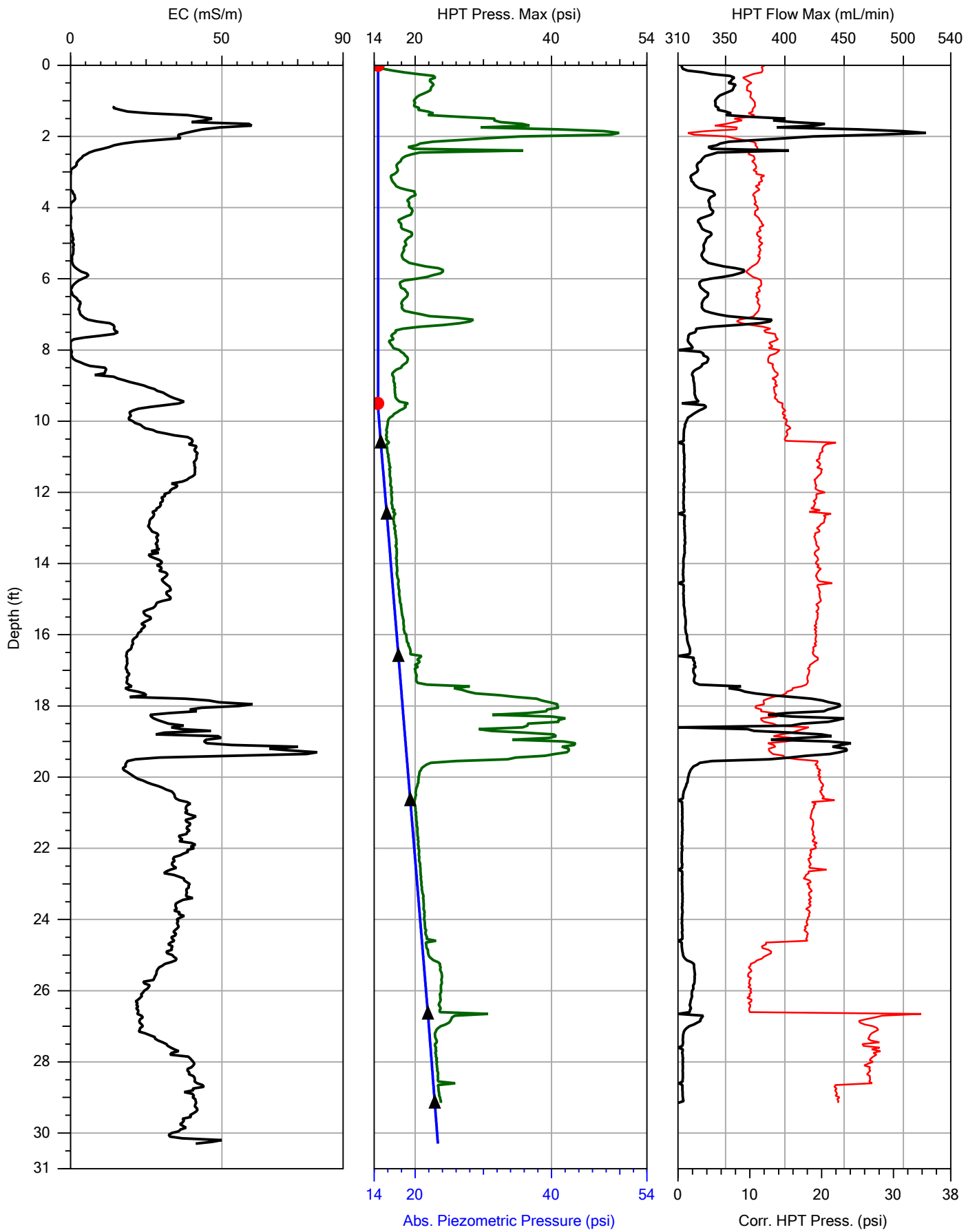
File:	GE-BA1-06.HPT
Date:	12/22/2019
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

File:	GE-BA1-07.HPT
Date:	12/22/2019
Location:	Cimarron, OK



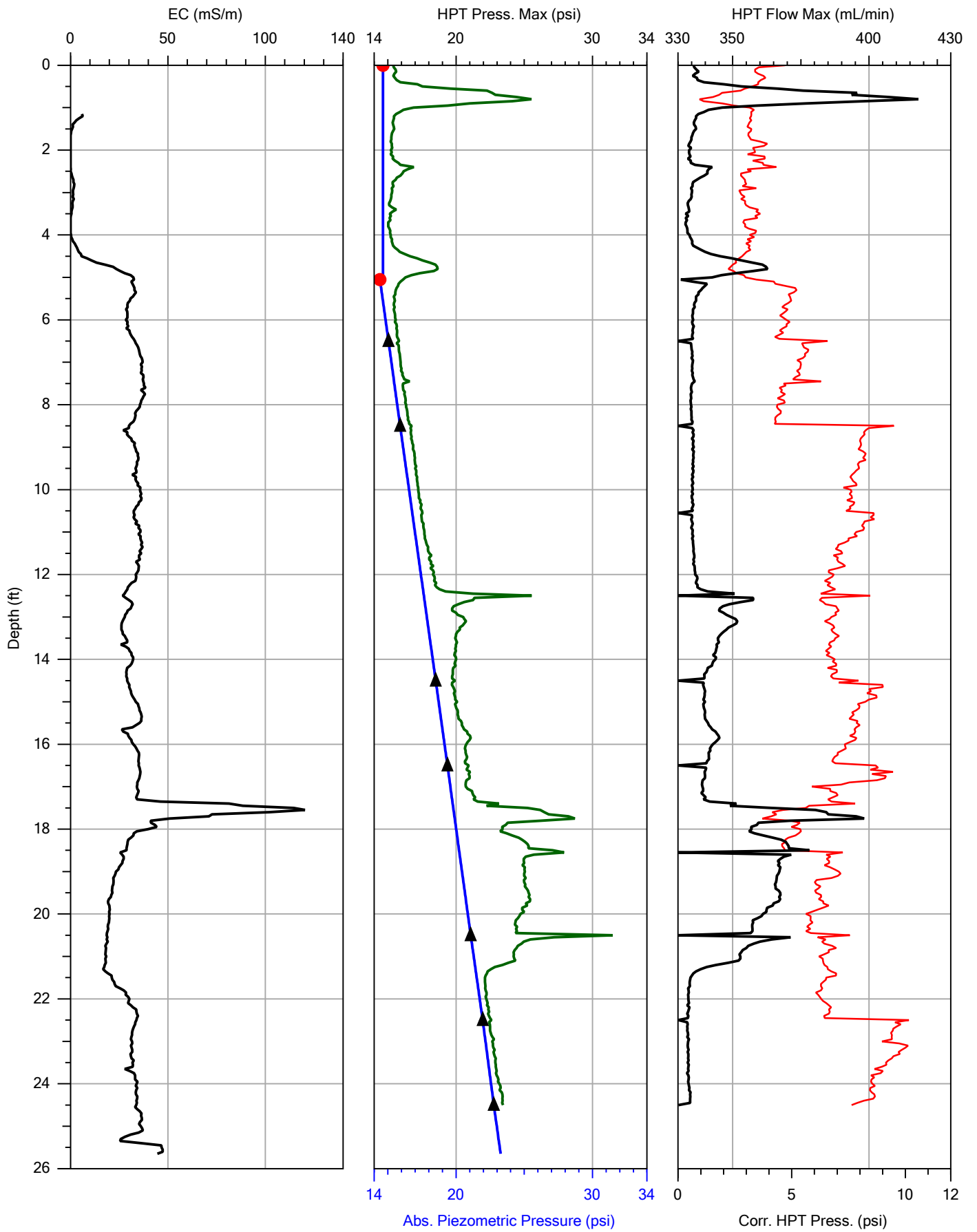
Company:
Plains Environmental Services

Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.

Client:
B&M

File:	GE-BA1-08.HPT
Date:	12/21/2019
Location:	Cimarron, OK



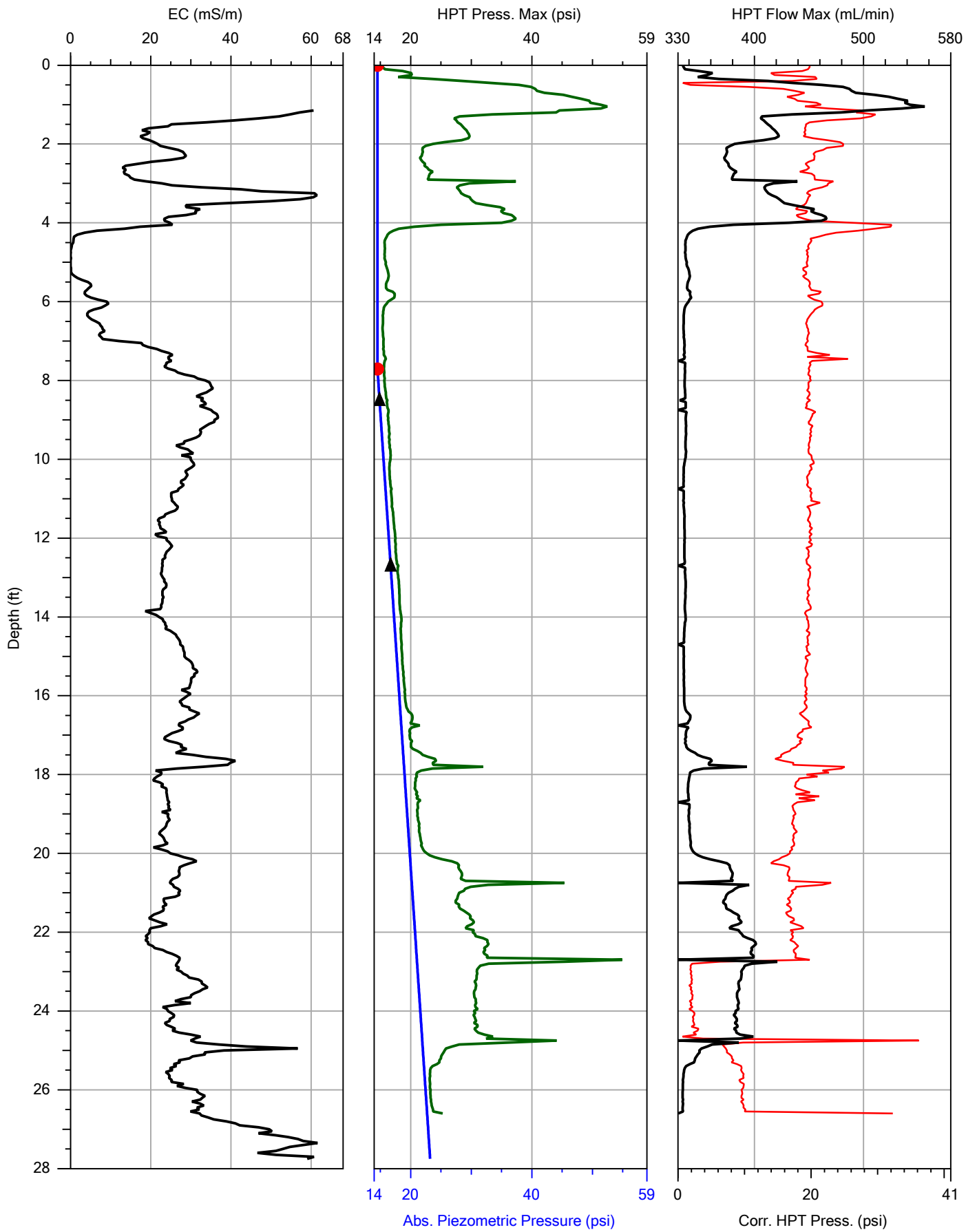
Company:
Plains Environmental Services

Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.

Client:
B&M

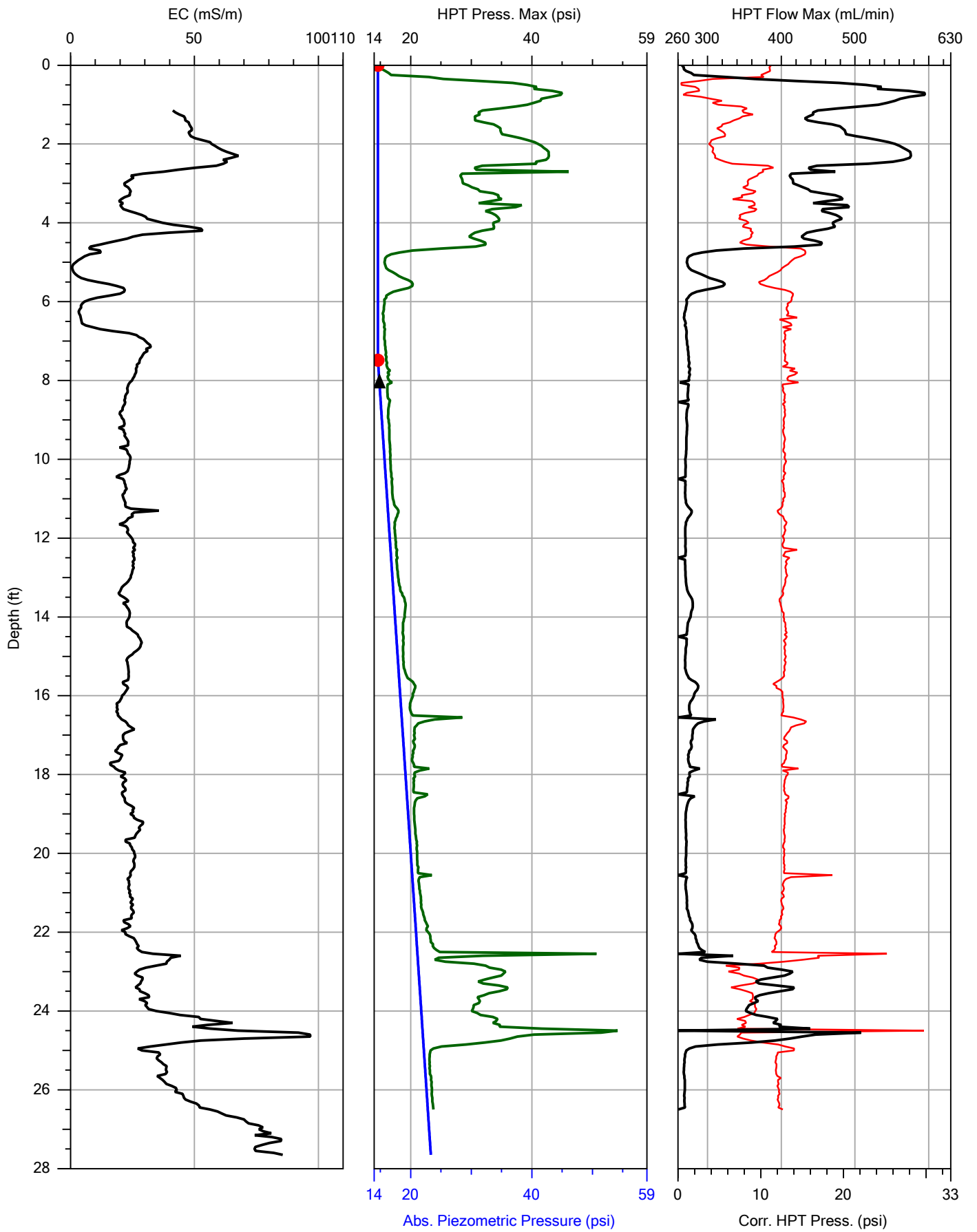
File:	GE-BA1-09.HPT
Date:	12/21/2019
Location:	Cimarron, OK



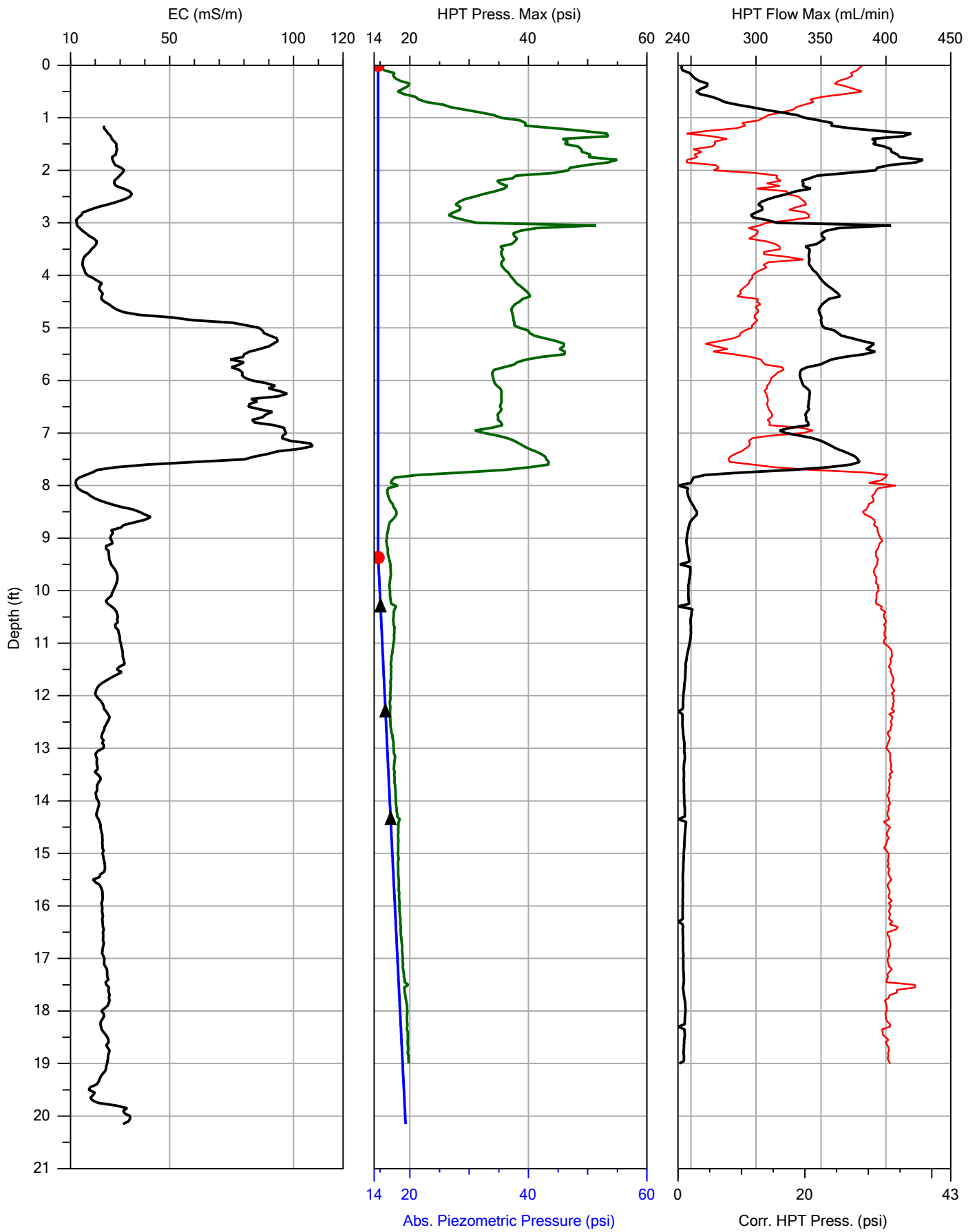
Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

File:	GE-WAA-01.HPT
Date:	1/6/2020
Location:	Cimarron, OK



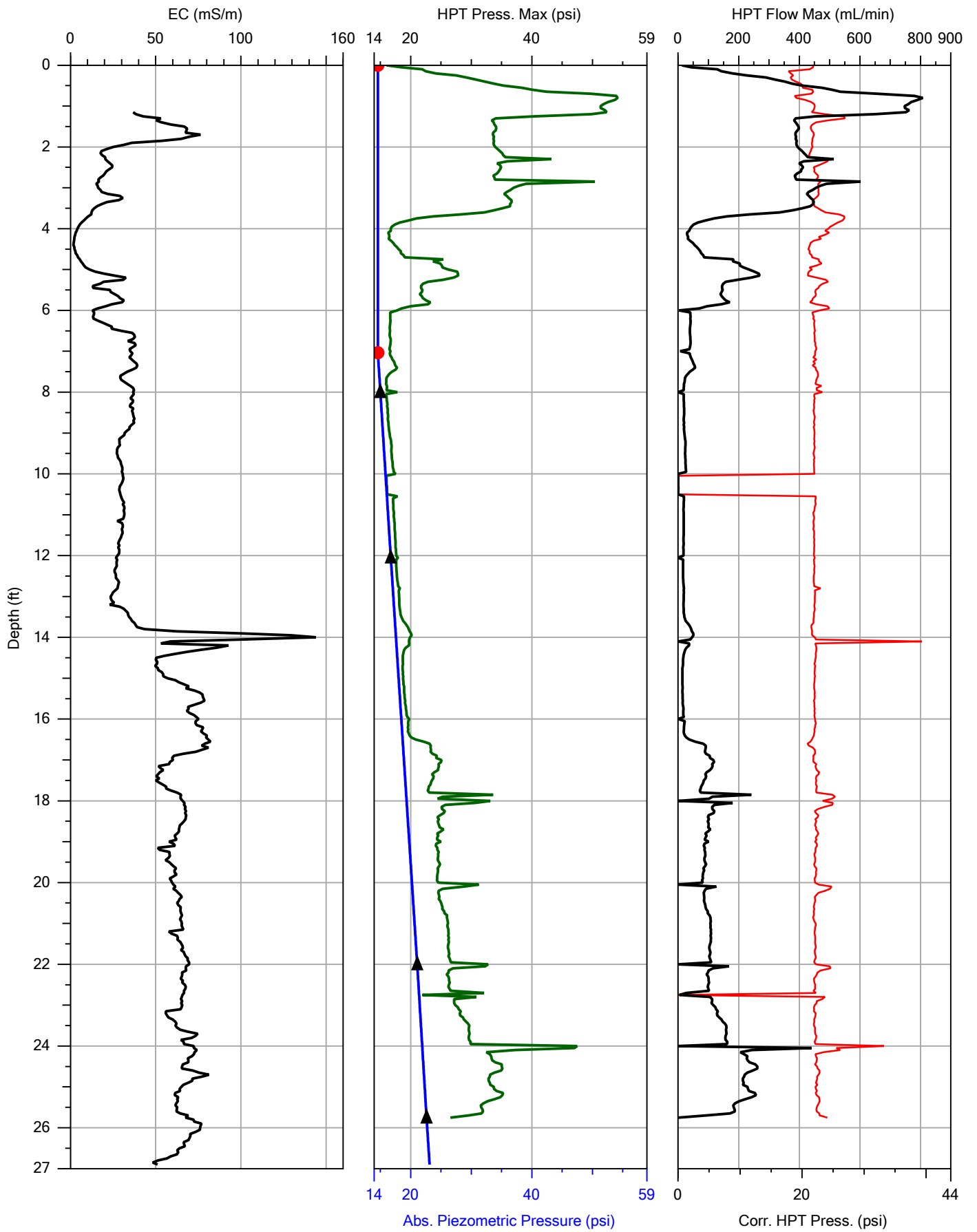
Company: Plains Environmental Services	Operator: Jason A.	File: GE-WAA-02.HPT
Project ID: CERT Vertical Profiling 2019	Client: B&M	Date: 1/7/2020
		Location: Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

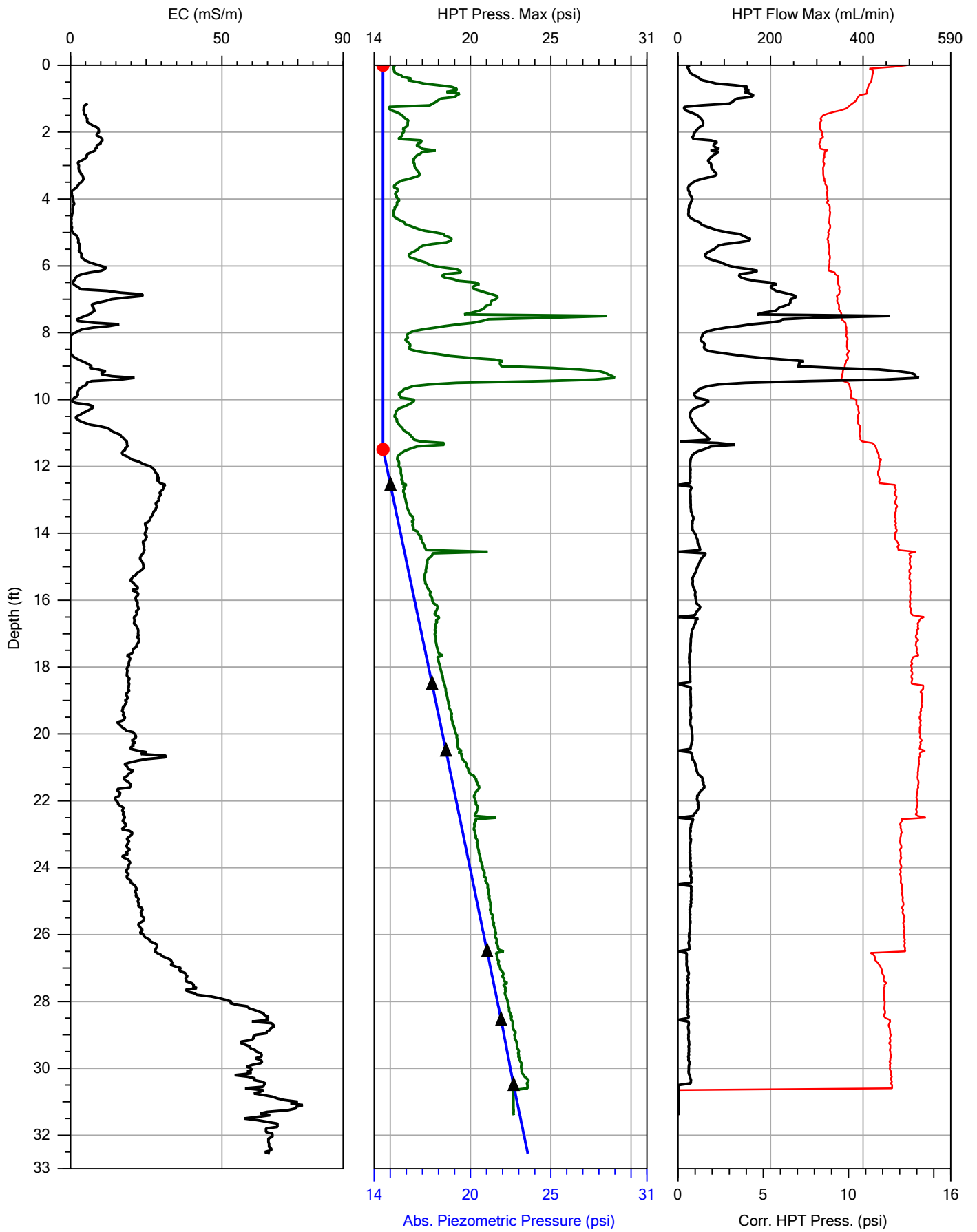
File:	GE-WAA-03.HPT
Date:	1/7/2020
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

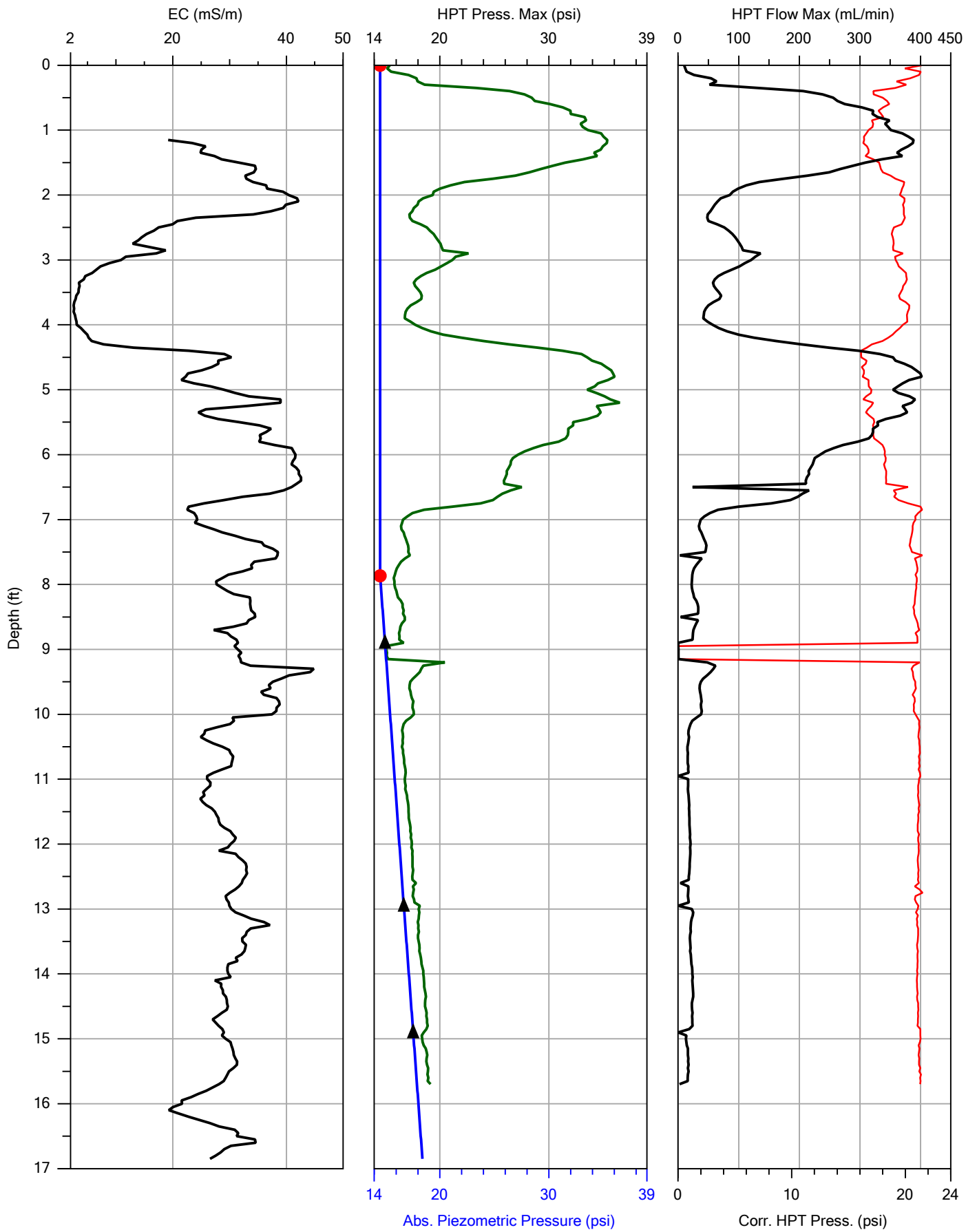
File:	GE-WAA-04.HPT
Date:	1/6/2020
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

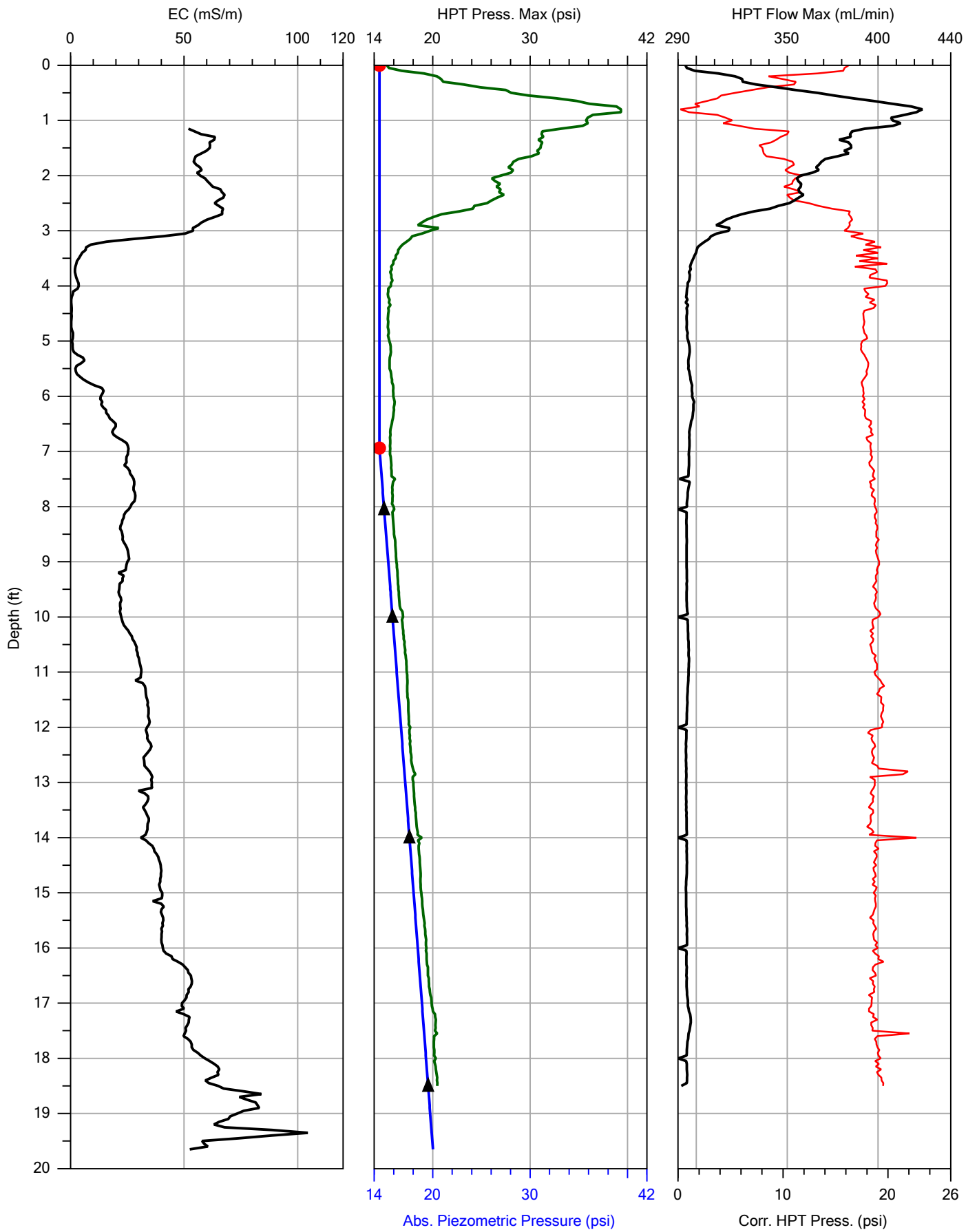
File:	GE-WAA-05.HPT
Date:	12/19/2019
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

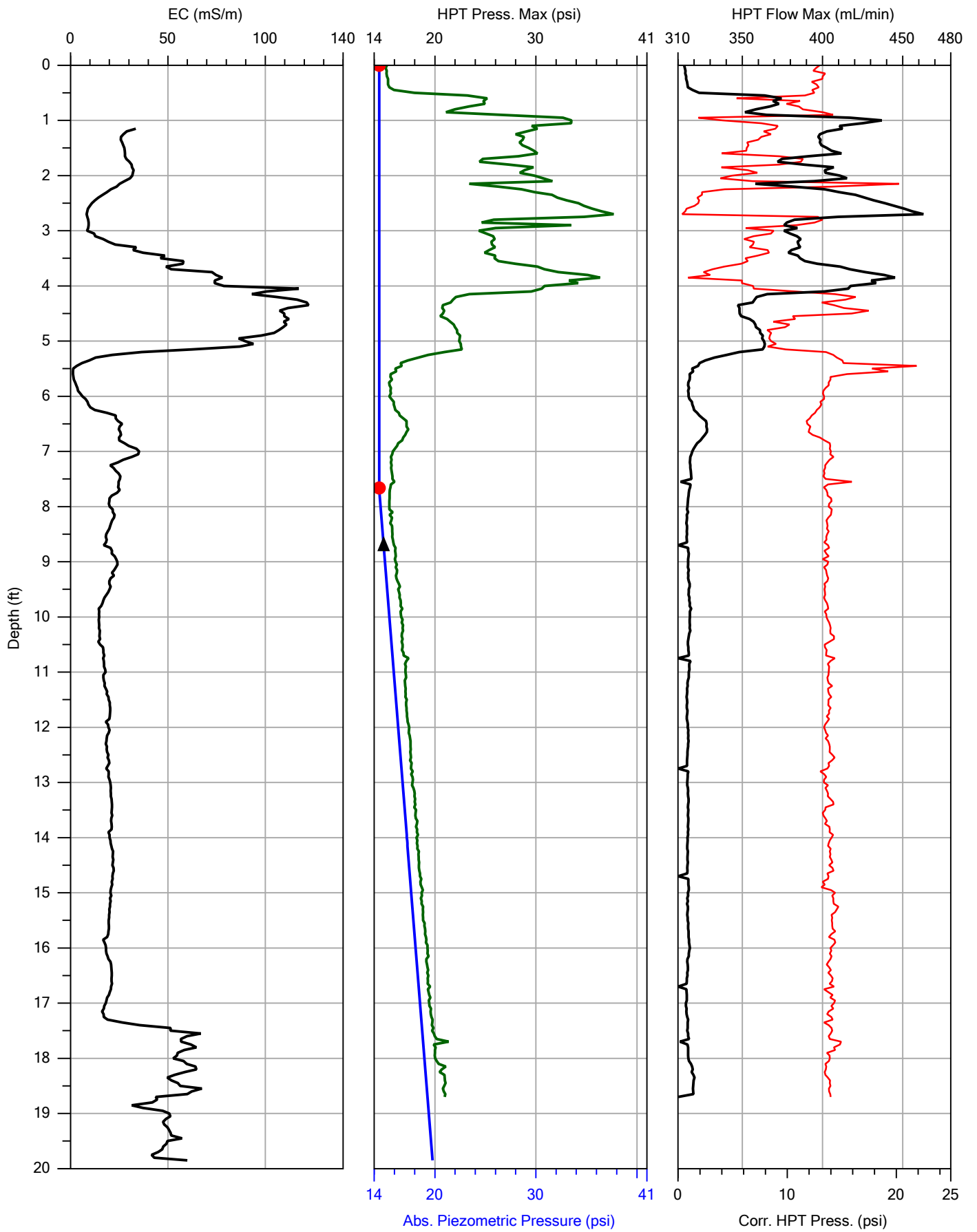
File:	GE-WAA-06.HPT
Date:	1/7/2020
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

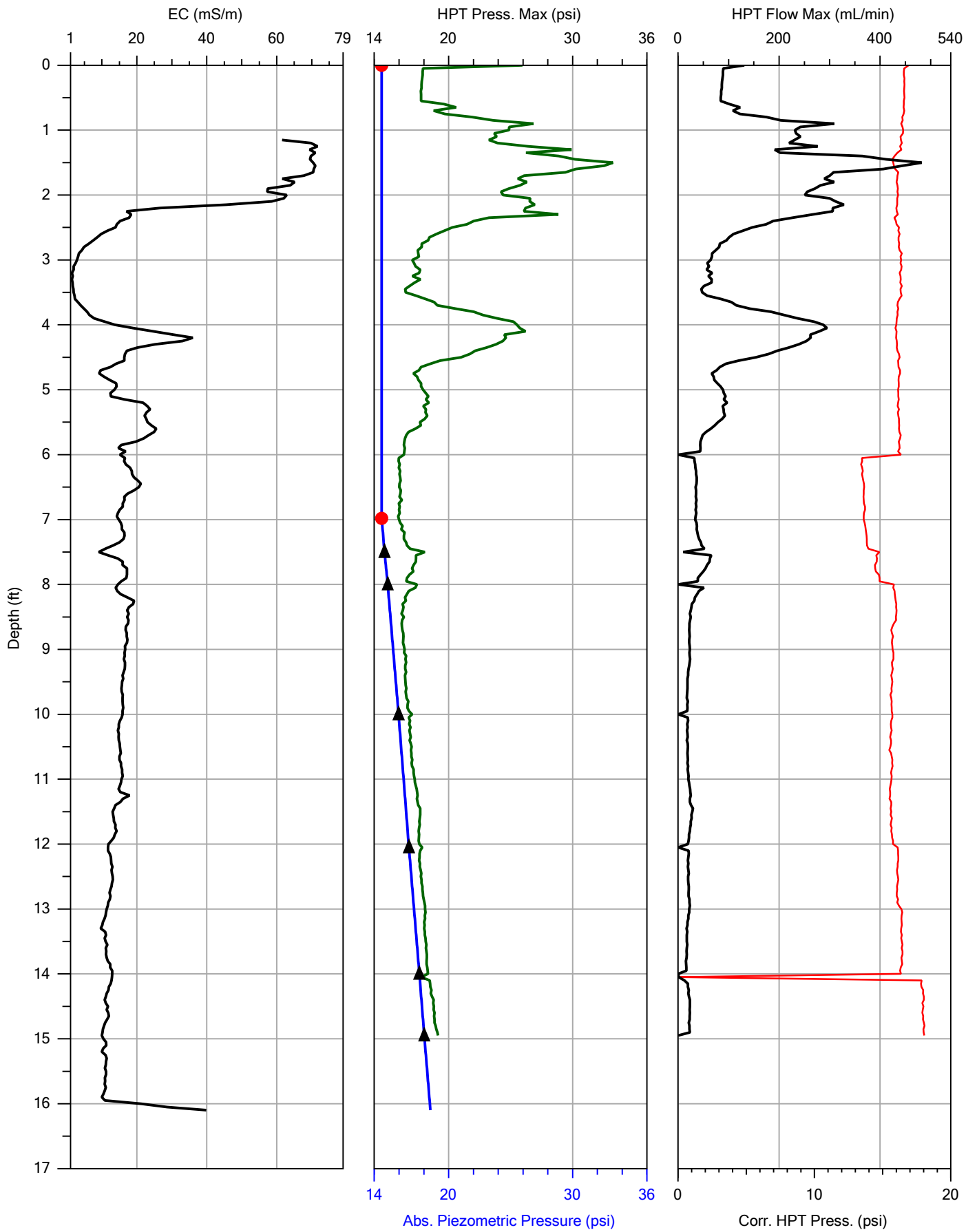
File:	GE-WAA-07.HPT
Date:	1/8/2020
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

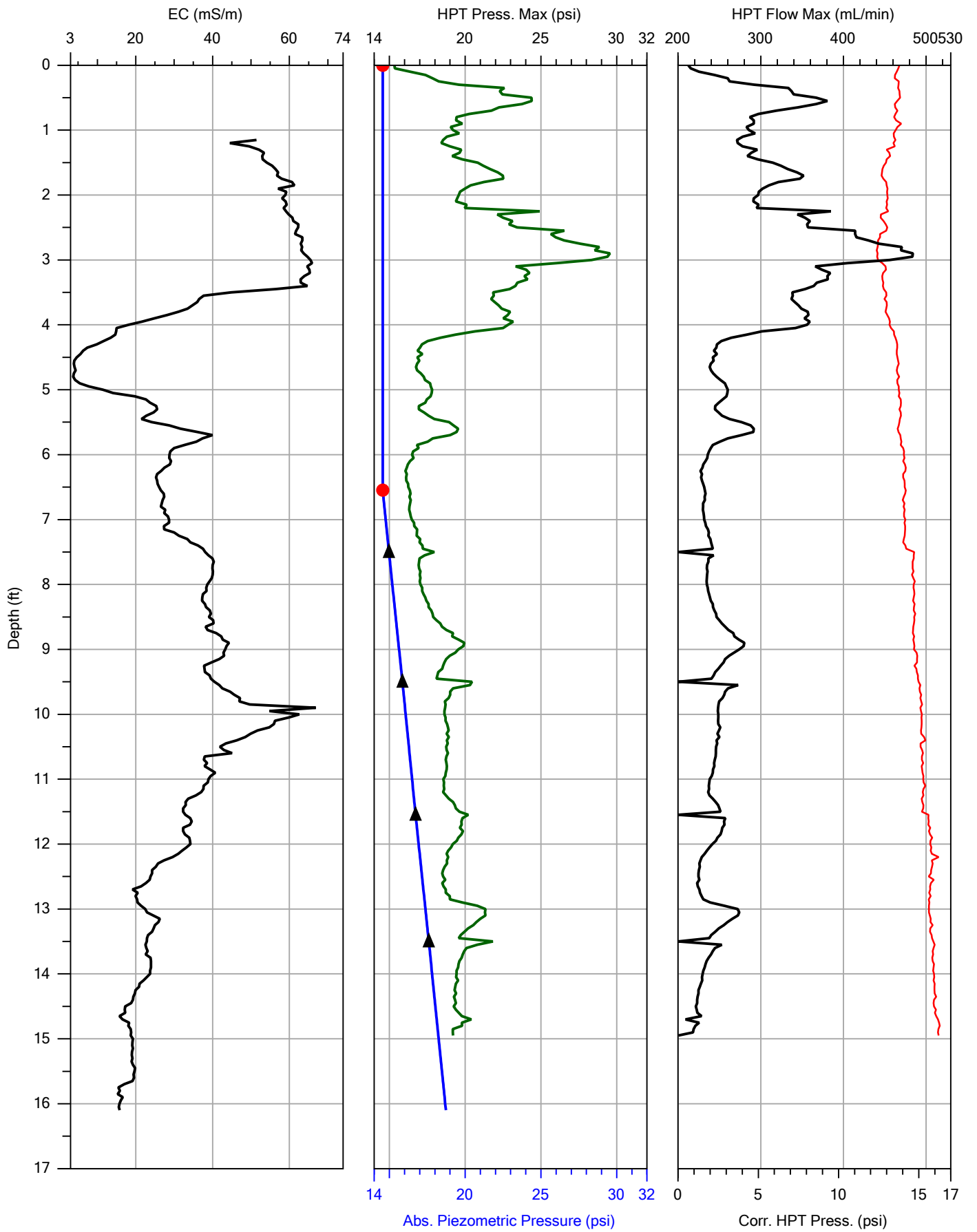
File:	GE-WAA-08.HPT
Date:	1/8/2020
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

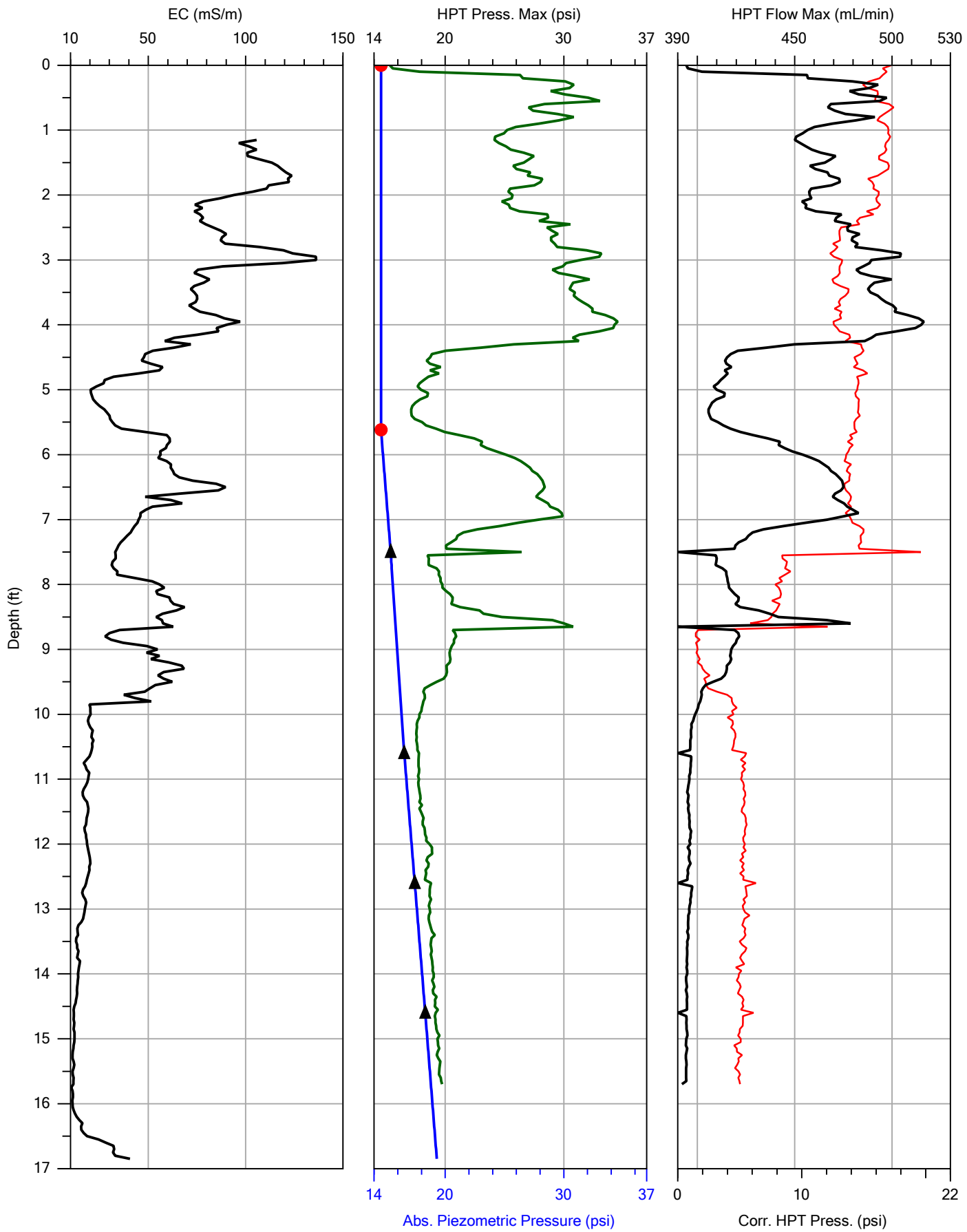
File:	GE-WAA-09.HPT
Date:	12/19/2019
Location:	Cimarron, OK



Company: Plains Environmental Services
 Project ID: CERT Vertical Profiling 2019

Operator: Jason A.
 Client: B&M

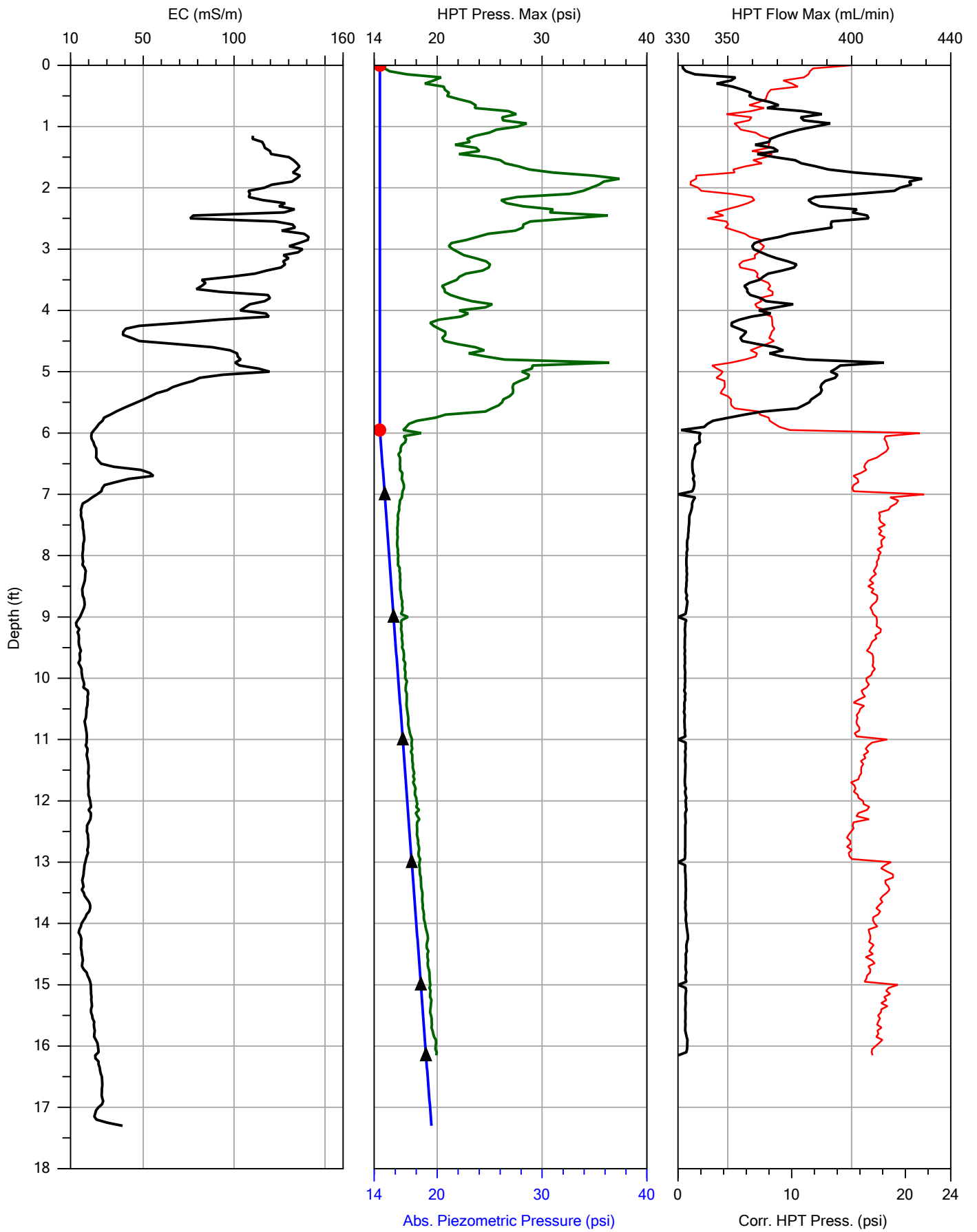
File:	GE-WAA-10.HPT
Date:	12/20/2019
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

File:	GE-WAA-11.HPT
Date:	12/20/2019
Location:	Cimarron, OK



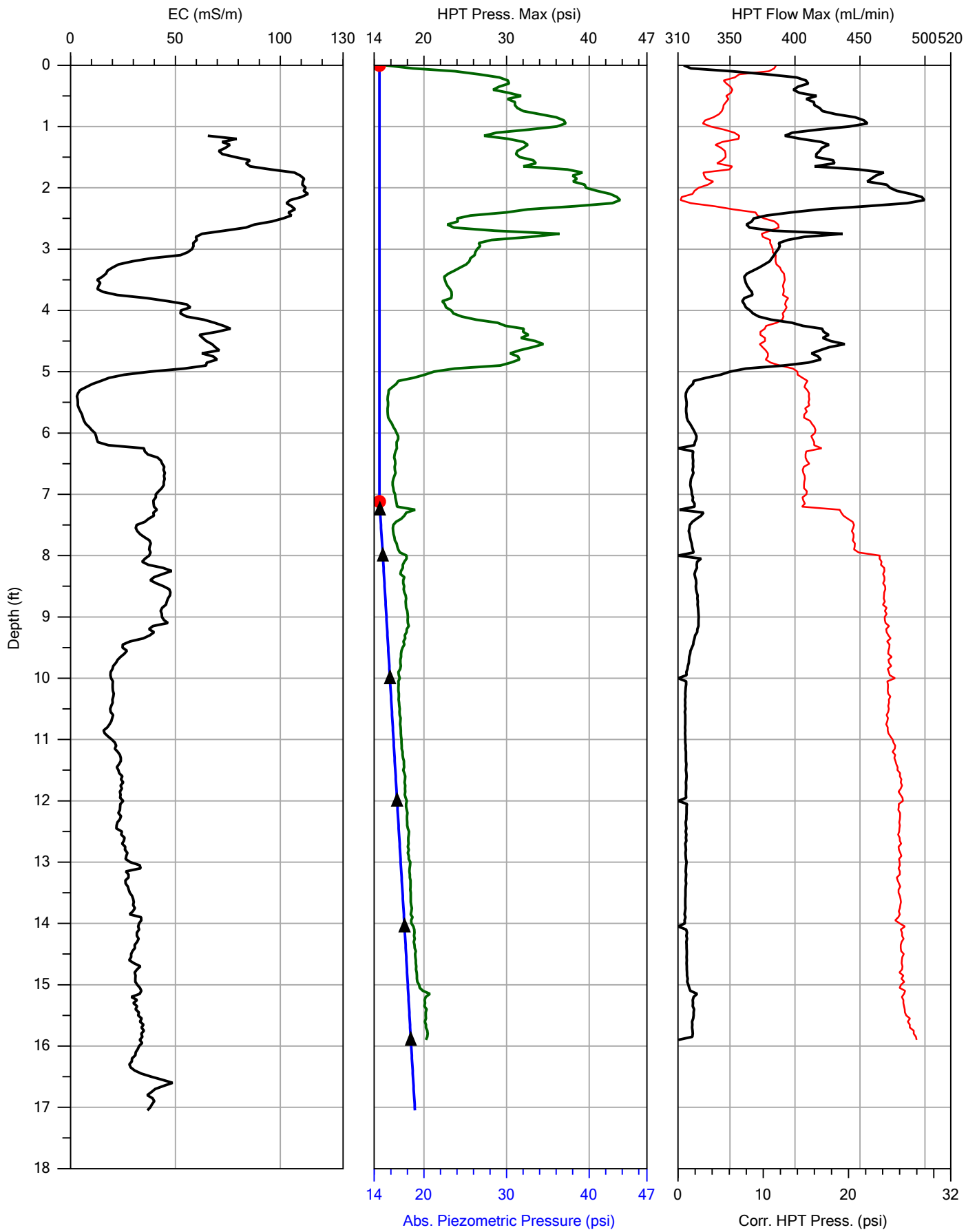
Company:
Plains Environmental Services

Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.

Client:
B&M

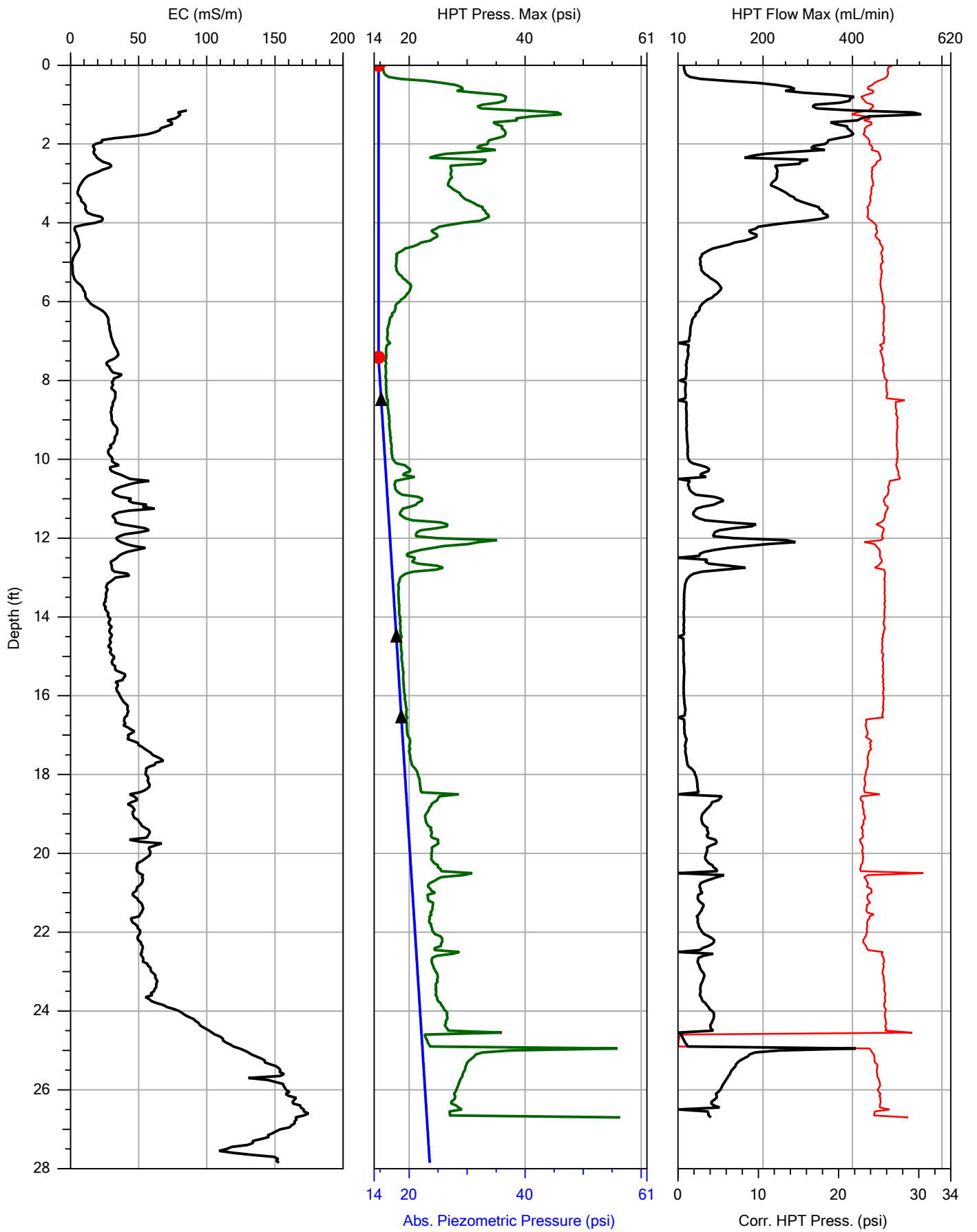
File:	GE-WAA-12.HPT
Date:	12/20/2019
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

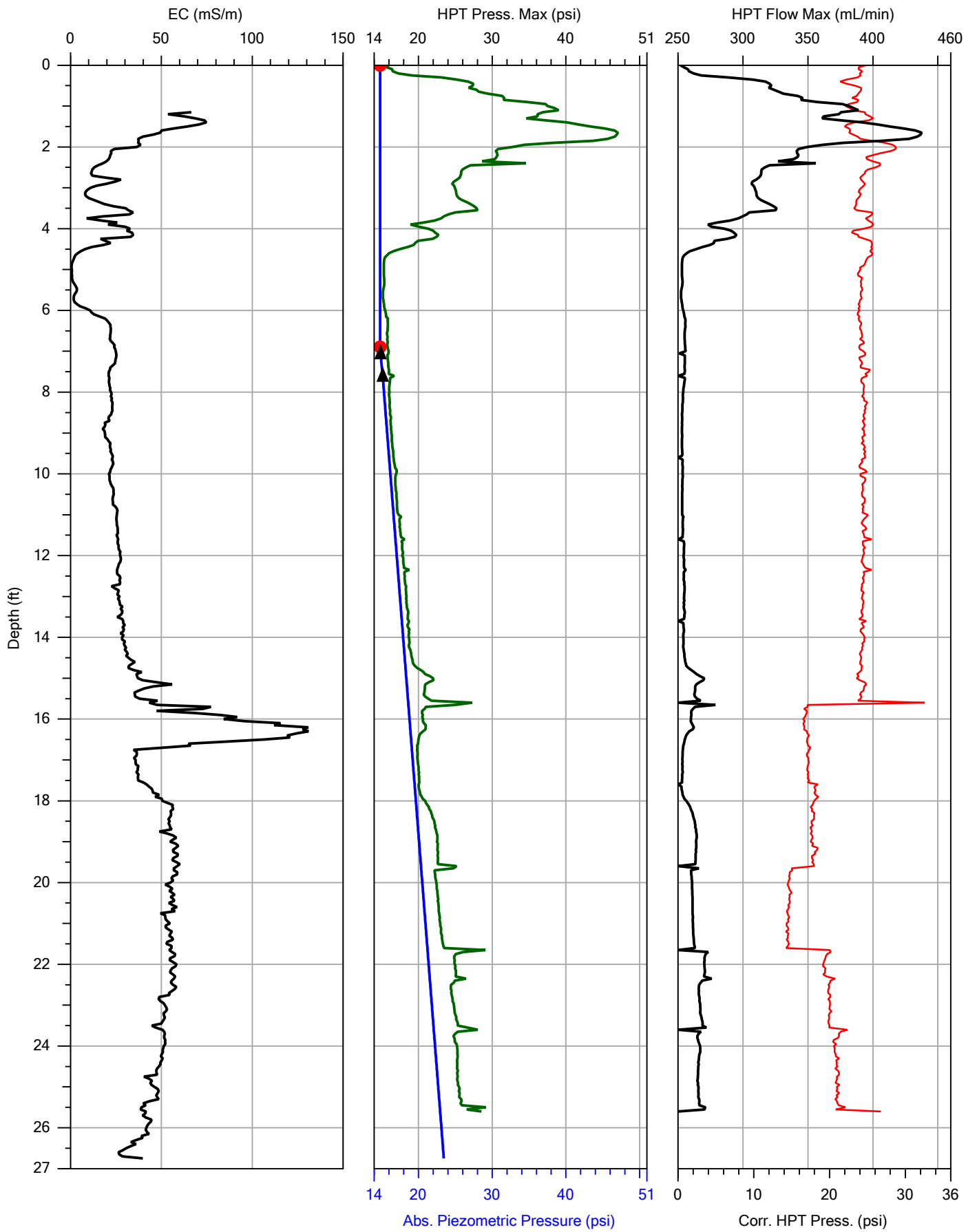
File:	GE-WAA-13.HPT
Date:	12/21/2019
Location:	Cimarron, OK



Company:
Plains Environmental Services
Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.
Client:
B&M

File:	GE-WAA-14.HPT
Date:	12/18/2019
Location:	Cimarron OK



Company:
Plains Environmental Services

Project ID:
CERT Vertical Profiling 2019

Operator:
Jason A.

Client:
B&M

File:	GE-WAA-15.HPT
Date:	12/17/2019
Location:	Cimarron OK

APPENDIX B – FIELD PARAMETER FORMS

Sample Location: GE-BA1-02

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.80

Well Depth (± 0.1 ft.): 19.35

Water Column (± 0.1 ft.): 10.55

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1542

Purge End Time: 1547

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.97	402	15.15	--	--
1000	7.04	393	15.23	--	--
1250	7.03	435	15.36	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1548

Weather: Low 60's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-02

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.80

Well Depth (± 0.1 ft.): 17.80

Water Column (± 0.1 ft.): 9.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1520

Purge End Time: 1525

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.82	874	15.24	--	--
1000	6.82	876	15.25	--	--
1250	6.82	878	15.23	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1526

Weather: Low 60's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-02

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.80

Well Depth (± 0.1 ft.): 15.80

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1507

Purge End Time: 1512

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.78	847	15.41	--	--
1000	6.76	891	15.42	--	--
1250	6.76	911	15.41	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/23/2019

Sample Time: 1513

Weather: Low 60's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-02

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.80

Well Depth (± 0.1 ft.): 13.80

Water Column (± 0.1 ft.): 5.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1458

Purge End Time: 1503

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.78	926	15.18	--	--
1000	6.76	945	15.22	--	--
1250	6.76	955	15.25	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1504

Weather: Low 60's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-02

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.80

Well Depth (± 0.1 ft.): 11.80

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1449

Purge End Time: 1454

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.78	1158	14.90	--	--
1000	6.76	1087	14.91	--	--
1250	6.76	1040	14.92	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1455

Weather: Low 60's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-02

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.80

Well Depth (± 0.1 ft.): 9.80

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1439

Purge End Time: 1444

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.59	1728	14.59	--	--
1000	6.60	1739	14.60	--	--
1250	6.63	1766	14.60	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1445

Weather: Low 60's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-03

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.40

Well Depth (± 0.1 ft.): 25.00

Water Column (± 0.1 ft.): 16.60

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1342

Purge End Time: 1350

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.29	0.459	16.56	--	--
1000	7.17	587	16.52	--	--
1250	6.86	862	16.43	--	--
1500	6.82	971	16.31	--	--
1750	6.75	1094	16.08	--	--
2000	6.75	1121	16.01	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1351

Weather: Upper 50's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-03

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.40

Well Depth (± 0.1 ft.): 23.40

Water Column (± 0.1 ft.): 15.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1335

Purge End Time: NA

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): NA

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: NA

Weather: Upper 50's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: NA

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water; No sample

Sample Location: GE-BA1-03

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.40

Well Depth (± 0.1 ft.): 21.40

Water Column (± 0.1 ft.): 13.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1328

Purge End Time: NA

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): NA

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/23/2019

Sample Time: NA

Weather: Upper 50's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: NA

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water; No sample

Sample Location: GE-BA1-03

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.40

Well Depth (± 0.1 ft.): 19.40

Water Column (± 0.1 ft.): 11.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1322

Purge End Time: NA

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): NA

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/23/2019

Sample Time: NA

Weather: Upper 50's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: NA

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water; No sample

Sample Location: GE-BA1-03

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.40

Well Depth (± 0.1 ft.): 17.40

Water Column (± 0.1 ft.): 9.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1312

Purge End Time: 1317

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.71	1105	16.49	--	--
1000	6.71	1177	16.36	--	--
1250	6.71	1191	16.35	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1318

Weather: Upper 50's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-03

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.40

Well Depth (± 0.1 ft.): 15.40

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1303

Purge End Time: 1308

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.71	1114	16.65	--	--
1000	6.71	1098	16.56	--	--
1250	6.71	1072	16.48	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1309

Weather: Upper 50's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-03

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.40

Well Depth (± 0.1 ft.): 13.40

Water Column (± 0.1 ft.): 5.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1253

Purge End Time: 1258

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.67	1228	16.31	--	--
1000	6.67	1247	16.32	--	--
1250	6.67	1259	16.26	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1259

Weather: Upper 50's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-03

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.40

Well Depth (± 0.1 ft.): 12.45

Water Column (± 0.1 ft.): 4.05

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1228

Purge End Time: 1241

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.66	1072	16.68	--	--
1000	6.67	1127	16.76	--	--
1250	6.67	1186	16.87	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/23/2019

Sample Time: 1242

Weather: Upper 50's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-03

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.40

Well Depth (± 0.1 ft.): 11.40

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1222

Purge End Time: NA

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): NA

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: NA

Weather: Upper 40's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: NA

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water; No sample

Sample Location: GE-BA1-03

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.40

Well Depth (± 0.1 ft.): 9.40

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1212

Purge End Time: NA

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): NA

Purge Volume (mL)	pH (std. units \pm 0.1)	Specific Conductivity (μS/cm to 3 sig. digits)	Temperature ($^{\circ}$C \pm 0.1$^{\circ}$)	Dissolved Oxygen (DO) (mg/l \pm 0.1)	Oxidation/Reduction Potential (ORP) (mV \pm 1)
Acceptance Criteria	3 samples \pm 0.1 unit	3 samples \pm 10 %	3 samples \pm 10 %	3 samples \pm 10 %	3 samples \pm 10 %

Sample Date: 12/23/2019

Sample Time: NA

Weather: Upper 40's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: NA

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water; No sample

Sample Location: GE-BA1-04

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.20

Well Depth (± 0.1 ft.): 25.50

Water Column (± 0.1 ft.): 17.30

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1025

Purge End Time: NA

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): NA

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: NA

Weather: Mid 30's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: NA

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-04

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.20

Well Depth (± 0.1 ft.): 21.50

Water Column (± 0.1 ft.): 13.30

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1005

Purge End Time: 1010

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.08	1397	11.39	--	--
1000	7.04	1437	12.00	--	--
1250	7.03	1448	12.11	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1011

Weather: Mid 30's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-04

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.20

Well Depth (± 0.1 ft.): 19.50

Water Column (± 0.1 ft.): 11.30

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 954

Purge End Time: 1001

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.22	1283	9.77	--	--
1000	7.14	1387	10.79	--	--
1250	7.14	1417	11.29	--	--
1500	7.03	1442	11.64	--	--
1725	7.07	1455	11.85	--	--
2000	7.03	1467	11.91	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 1002

Weather: Mid 30's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-04

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.20

Well Depth (± 0.1 ft.): 17.50

Water Column (± 0.1 ft.): 9.30

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 943

Purge End Time: 950

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1725

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.30	1335	10.46	--	--
1000	7.22	1332	11.,31	--	--
1250	7.16	1341	11.61	--	--
1500	7.11	1354	11.88	--	--
1725	7.07	1359	12.09	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/23/2019

Sample Time: 951

Weather: Mid 30's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-04

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.20

Well Depth (± 0.1 ft.): 15.50

Water Column (± 0.1 ft.): 7.30

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 932

Purge End Time: 940

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.43	1636	8.85	--	--
1000	7.39	1593	9.70	--	--
1250	7.35	1579	10.23	--	--
1500	7.25	1574	10.63	--	--
1725	7.22	1559	11.15	--	--
2000	7.17	1560	11.21	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 941

Weather: Mid 30's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-04

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.20

Well Depth (± 0.1 ft.): 13.50

Water Column (± 0.1 ft.): 5.30

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 920

Purge End Time: 929

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.79	1443	7.13	--	--
1000	7.64	1642	7.97	--	--
1250	7.53	1688	8.60	--	--
1500	7.48	1725	9.00	--	--
1725	7.42	1735	9.51	--	--
2000	7.36	1749	9.75	--	--
2250	7.34	1753	9.850	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 930

Weather: Mid 30's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-04

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.20

Well Depth (± 0.1 ft.): 11.50

Water Column (± 0.1 ft.): 3.30

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 907

Purge End Time: 913

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.70	1479	5.93	--	--
1000	7.67	1493	6.39	--	--
1250	7.65	1532	6.57	--	--
1500	7.64	1554	6.73	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 914

Weather: Mid 30's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-04

Purge Date: 12/23/2019

Depth to Water (± 0.1 ft.): 8.20

Well Depth (± 0.1 ft.): 9.50

Water Column (± 0.1 ft.): 1.30

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 857

Purge End Time: 902

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.75	1526	6.56	--	--
1000	7.72	1543	6.83	--	--
1250	7.69	1564	7.13	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/23/2019

Sample Time: 903

Weather: Mid 30's, Clear, Calm

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/23/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-05

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.37

Well Depth (± 0.1 ft.): 28.00

Water Column (± 0.1 ft.): 18.63

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1618

Purge End Time: 1632

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1725

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.67	1061	9.55	--	--
1000	7.61	1252	9.87	--	--
1250	7.58	1418	9.97	--	--
1500	7.57	1475	9.95	--	--
1725	7.57	1518	9.86		
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1633

Weather: Mid 40's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-05

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.37

Well Depth (± 0.1 ft.): 24.00

Water Column (± 0.1 ft.): 14.63

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

**Purge Start
Time:**

**Purge End
Time:**

*Note: Sample must be collected
within 24 hours of purge time.)*

Volume Purged (mL):

Purge Volume (mL)	pH (std. units \pm 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C \pm 0.1 $^{\circ}$)	Dissolved Oxygen (DO) (mg/l \pm 0.1)	Oxidation/Reduction Potential (ORP) (mV \pm 1)
				--	--
				--	--
				--	--
				--	--
Acceptance Criteria	3 samples \pm 0.1 unit	3 samples \pm 10 %	3 samples \pm 10 %	3 samples \pm 10 %	3 samples \pm 10 %

Sample Date: 12/22/2019

Sample Time:

Weather: Mid 40's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-05

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.37

Well Depth (± 0.1 ft.): 22.00

Water Column (± 0.1 ft.): 12.63

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1552

Purge End Time: 1558

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.40	1425	10.49	--	--
1000	7.39	1276	10.71	--	--
1250	7.37	1228	10.85	--	--
1500	7.36	1217	10.89	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1559

Weather: Mid 40's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-05

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.37

Well Depth (± 0.1 ft.): 20.00

Water Column (± 0.1 ft.): 10.63

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1542

Purge End Time: 1547

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.30	1630	10.72	--	--
1000	7.27	1655	10.95	--	--
1250	7.22	1700	10.98	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1548

Weather: Mid 40's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-05

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.37

Well Depth (± 0.1 ft.): 18.00

Water Column (± 0.1 ft.): 8.63

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1533

Purge End Time: 1538

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.24	1689	11.44	--	--
1000	7.20	1746	11.74	--	--
1250	7.17	1778	11.89	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/22/2019

Sample Time: 1539

Weather: Mid 40's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-05

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.37

Well Depth (± 0.1 ft.): 16.00

Water Column (± 0.1 ft.): 6.63

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1524

Purge End Time: 1529

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.31	1732	11.20	--	--
1000	7.30	1724	11.51	--	--
1250	7.28	1723	11.61	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1530

Weather: Mid 40's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-05

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.37

Well Depth (± 0.1 ft.): 14.00

Water Column (± 0.1 ft.): 4.63

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1513

Purge End Time: 1519

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.38	1759	11.39	--	--
1000	7.25	1830	11.74	--	--
1250	7.24	1842	11.80	--	--
1500	7.22	1855	11.89	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1520

Weather: Mid 40's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-05

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.37

Well Depth (± 0.1 ft.): 12.00

Water Column (± 0.1 ft.): 2.63

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1502

Purge End Time: 1508

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.46	2087	10.58	--	--
1000	7.48	1902	10.72	--	--
1250	7.49	1824	10.91	--	--
1500	7.49	1799	10.95	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1509

Weather: Mid 40's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-05

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.37

Well Depth (± 0.1 ft.): 10.00

Water Column (± 0.1 ft.): 0.63

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1453

Purge End Time: 1458

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.23	2649	11.32	--	--
1000	7.24	2753	11.32	--	--
1250	7.23	2810	11.29	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1459

Weather: Mid 40's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-06

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.10

Well Depth (± 0.1 ft.): 28.00

Water Column (± 0.1 ft.): 18.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1359

Purge End Time: 1405

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.98	1481	13.00	--	--
1000	6.95	1576	13.15	--	--
1250	6.91	1630	13.27	--	--
1500	6.90	1730	13.30	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1406

Weather: Low 50's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-06

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.10

Well Depth (± 0.1 ft.): 26.00

Water Column (± 0.1 ft.): 16.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1348

Purge End Time: 1353

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.87	1464	13.61	--	--
1000	6.87	1547	13.74	--	--
1250	6.84	1583	13.82	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1354

Weather: Low 50's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-06

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.10

Well Depth (± 0.1 ft.): 24.00

Water Column (± 0.1 ft.): 14.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1338

Purge End Time: 1343

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.86	1831	13.18	--	--
1000	6.85	1793	13.35	--	--
1250	6.84	1758	13.56	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1344

Weather: Low 50's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-06

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.10

Well Depth (± 0.1 ft.): 22.00

Water Column (± 0.1 ft.): 12.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1327

Purge End Time: 1333

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.99	1806	12.42	--	--
1000	6.92	1960	12.70	--	--
1250	6.88	2031	12.91	--	--
1500	6.86	2059	12.95	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/22/2019

Sample Time: 1334

Weather: Low 50's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-06

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.10

Well Depth (± 0.1 ft.): 20.00

Water Column (± 0.1 ft.): 10.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1311

Purge End Time: 1321

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.08	1672	10.98	--	--
1000	7.08	1726	11.11	--	--
1250	7.06	1797	11.18	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1322

Weather: Low 50's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-06

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.10

Well Depth (± 0.1 ft.): 18.00

Water Column (± 0.1 ft.): 8.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1302

Purge End Time: 1307

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.04	1771	11.10	--	--
1000	7.01	1742	11.54	--	--
1250	6.99	1750	11.80	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1308

Weather: Low 50's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-06

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.10

Well Depth (± 0.1 ft.): 16.00

Water Column (± 0.1 ft.): 6.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1251

Purge End Time: 1257

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.17	2047	10.28	--	--
1000	7.08	2243	10.75	--	--
1250	7.05	2316	11.06	--	--
1500	7.02	2342	11.37	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1258

Weather: Low 50's, Sunny, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-06

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.10

Well Depth (± 0.1 ft.): 14.00

Water Column (± 0.1 ft.): 4.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1239

Purge End Time: 1247

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.31	2496	7.99	--	--
1000	7.30	2488	9.60	--	--
1250	7.23	2648	10.25	--	--
1500	7.17	2679	10.82	--	--
1725	7.15	2692	11.29	--	--
2000	7.09	2716	11.44	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1248

Weather: Mid 40's, Partly Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-06

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 9.10

Well Depth (± 0.1 ft.): 12.00

Water Column (± 0.1 ft.): 2.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1228

Purge End Time: 1234

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.26	2184	8.92	--	--
1000	7.23	2375	9.36	--	--
1250	7.18	2516	9.84	--	--
1500	7.15	2564	10.09	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1235

Weather: Mid 40's, Partly Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-06 **Purge Date:** 12/22/2019
Depth to Water (± 0.1 ft.): 9.10 **Well Depth (± 0.1 ft.):** 10.00
Water Column (± 0.1 ft.): 0.90 **Casing Volume (± 1 mL):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1214 **Purge End Time:** 1222 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.53	1223	7.06	--	--
1000	7.36	1632	8.13	--	--
1250	7.32	1710	8.57	--	--
1500	7.25	1786	8.91	--	--
1725	7.22	1826	9.11	--	--
2000	7.19	1848	9.23	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/22/2019 **Sample Time:** 1223
Weather: Mid 40's, Partly Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-07

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 8.70

Well Depth (± 0.1 ft.): 27.70

Water Column (± 0.1 ft.): 19.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1015

Purge End Time: 1022

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL):

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.67	1334	7.34	--	--
1000	7.67	1365	7.58	--	--
1250	7.64	1405	8.60	--	--
1500	7.59	1473	9.07	--	--
1725	7.57	1501	9.16	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1023

Weather: Low 40's, Cloudy/Foggy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-07

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 8.70

Well Depth (± 0.1 ft.): 25.70

Water Column (± 0.1 ft.): 17.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1003

Purge End Time: 1009

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.60	1460	8.33	--	--
1000	7.53	1535	8.89	--	--
1250	7.51	1549	9.20	--	--
1500	7.49	15669	9.41	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 1010

Weather: Low 40's, Cloudy/Foggy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-07

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 8.70

Well Depth (± 0.1 ft.): 23.70

Water Column (± 0.1 ft.): 15.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 944

Purge End Time: 949

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.70	1431	8.80	--	--
1000	7.65	1481	9.16	--	--
1250	7.57	1512	9.63	--	--
1500	7.52	1530	9.91	--	--
1725	7.46	1554	10.05	--	--
2000	7.43	1563	10.25	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 950

Weather: Low 40's, Cloudy/Foggy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-07

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 8.70

Well Depth (± 0.1 ft.): 21.70

Water Column (± 0.1 ft.): 13.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 934

Purge End Time: 939

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.67	1455	8.91	--	--
1000	7.65	1461	9.19	--	--
1250	7.63	1468	9.50	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 940

Weather: Low 40's, Cloudy/Foggy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-07

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 8.70

Well Depth (± 0.1 ft.): 19.70

Water Column (± 0.1 ft.): 11.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 923

Purge End Time: 929

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.73	1468	7.87	--	--
1000	7.68	1585	8.64	--	--
1250	7.64	1630	9.05	--	--
1500	7.59	1666	9.43	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 930

Weather: Low 40's, Cloudy/Foggy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-07

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 8.70

Well Depth (± 0.1 ft.): 17.70

Water Column (± 0.1 ft.): 9.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 912

Purge End Time: 918

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.74	1389	6.88	--	--
1000	7.68	1549	8.01	--	--
1250	7.65	1618	8.21	--	--
1500	7.60	1690	8.76	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 919

Weather: Low 40's, Cloudy/Foggy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-07

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 8.70

Well Depth (± 0.1 ft.): 15.70

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 901

Purge End Time: 907

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1725

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.64	1654	8.37	--	--
1000	7.66	1762	8.98	--	--
1250	7.49	1852	9.51	--	--
1500	7.45	1888	9.83	--	--
1725	7.43	1900	9.89	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 908

Weather: Low 40's, Cloudy/Foggy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-07

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 8.70

Well Depth (± 0.1 ft.): 13.70

Water Column (± 0.1 ft.): 5.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 848

Purge End Time: 857

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.90	1749	6.15	--	--
1000	7.83	1773	7.27	--	--
1250	7.76	1781	7.97	--	--
1500	7.66	1809	8.74	--	--
1725	7.60	1831	9.04	--	--
2000	7.55	1834	9.43	--	--
2250	7.52	1837	9.54	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/22/2019

Sample Time: 858

Weather: Low 40's, Cloudy/Foggy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-07

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 8.70

Well Depth (± 0.1 ft.): 11.70

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 833

Purge End Time: 842

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.85	1715	6.23	--	--
1000	7.79	1799	7.89	--	--
1250	7.74	1831	8.13	--	--
1500	7.67	1856	8.73	--	--
1725	7.63	1855	9.18	--	--
2000	7.57	1878	9.2	--	--
2250	7.55	1880	9.5	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/22/2019

Sample Time: 843

Weather: Low 40's, Cloudy/Foggy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-07

Purge Date: 12/22/2019

Depth to Water (± 0.1 ft.): 8.70

Well Depth (± 0.1 ft.): 9.70

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 820

Purge End Time: 828

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.88	1494	5.75	--	--
1000	7.81	1636	6.67	--	--
1250	7.77	1688	7.25	--	--
1500	7.69	1765	7.76	--	--
1725	7.65	1795	8.00	--	--
2000	7.62	1815	8.16	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/22/2019

Sample Time: 829

Weather: Low 40's, Cloudy/Foggy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/22/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-08

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 9.70

Well Depth (± 0.1 ft.): 29.15

Water Column (± 0.1 ft.): 19.45

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1615

Purge End Time: 1623

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.22	1472	10.95	--	--
1000	7.14	1501	11.33	--	--
1250	7.04	1626	11.49	--	--
1500	6.97	1701	11.81	--	--
1725.00	6.93	1753	11.910	--	--
2000	6.90	1781	12.030	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1624

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-08

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 9.70

Well Depth (± 0.1 ft.): 26.60

Water Column (± 0.1 ft.): 16.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1550

Purge End Time:

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL):

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/21/2019

Sample Time:

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample collected

Sample Location: GE-BA1-08

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 9.70

Well Depth (± 0.1 ft.): 24.60

Water Column (± 0.1 ft.): 14.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1540

Purge End Time: 1545

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.19	1568	10.53	--	--
1000	7.21	1582	10.64	--	--
1250	7.16	1635	10.83	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/21/2019

Sample Time: 1546

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-08

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 9.70

Well Depth (± 0.1 ft.): 22.60

Water Column (± 0.1 ft.): 12.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1528

Purge End Time: 1533

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.99	1645	11.10	--	--
1000	6.98	1654	11.43	--	--
1250	6.95	1675	11.66	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1534

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-08

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 9.70

Well Depth (± 0.1 ft.): 20.60

Water Column (± 0.1 ft.): 10.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1517

Purge End Time: 1524

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1725

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.05	1614	11.19	--	--
1000	7.01	1720	11.62	--	--
1250	6.92	1776	12.04	--	--
1500	6.87	1806	12.35	--	--
1725	6.84	1827	12.40	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1525

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-08

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 9.70

Well Depth (± 0.1 ft.): 18.60

Water Column (± 0.1 ft.): 8.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1506

Purge End Time: 1512

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.27	1030	10.63	--	--
1000	7.23	1135	10.81	--	--
1250	7.19	1215	10.92	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1513

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-08

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 9.70

Well Depth (± 0.1 ft.): 16.60

Water Column (± 0.1 ft.): 6.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1457

Purge End Time: 1502

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.18	1083	10.97	--	--
1000	7.15	1059	11.29	--	--
1250	7.13	1057	11.48	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1503

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-08

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 9.70

Well Depth (± 0.1 ft.): 14.60

Water Column (± 0.1 ft.): 4.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1445

Purge End Time: 1452

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1725

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.17	1331	11.08	--	--
1000	7.13	1335	11.40	--	--
1250	7.07	1327	11.64	--	--
1500	7.03	1317	11.88	--	--
1725	7.00	1312	11.930	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1453

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-08

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 9.70

Well Depth (± 0.1 ft.): 12.60

Water Column (± 0.1 ft.): 2.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1434

Purge End Time: 1440

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1725

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.33	1.305	9.58	--	--
1000	7.32	1254	10.07	--	--
1250	7.25	1261	10.67	--	--
1500	7.20	1286	10.92	--	--
1725	7.17	1302	11.08	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/21/2019

Sample Time: 1441

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-08

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 9.70

Well Depth (± 0.1 ft.): 10.60

Water Column (± 0.1 ft.): 0.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1419

Purge End Time: 1427

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.32	1372	9.22	--	--
1000	7.24	1495	9.70	--	--
1250	7.22	1563	10.16	--	--
1500	7.17	1626	10.57	--	--
1725.0	7.11	1679	10.80	--	--
2000	7.06	1698	10.93	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1428

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-09

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 5.50

Well Depth (± 0.1 ft.): 24.50

Water Column (± 0.1 ft.): 19.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1229

Purge End Time: 1237

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.09	1446	11.15	--	--
1000	7.03	1560	11.59	--	--
1250	6.94	1661	11.90	--	--
1500	6.89	1692	12.12	--	--
1725.00	6.83	1725	12.320	--	--
2000	6.81	1738	12.480	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1238

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-09

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 5.50

Well Depth (± 0.1 ft.): 20.50

Water Column (± 0.1 ft.): 15.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1205

Purge End Time: 1210

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.36	1142	9.73	--	--
1000	7.34	1148	9.96	--	--
1250	7.32	1149	10.19	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1211

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-09

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 5.50

Well Depth (± 0.1 ft.): 18.50

Water Column (± 0.1 ft.): 13.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1153

Purge End Time: 1158

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.26	1280	9.82	--	--
1000	7.25	1314	9.98	--	--
1250	7.23	1339	10.24	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1159

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-09

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 5.50

Well Depth (± 0.1 ft.): 16.50

Water Column (± 0.1 ft.): 11.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1141

Purge End Time: 1147

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.19	1459	9.76	--	--
1000	7.15	1483	10.52	--	--
1250	7.13	1490	10.73	--	--
1500	7.1	1496	10.99	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1148

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-09

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 5.50

Well Depth (± 0.1 ft.): 14.50

Water Column (± 0.1 ft.): 9.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1129

Purge End Time: 1134

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.16	1442	10.27	--	--
1000	7.11	1451	10.93	--	--
1250	7.08	1464	11.13	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1135

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-09

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 5.50

Well Depth (± 0.1 ft.): 12.50

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1117

Purge End Time: 1124

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1725

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.30	1433	9.62	--	--
1000	7.20	1466	10.07	--	--
1250	7.35	1491	10.34	--	--
1500	7.38	1503	10.49	--	--
1725	7.39	1511	10.63		
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1125

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-09

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 5.50

Well Depth (± 0.1 ft.): 10.50

Water Column (± 0.1 ft.): 5.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1107

Purge End Time: 1112

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.13	1472	9.28	--	--
1000	7.11	1487	9.87	--	--
1250	7.07	1507	10.10	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1113

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-09

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 5.50

Well Depth (± 0.1 ft.): 8.50

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1055

Purge End Time: 1102

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1725

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.38	1508	7.60	--	--
1000	7.35	1491	8.03	--	--
1250	7.25	1482	8.87	--	--
1500	7.22	1474	9.18	--	--
1725.0	7.17	1476	9.36	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/21/2019

Sample Time: 1103

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-BA1-09

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 5.50

Well Depth (± 0.1 ft.): 6.50

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1043

Purge End Time: 1048

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.33	1556	8.39	--	--
1000	7.29	1570	8.67	--	--
1250	7.28	1579	8.75	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 1049

Weather: Upper 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-01

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 26.60

Water Column (± 0.1 ft.): 18.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1635

Purge End Time: 1644

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.66	743	14.16	--	--
1000	6.44	912	14.47	--	--
1250	6.36	1089	14.70	--	--
1500	6.35	1239	14.77	--	--
1750	6.36	1369	14.90	--	--
2000	6.37	1465	14.93	--	--
2250	6.38	1566	14.95	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1645

Weather: Mid 50's, west 5-10 mph, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-01

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 22.70

Water Column (± 0.1 ft.): 15.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1623

Purge End Time: NA

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): NA

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: NA

Weather: Mid 50's, west 5-10 mph, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: NA

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water; No sample

Sample Location: GE-WAA-01

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 20.70

Water Column (± 0.1 ft.): 13.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1616

Purge End Time: NA

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): NA

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: NA

Weather: Mid 50's, west 5-10 mph, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: NA

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water; No sample

Sample Location: GE-WAA-01

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 18.70

Water Column (± 0.1 ft.): 11.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1605

Purge End Time: 1610

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.45	1184	14.26	--	--
1000	6.39	1251	14.57	--	--
1250	6.39	1252	14.70	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1611

Weather: Mid 50's, west 5-10 mph, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-01

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 16.70

Water Column (± 0.1 ft.): 9.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1555

Purge End Time: 1601

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.47	1103	15.03	--	--
1000	6.43	1183	15.17	--	--
1250	6.43	1245	15.27	--	--
1500	6.43	1277	15.32	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 1/6/2020

Sample Time: 1602

Weather: Mid 50's, west 5-10 mph, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-01

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 14.70

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1545

Purge End Time: 1551

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.60	1069	14.75	--	--
1000	6.46	1183	14.93	--	--
1250	6.42	1223	15.08	--	--
1500	6.41	1244	15.15	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1552

Weather: Mid 50's, west 5-10 mph, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-01

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 12.70

Water Column (± 0.1 ft.): 5.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1534

Purge End Time: 1541

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.58	1067	14.42	--	--
1000	6.51	894	14.71	--	--
1250	6.43	1169	15.02	--	--
1500	6.37	1199	15.30	--	--
1750	6.41	1210	15.430	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1542

Weather: Mid 50's, west 5-10 mph, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-01

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 10.70

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1522

Purge End Time: 1530

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.57	1216	14.55	--	--
1000	6.45	1250	14.62	--	--
1250	6.40	1314	14.67	--	--
1500	6.39	1338	14.72	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1531

Weather: Mid 50's, west 5-10 mph, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-01

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 8.70

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1510

Purge End Time: 1517

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.41	1311	15.14	--	--
1000	6.42	1393	15.03	--	--
1250	6.43	1481	14.79	--	--
1500	6.43	1540	14.76	--	--
1725	6.43	1578	14.71	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1518

Weather: Mid 50's, west 5-10 mph, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-02

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.50

Well Depth (± 0.1 ft.): 26.50

Water Column (± 0.1 ft.): 19.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1134

Purge End Time: 1140

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.84	2645	17.49	--	--
1000	6.78	2733	17.53	--	--
1250	6.73	2820	17.68	--	--
1500	6.7	2898	17.72	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1141

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-02

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.50

Well Depth (± 0.1 ft.): 22.50

Water Column (± 0.1 ft.): 15.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1123

Purge End Time: NA

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): NA

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: NA

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: NA

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water; No sample

Sample Location: GE-WAA-02

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.50

Well Depth (± 0.1 ft.): 20.50

Water Column (± 0.1 ft.): 13.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1101

Purge End Time: 1115

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.66	950	18.03	--	--
1000	6.65	1007	18.06	--	--
1250	6.64	1068	18.17	--	--
1500	6.66	1126	18.27	--	--
1750	6.67	1157	18.40	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1116

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-02

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.50

Well Depth (± 0.1 ft.): 18.50

Water Column (± 0.1 ft.): 11.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1041

Purge End Time: 1053

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.86	812	16.20	--	--
1000	8.84	863	16.33	--	--
1250	6.84	940	16.52	--	--
1500	6.86	1023	16.64	--	--
1750	6.87	1109	16.68	--	--
2000	6.87	1120	16.75	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1054

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-02

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.50

Well Depth (± 0.1 ft.): 16.50

Water Column (± 0.1 ft.): 9.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1022

Purge End Time: 1027

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.29	977	15.47	--	--
1000	7.25	983	15.54	--	--
1250	7.22	998	15.59	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1028

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-02

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.50

Well Depth (± 0.1 ft.): 14.50

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1013

Purge End Time: 1018

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.13	1113	15.37	--	--
1000	7.07	1163	15.70	--	--
1250	7.07	1198	15.91	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1019

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-02

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.50

Well Depth (± 0.1 ft.): 12.50

Water Column (± 0.1 ft.): 5.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1004

Purge End Time: 1009

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.12	1160	15.19	--	--
1000	7.08	1180	15.34	--	--
1250	7.05	1196	15.50	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1010

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-02

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.50

Well Depth (± 0.1 ft.): 10.50

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 954

Purge End Time: 1000

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μS/cm to 3 sig. digits)	Temperature ($^{\circ}$C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.09	1030	14.23	--	--
1000	7.00	1077	14.50	--	--
1250	6.98	1117	14.65	--	--
1500	6.96	1159	14.71	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 1/7/2020

Sample Time: 1001

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-02

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.50

Well Depth (± 0.1 ft.): 8.50

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 942

Purge End Time: 949

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.53	1020	13.48	--	--
1000	6.67	1084	13.56	--	--
1250	6.74	1121	13.62	--	--
1500	6.79	1148	13.77	--	--
1750	6.83	1169	13.86	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 950

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-03

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 9.30

Well Depth (± 0.1 ft.): 18.30

Water Column (± 0.1 ft.): 9.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1408

Purge End Time: 1413

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.11	1147	17.09	--	--
1000	7.10	1190	16.86	--	--
1250	7.09	1212	16.72	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1414

Weather: Low 60's, southwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-03

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 9.30

Well Depth (± 0.1 ft.): 16.30

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1358

Purge End Time: 1403

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250.00

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.14	973	17.30	--	--
1000	7.08	980	17.25	--	--
1250	7.07	997	17.10	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1404

Weather: Low 60's, southwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-03

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 9.30

Well Depth (± 0.1 ft.): 14.30

Water Column (± 0.1 ft.): 5.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1348

Purge End Time: 1353

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.13	1060	16.95	--	--
1000	7.17	1046	16.84	--	--
1250	7.12	1046	16.76	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1354

Weather: Low 60's, southwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-03

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 9.30

Well Depth (± 0.1 ft.): 12.30

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1338

Purge End Time: 1344

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.97	1041	16.82	--	--
1000	6.92	1135	16.70	--	--
1250	6.95	1177	16.51	--	--
1500	6.95	1195	16.41	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1345

Weather: Low 60's, southwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-03

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 9.30

Well Depth (± 0.1 ft.): 10.30

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1327

Purge End Time: 1333

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.98	1292	16.26	--	--
1000	6.87	1329	16.02	--	--
1250	6.87	1344	15.93	--	--
1500	6.86	1351	15.90	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1334

Weather: Low 60's, southwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-04

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 25.75

Water Column (± 0.1 ft.): 18.75

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1349

Purge End Time: 1356

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.54	2924	16.51	--	--
1000	7.44	3250	16.39	--	--
1250	7.38	4040	16.42	--	--
1500	7.36	4100	16.43	--	--
1750	7.34	4211	16.45	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1357

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-04

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 22.00

Water Column (± 0.1 ft.): 15.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1327

Purge End Time: 1334

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.03	2408	15.85	--	--
1000	6.97	2840	15.92	--	--
1250	6.97	3033	15.93	--	--
1500	6.95	3225	15.93	--	--
1750	6.95	3290	15.96	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1335

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-04

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 20.00

Water Column (± 0.1 ft.): 13.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1312

Purge End Time: 1320

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.83	2547	15.04	--	--
1000	6.80	2633	15.11	--	--
1250	6.79	2715	15.13	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1321

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-04

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 18.00

Water Column (± 0.1 ft.): 11.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1250

Purge End Time: 1305

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.76	2075	14.73	--	--
1000	6.72	2370	14.75	--	--
1250	6.71	2687	14.82	--	--
1500	6.71	2975	14.89	--	--
1750	6.70	3.166	14.93	--	--
2000	6.71	3250	14.94	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1306

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-04

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 16.00

Water Column (± 0.1 ft.): 9.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1238

Purge End Time: 1245

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.55	2457	14.95	--	--
1000	6.54	2865	15.32	--	--
1250	6.55	3036	15.52	--	--
1500	6.55	3192	15.69	--	--
1750	6.56	3272	15.81	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1246

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-04

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 14.00

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1231

Purge End Time: NA

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): NA

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
				--	--
				--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 1/6/2020

Sample Time: NA

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: NA

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water; No sample

Sample Location: GE-WAA-04

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 12.00

Water Column (± 0.1 ft.): 5.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1222

Purge End Time: 1227

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.46	1022	14.21	--	--
1000	6.39	1149	14.44	--	--
1250	6.41	1206	14.57	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1228

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-04

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 10.00

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1211

Purge End Time: 1216

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250.00

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.34	1283	13.50	--	--
1000	6.31	1308	13.72	--	--
1250	6.32	1327	13.80	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1217

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-04

Purge Date: 1/6/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 8.00

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1156

Purge End Time: 1203

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750.0

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.05	1349	12.62	--	--
1000	6.18	1613	12.70	--	--
1250	6.26	1718	12.77	--	--
1500	6.28	1761	12.80	--	--
1750	6.31	1806	12.83	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/6/2020

Sample Time: 1204

Weather: Upper 40's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/6/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-5 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 11.50 **Well Depth (± 0.1 ft.):** 16.50
Water Column (± 0.1 ft.): 5.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 931 **Purge End Time:** 937 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	8.09	1.068	9.67	--	--
1000.00	8.05	1.11	10.06	--	--
1250.00	8.01	1.131	10.55	--	--
1500.00	7.96	1.14	10.91	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/19/2019 **Sample Time:** 938
Weather: Upper 30's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Slightly Cludy
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-5 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 11.50 **Well Depth (± 0.1 ft.):** 18.50
Water Column (± 0.1 ft.): 7.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 945 **Purge End Time:** 952 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	8.04	0.983	9.52	--	--
1000.00	8.01	0.965	10.13	--	--
1250.00	7.98	0.943	10.84	--	--
1500.00	7.94	0.934	11.07	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/19/2019 **Sample Time:** 953
Weather: Upper 30's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-5 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 11.50 **Well Depth (± 0.1 ft.):** 20.50
Water Column (± 0.1 ft.): 9.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 958 **Purge End Time:** 1004 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	8.00	0.845	10.01	--	--
1000.00	7.98	0.876	10.01	--	--
1250.00	7.95	0.905	9.95	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/19/2019 **Sample Time:** 1005
Weather: Upper 30's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-5 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 11.50 **Well Depth (± 0.1 ft.):** 22.50
Water Column (± 0.1 ft.): 11.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1016 **Purge End Time:** 1023 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	7.95	0.957	10.39	--	--
1000.00	7.91	0.992	10.67	--	--
1250.00	7.87	1.015	10.83	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/19/2019 **Sample Time:** 1024
Weather: Mid 40's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-5 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 11.50 **Well Depth (± 0.1 ft.):** 24.50
Water Column (± 0.1 ft.): 13.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1031 **Purge End Time:** 1037
Note: Sample must be collected within 24 hours of purge time.)
Volume Purged (mL):

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	7.80	1.051	11.88	--	--
1000.00	7.77	1.114	12.09	--	--
1250.00	7.76	1.16	12.25	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/19/2019 **Sample Time:** 1038
Weather: Mid 40's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-5 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 11.50 **Well Depth (± 0.1 ft.):** 26.50
Water Column (± 0.1 ft.): 15.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1041 **Purge End Time:** 1049 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	7.75	1.38	12.430	--	--
1000.00	7.72	1.483	12.710	--	--
1250.00	7.71	1.512	12.790	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/19/2019 **Sample Time:** 1050
Weather: Upper 40's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-5 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 11.50 **Well Depth (± 0.1 ft.):** 28.50
Water Column (± 0.1 ft.): 17.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1055 **Purge End Time:** 1100 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	7.78	1.523	11.82	--	--
1000.00	7.80	2.356	12.71	--	--
1250.00	7.79	2.455	12.84	--	--
1500.00	7.78	2.5	12.89	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/19/2019 **Sample Time:** 1101
Weather: Upper 40's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-5 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 11.50 **Well Depth (± 0.1 ft.):** 30.50
Water Column (± 0.1 ft.): 19.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1106 **Purge End Time:** 1111 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	7.72	2.564	12.72	--	--
1000.00	7.77	2.642	12.85	--	--
1250.00	7.79	2.677	12.89	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/19/2019 **Sample Time:** 1112
Weather: Upper 40's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-06

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.90

Well Depth (± 0.1 ft.): 14.90

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1554

Purge End Time: 1559

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.85	1418	14.44	--	--
1000	6.83	1481	14.53	--	--
1250	6.82	1497	14.54	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1600

Weather: Low 60's, southwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-06

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.90

Well Depth (± 0.1 ft.): 12.90

Water Column (± 0.1 ft.): 5.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1545

Purge End Time: 1550

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.82	1.335	14.35	--	--
1000	6.81	1400	14.39	--	--
1250	6.81	1449	14.30	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1551

Weather: Low 60's, southwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-06

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.90

Well Depth (± 0.1 ft.): 10.90

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1535

Purge End Time: 1540

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.82	1530	14.02	--	--
1000	6.82	1524	13.96	--	--
1250	6.82	1519	13.98	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1541

Weather: Low 60's, southwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-06

Purge Date: 1/7/2020

Depth to Water (± 0.1 ft.): 7.90

Well Depth (± 0.1 ft.): 8.90

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1525

Purge End Time: 1531

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.08	1740	13.73	--	--
1000	6.93	1788	13.67	--	--
1250	6.86	1829	13.58	--	--
1500	6.86	1853	13.490	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/7/2020

Sample Time: 1532

Weather: Low 60's, southwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/7/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-07

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 18.00

Water Column (± 0.1 ft.): 11.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1011

Purge End Time: 1016

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.88	2758	12.70	--	--
1000	6.90	2810	13.21	--	--
1250	6.92	2880	13.58	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/8/2020

Sample Time: 1017

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-07

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 16.00

Water Column (± 0.1 ft.): 9.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1001

Purge End Time: 1006

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units \pm 0.1)	Specific Conductivity (μS/cm to 3 sig. digits)	Temperature ($^{\circ}$C \pm 0.1$^{\circ}$)	Dissolved Oxygen (DO) (mg/l \pm 0.1)	Oxidation/Reduction Potential (ORP) (mV \pm 1)
750	6.92	1929	12.58	--	--
1000	6.95	2014	12.89	--	--
1250	6.96	2055	13.13	--	--
Acceptance Criteria	3 samples \pm 0.1 unit	3 samples \pm 10 %	3 samples \pm 10 %	3 samples \pm 10 %	3 samples \pm 10 %

Sample Date: 1/8/2020

Sample Time: 1007

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-07

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 14.00

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 951

Purge End Time: 956

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.92	1572	12.19	--	--
1000	6.95	1619	12.49	--	--
1250	6.99	1650	12.69	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 1/8/2020

Sample Time: 957

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-07 **Purge Date:** 1/8/2020
Depth to Water (± 0.1 ft.): 7.00 **Well Depth (± 0.1 ft.):** 12.00
Water Column (± 0.1 ft.): 5.00 **Casing Volume (± 1 mL):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 940 **Purge End Time:** 947 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.68	1478	10.77	--	--
1000	6.73	1562	11.31	--	--
1250	6.78	1605	11.64	--	--
1500	6.82	1636	11.86	--	--
1750	6.84	1642	12.05	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 1/8/2020 **Sample Time:** 948
Weather: Upper 30's, calm, clear
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-07

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 10.00

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 930

Purge End Time: 936

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.38	1080	9.70	--	--
1000	6.38	1144	10.52	--	--
1250	6.42	1170	10.81	--	--
1500	6.46	1188	11.05	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/8/2020

Sample Time: 937

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-07

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.00

Well Depth (± 0.1 ft.): 8.00

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 915

Purge End Time: 923

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 2000

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.12	1055	8.59	--	--
1000	6.29	1080	9.18	--	--
1250	6.38	1113	9.48	--	--
1500	6.44	1125	9.67	--	--
1750	6.47	1134	9.80	--	--
2000	6.52	1143	9.98	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/8/2020

Sample Time: 924

Weather: Upper 30's, calm, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-08

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 18.70

Water Column (± 0.1 ft.): 11.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1321

Purge End Time: 1346

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.23	2023	16.64	--	--
1000	7.22	2258	16.65	--	--
1250	7.22	2265	16.74	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/8/2020

Sample Time: 1347

Weather: Low 60's, Northwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-08

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 16.70

Water Column (± 0.1 ft.): 9.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1306

Purge End Time: 1311

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.02	873	15.87	--	--
1000	7.02	899	15.83	--	--
1250	7.01	922	15.78	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/8/2020

Sample Time: 1312

Weather: Low 60's, Northwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-08

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 14.70

Water Column (± 0.1 ft.): 7.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1254

Purge End Time: 1300

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.99	750	15.58	--	--
1000	7.00	786	15.56	--	--
1250	7.04	822	15.53	--	--
1500	7.05	840	15.48	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/8/2020

Sample Time: 1301

Weather: Low 60's, Northwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-08

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 12.70

Water Column (± 0.1 ft.): 5.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1242

Purge End Time: 1248

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.93	921	15.24	--	--
1000	6.93	926	15.25	--	--
1250	6.93	930	15.22	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/8/2020

Sample Time: 1249

Weather: Low 60's, Northwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-08

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 10.70

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1230

Purge End Time: 1235

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.97	935	14.61	--	--
1000	6.97	961	14.60	--	--
1250	6.96	981	14.63	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/8/2020

Sample Time: 1236

Weather: Low 60's, Northwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-08

Purge Date: 1/8/2020

Depth to Water (± 0.1 ft.): 7.70

Well Depth (± 0.1 ft.): 8.70

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1221

Purge End Time: 1226

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.98	828	14.17	--	--
1000	6.94	877	14.17	--	--
1250	6.95	909	14.12	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 1/8/2020

Sample Time: 1227

Weather: Low 60's, Northwest 10-15, clear

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 1/8/2020

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-9 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 7.00 **Well Depth (± 0.1 ft.):** 15.00
Water Column (± 0.1 ft.): 8.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1500 **Purge End Time:** 1506 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250.00

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	8.11	617	12.53	--	--
1000.00	8.07	611	12.79	--	--
1250.00	8.04	608	12.92	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/19/2019 **Sample Time:** 1507
Weather: Mid 50's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Slightly cloudy red
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-9 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 7.00 **Well Depth (± 0.1 ft.):** 14.00
Water Column (± 0.1 ft.): 7.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1445 **Purge End Time:** 1452 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 12500.00

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	8.02	633	12.66	--	--
1000.00	8.01	630	12.74	--	--
1250.00	8.00	628	12.79	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/19/2019 **Sample Time:** 1453
Weather: Mid 50's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Slightly cloudy red
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-9 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 7.00 **Well Depth (± 0.1 ft.):** 12.00
Water Column (± 0.1 ft.): 5.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1430 **Purge End Time:** 1436 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250.00

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	7.96	698	12.57	--	--
1000.00	7.94	703	12.63	--	--
1250.00	7.92	704	12.68	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/19/2019 **Sample Time:** 1437
Weather: Mid 50's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Slightly cloudy red
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-9 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 7.00 **Well Depth (± 0.1 ft.):** 10.00
Water Column (± 0.1 ft.): 3.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1420 **Purge End Time:** 1425
Note: Sample must be collected within 24 hours of purge time.)
Volume Purged (mL):

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	7.93	794	12.33	--	--
1000.00	7.93	784	12.39	--	--
1250.00	7.93	772	12.46	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/19/2019 **Sample Time:** 1426
Weather: Mid 50's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-9 **Purge Date:** 12/19/2019
Depth to Water (± 0.1 ft.): 7.00 **Well Depth (± 0.1 ft.):** 8.00
Water Column (± 0.1 ft.): 1.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1407 **Purge End Time:** 1414
Note: Sample must be collected within 24 hours of purge time.)
Volume Purged (mL):

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00	8.35	837	12.19	--	--
1000.00	8.01	842	12.19	--	--
1250.00	7.97	849	12.23	--	--
1500.00	7.95	851	12.25	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/19/2019 **Sample Time:** 1415
Weather: Mid 50's, Clear, West wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/19/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-10 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 6.50 **Well Depth (± 0.1 ft.):** 14.75
Water Column (± 0.1 ft.): 8.25 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 916 **Purge End Time:** 926 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 2500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.42	769	7.14	--	--
1000	7.47	726	7.55	--	--
1250	7.52	723	8.00	--	--
1500	7.48	728	8.61	--	--
1750	7.36	760	8.98		
2000	7.25	786	9.20		
2250	7.22	812	9.47		
2500	7.2	844	9.66		
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/20/2019 **Sample Time:** 927
Weather: Mid 40's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-10 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 6.50 **Well Depth (± 0.1 ft.):** 13.50
Water Column (± 0.1 ft.): 7.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 856 **Purge End Time:** 904 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.25	1261	7.73	--	--
1000	7.24	1220	8.20	--	--
1250	7.18	1194	8.77	--	--
1500	7.07	1184	9.40	--	--
1750	7.04	1182	9.68		
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/20/2019 **Sample Time:** 905
Weather: Mid 40's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-10 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 6.50 **Well Depth (± 0.1 ft.):** 11.50
Water Column (± 0.1 ft.): 5.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 842 **Purge End Time:** 849 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.32	1601	7.42	--	--
1000	7.25	1590	8.00	--	--
1250	7.21	1585	8.41	--	--
1500	7.15	1586	8.84	--	--
1750	7.11	1580	9.12		
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/20/2019 **Sample Time:** 850

Weather: Mid 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-10 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 6.50 **Well Depth (± 0.1 ft.):** 9.50
Water Column (± 0.1 ft.): 3.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 826 **Purge End Time:** 832 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.12	1741	7.65	--	--
1000	7.08	1842	7.87	--	--
1250	7.07	1917	8.09	--	--
1500	7.05	1952	8.28	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/20/2019 **Sample Time:** 833
Weather: Mid 40's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-10 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 6.50 **Well Depth (± 0.1 ft.):** 7.50
Water Column (± 0.1 ft.): 1.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 812 **Purge End Time:** 817 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.07	1713	7.68	--	--
1000	7.04	1736	7.92	--	--
1250	7.00	1750	8.18	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/20/2019 **Sample Time:** 818
Weather: Mid 40's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-11 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 5.60 **Well Depth (± 0.1 ft.):** 14.60
Water Column (± 0.1 ft.): 9.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1200 **Purge End Time:** 1206 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.07	671	12.30	--	--
1000	6.97	652	12.59	--	--
1250	6.96	648	12.68	--	--
1500	6.95	646	12.68	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/20/2019 **Sample Time:** 1207
Weather: Mid 50's, Clear, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-11 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 5.60 **Well Depth (± 0.1 ft.):** 12.60
Water Column (± 0.1 ft.): 7.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1147 **Purge End Time:** 1152 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.84	827	11.51	--	--
1000	6.85	831	11.78	--	--
1250	6.82	8217	12.07	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/20/2019 **Sample Time:** 1153
Weather: Mid 50's, Clear, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-11 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 5.60 **Well Depth (± 0.1 ft.):** 10.60
Water Column (± 0.1 ft.): 5.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1134 **Purge End Time:** 1140 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1500.00

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.94	853	10.58	--	--
1000	6.88	877	11.08	--	--
1250	6.84	891	11.31	--	--
1500	6.81	903	11.43	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/20/2019 **Sample Time:** 1141
Weather: Mid 50's, Clear, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-11

Purge Date: 12/20/2019

Depth to Water (± 0.1 ft.): 5.60

Well Depth (± 0.1 ft.): 8.60

Water Column (± 0.1 ft.): 3.00

Casing Volume (± 1 mL.): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

**Purge Start
Time:**

**Purge End
Time:**

*Note: Sample must be collected
within 24 hours of purge time.)*

Volume Purged (mL):

Purge Volume (mL)	pH (std. units \pm 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C \pm 0.1 $^{\circ}$)	Dissolved Oxygen (DO) (mg/l \pm 0.1)	Oxidation/Reduction Potential (ORP) (mV \pm 1)
750.00				--	--
1000.00				--	--
1250.00				--	--
				--	--
Acceptance Criteria	3 samples \pm 0.1 unit	3 samples \pm 10 %	3 samples \pm 10 %	3 samples \pm 10 %	3 samples \pm 10 %

Sample Date: 12/20/2019

Sample Time:

Weather: Mid 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample

Sample Location: GE-WAA-11 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 5.60 **Well Depth (± 0.1 ft.):** 7.60
Water Column (± 0.1 ft.): 2.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1104 **Purge End Time:** 1114 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.61	961	8.90	--	--
1000	6.62	987	8.97	--	--
1250	6.63	1000	9.05	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/20/2019 **Sample Time:** 1115
Weather: Mid 40's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-11

Purge Date: 12/20/2019

Depth to Water (± 0.1 ft.): 5.60

Well Depth (± 0.1 ft.): 6.60

Water Column (± 0.1 ft.): 1.00

Casing Volume (± 1 mL.): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time:

Purge End Time:

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL):

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750.00				--	--
1000.00				--	--
1250.00				--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/20/2019

Sample Time:

Weather: Mid 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Not producing water. No sample

Sample Location: GE-WAA-12 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 5.90 **Well Depth (± 0.1 ft.):** 16.15
Water Column (± 0.1 ft.): 10.25 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1520 **Purge End Time:** 1525 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250.00

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.83	1064	13.47	--	--
1000	6.80	1220	13.53	--	--
1250	6.79	1146	13.52	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/20/2019 **Sample Time:** 1526
Weather: Mid 50's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Slightly cloudy red
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-12 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 5.90 **Well Depth (± 0.1 ft.):** 15.00
Water Column (± 0.1 ft.): 9.10 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1503 **Purge End Time:** 1508 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	6.81	988	13.67	--	--
1000	6.78	999	13.72	--	--
1250	6.77	1012	13.77	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/20/2019 **Sample Time:** 1509
Weather: Mid 50's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Slightly cloudy red
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-12 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 5.90 **Well Depth (± 0.1 ft.):** 13.00
Water Column (± 0.1 ft.): 7.10 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1448 **Purge End Time:** 1454 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.12	797	12.61	--	--
1000	7.03	838	12.76	--	--
1250	7.00	846	12.79	--	--
1500	6.98	852	12.85	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/20/2019 **Sample Time:** 1455
Weather: Mid 50's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Slightly cloudy red
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-12 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 5.90 **Well Depth (± 0.1 ft.):** 11.00
Water Column (± 0.1 ft.): 5.10 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1433 **Purge End Time:** 1440 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.25	810	12.25	--	--
1000	7.09	880	12.51	--	--
1250	6.99	921	12.70	--	--
1500	6.95	936	12.79	--	--
1750	6.92	947	12.890		
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/20/2019 **Sample Time:** 1441
Weather: Mid 50's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Slightly cloudy red
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-12 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 5.90 **Well Depth (± 0.1 ft.):** 9.00
Water Column (± 0.1 ft.): 3.10 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1421 **Purge End Time:** 1426 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.15	792	11.57	--	--
1000	7.21	755	11.72	--	--
1250	7.20	777	11.84	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/20/2019 **Sample Time:** 1427
Weather: Mid 50's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Slightly cloudy red
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-12 **Purge Date:** 12/20/2019
Depth to Water (± 0.1 ft.): 5.90 **Well Depth (± 0.1 ft.):** 7.00
Water Column (± 0.1 ft.): 1.10 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic
Purge Start Time: 1408 **Purge End Time:** 1414 *Note: Sample must be collected within 24 hours of purge time.)*
Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.11	838	11.93	--	--
1000	7.05	850	12.05	--	--
1250	7.00	864	12.10	--	--
1500	6.97	870	12.11	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/20/2019 **Sample Time:** 1415
Weather: Mid 50's, Cloudy, South wind 5-10 mph
Sample Method: HPT-GWS Peristaltic
Sample Appearance: Clear
Sampler (print name): Mathew Crawford **Date:** 12/20/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-13

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 7.10

Well Depth (± 0.1 ft.): 15.90

Water Column (± 0.1 ft.): 8.80

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 921

Purge End Time: 929

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.47	1303	9.50	--	--
1000	7.41	1377	10.01	--	--
1250	7.29	1440	10.43	--	--
1500	7.25	1471	10.75	--	--
1750	7.21	1500	11.03	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 930

Weather: Mid 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-13

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 7.10

Well Depth (± 0.1 ft.): 14.00

Water Column (± 0.1 ft.): 6.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 906

Purge End Time: 913

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.46	1223	10.22	--	--
1000	7.37	1375	10.30	--	--
1250	7.33	1414	10.60	--	--
1500	7.28	1445	10.90	--	--
1750	7.26	1455	11.02	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/21/2019

Sample Time: 914

Weather: Mid 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-13

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 7.10

Well Depth (± 0.1 ft.): 12.00

Water Column (± 0.1 ft.): 4.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 854

Purge End Time: 900

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.44	1116	8.96	--	--
1000	7.37	1163	9.71	--	--
1250	7.33	1182	10.10	--	--
1500	7.29	1192	10.34	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 901

Weather: Mid 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-13

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 7.10

Well Depth (± 0.1 ft.): 10.00

Water Column (± 0.1 ft.): 2.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 838

Purge End Time: 845

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1750

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.49	1265	9.14	--	--
1000	7.44	1160	9.74	--	--
1250	7.35	1111	10.16	--	--
1500	7.30	1089	10.34	--	--
1750	7.29	1074	10.510	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/21/2019

Sample Time: 846

Weather: Mid 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

Sample Location: GE-WAA-13

Purge Date: 12/21/2019

Depth to Water (± 0.1 ft.): 7.10

Well Depth (± 0.1 ft.): 8.00

Water Column (± 0.1 ft.): 0.90

Casing Volume (± 1 mL): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 824

Purge End Time: 830

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.36	1791	8.52	--	--
1000	7.35	1856	8.87	--	--
1250	7.34	1905	9.08	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/21/2019

Sample Time: 831

Weather: Mid 40's, Cloudy, South wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/21/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-14 **Purge Date:** 12/18/2019

Depth to Water (± 0.1 ft.): 7.50 **Well Depth (± 0.1 ft.):** 26.50

Water Column (± 0.1 ft.): 19.00 **Casing Volume (± 1 mL.):** 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1445 **Purge End Time:** 1451 *Note: Sample must be collected within 24 hours of purge time.)*

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.90	11070	16.3	--	--
1000	7.80	11090	16.6	--	--
1250	7.80	11030	16.7	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/18/2019 **Sample Time:** 1453

Weather: Mid 40's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford **Date:** 12/18/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-14

Purge Date: 12/18/2019

Depth to Water (± 0.1 ft.): 7.50

Well Depth (± 0.1 ft.): 24.50

Water Column (± 0.1 ft.): 17.00

Casing Volume (± 1 mL.): 244

Purge Method (*pump & type, bailer & type, etc.*): Peristaltic

**Purge Start
Time:** 1200

**Purge End
Time:** 1340

*Note: Sample must be collected
within 24 hours of purge time.)*

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
1500	8.20	6440	13.3	--	--
1750	7.90	6800	12.5	--	--
2750	7.90	6800	13.3	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/18/2019

Sample Time: 1345

Weather: Mid 40's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (*print name*): Mathew Crawford

Date: 12/18/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-14 **Purge Date:** 12/18/2019
Depth to Water (± 0.1 ft.): 7.50 **Well Depth (± 0.1 ft.):** 22.50
Water Column (± 0.1 ft.): 15.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1100 **Purge End Time:** 1118

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL):

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
				--	--
				--	--
				--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/18/2019

Sample Time: NA

Weather: Mid 40's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/18/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-14 **Purge Date:** 12/18/2019

Depth to Water (± 0.1 ft.): 7.50 **Well Depth (± 0.1 ft.):** 20.50

Water Column (± 0.1 ft.): 13.00 **Casing Volume (± 1 mL.):** 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1049 **Purge End Time:** 1059 *Note: Sample must be collected within 24 hours of purge time.)*

Volume Purged (mL):

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μS/cm to 3 sig. digits)	Temperature (°C ± 0.1°)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
				--	--
				--	--
				--	--
				--	--
Acceptance Criteria	3 samples	3 samples	3 samples	3 samples	3 samples
	± 0.1 unit	± 10 %	± 10 %	± 10 %	± 10 %

Sample Date: 12/18/2019

Sample Time: NA

Weather: Mid 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/18/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-14 **Purge Date:** 12/18/2019
Depth to Water (± 0.1 ft.): 7.50 **Well Depth (± 0.1 ft.):** 18.50
Water Column (± 0.1 ft.): 11.00 **Casing Volume (± 1 mL.):** 244
Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1036 **Purge End Time:** 1048

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL):

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
				--	--
				--	--
				--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/18/2019

Sample Time:

Weather: Mid 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford

Date: 12/18/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-14 **Purge Date:** 12/18/2019

Depth to Water (± 0.1 ft.): 7.50 **Well Depth (± 0.1 ft.):** 16.50

Water Column (± 0.1 ft.): 9.00 **Casing Volume (± 1 mL.):** 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1024 **Purge End Time:** 1030 Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (µS/cm to 3 sig. digits)	Temperature (°C ± 0.1°)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.40	2350	12.7	--	--
1000	7.30	2430	13.3	--	--
1250	7.30	2460	13.2	--	--
				--	--
Acceptance Criteria	3 samples	3 samples	3 samples	3 samples	3 samples
	± 0.1 unit	± 10 %	± 10 %	± 10 %	± 10 %

Sample Date: 12/18/2019 **Sample Time:** 1032

Weather: Mid 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford **Date:** 12/18/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-14 **Purge Date:** 12/18/2019

Depth to Water (± 0.1 ft.): 7.50 **Well Depth (± 0.1 ft.):** 14.50

Water Column (± 0.1 ft.): 7.00 **Casing Volume (± 1 mL.):** 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1014 **Purge End Time:** 1020 *Note: Sample must be collected within 24 hours of purge time.)*

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.40	1501	13.0	--	--
1000	7.30	1503	13.4	--	--
1250	7.30	1498	13.7	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/18/2019 **Sample Time:** 1022

Weather: Mid 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford **Date:** 12/18/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-14 **Purge Date:** 12/18/2019

Depth to Water (± 0.1 ft.): 7.50 **Well Depth (± 0.1 ft.):** 10.50

Water Column (± 0.1 ft.): 3.00 **Casing Volume (± 1 mL.):** 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 940 **Purge End Time:** 953 *Note: Sample must be collected within 24 hours of purge time.)*

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.60	1369	9.0	--	--
1000	7.50	1357	9.7	--	--
1250	7.50	1371	9.8	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/18/2019 **Sample Time:** 953

Weather: Low 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford **Date:** 12/18/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-14 **Purge Date:** 12/18/2019

Depth to Water (± 0.1 ft.): 7.50 **Well Depth (± 0.1 ft.):** 8.50

Water Column (± 0.1 ft.): 1.00 **Casing Volume (± 1 mL.):** 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 927 **Purge End Time:** 936 *Note: Sample must be collected within 24 hours of purge time.)*

Volume Purged (mL): 1500

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.90	1548	9.3	--	--
1000	7.50	1552	10.1	--	--
1250	7.40	1532	10.8	--	--
1500	7.4	1520	10.8	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/18/2019 **Sample Time:** 937

Weather: Low 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford **Date:** 12/18/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-15

Purge Date: 12/17/2019

Depth to Water (± 0.1 ft.): 6.90

Well Depth (± 0.1 ft.): 23.60

Water Column (± 0.1 ft.): 16.70

Casing Volume (± 1 mL): 244

Purge Method (*pump & type, bailer & type, etc.*): Peristaltic

Purge Start Time: 1636

Purge End Time: 1644

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units \pm 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C \pm 0.1 $^{\circ}$)	Dissolved Oxygen (DO) (mg/l \pm 0.1)	Oxidation/Reduction Potential (ORP) (mV \pm 1)
750.00	7.60	3060	11.6	--	--
1000.00	7.50	3040	11.8	--	--
1250.00	7.50	3060	11.6	--	--
Acceptance Criteria	3 samples \pm 0.1 unit	3 samples \pm 10 %	3 samples \pm 10 %	3 samples \pm 10 %	3 samples \pm 10 %

Sample Date: 12/17/2019

Sample Time: 1646

Weather: Upper 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (*print name*): Mathew Crawford

Date: 12/17/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-15

Purge Date: 12/17/2019

Depth to Water (± 0.1 ft.): 6.90

Well Depth (± 0.1 ft.): 21.60

Water Column (± 0.1 ft.): 14.70

Casing Volume (± 1 mL.): 244

Purge Method (*pump & type, bailer & type, etc.*): Peristaltic

Purge Start Time: 1546

Purge End Time: 1634

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C}$ $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.70	2830	8.2	--	--
1000	7.60	2860	8.7	--	--
1250	7.60	2790	9.0	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/17/2019

Sample Time: 1635

Weather: Upper 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (*print name*): Mathew Crawford

Date: 12/17/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-15 **Purge Date:** 12/17/2019

Depth to Water (± 0.1 ft.): 6.90 **Well Depth (± 0.1 ft.):** 19.60

Water Column (± 0.1 ft.): 12.70 **Casing Volume (± 1 mL.):** 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1529 **Purge End Time:** 1538 *Note: Sample must be collected within 24 hours of purge time.)*

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C $\pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.50	2560	11.6	--	--
1000	7.40	2650	12.0	--	--
1250	7.40	2690	11.8	--	--
				--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %	3 samples ± 10 %

Sample Date: 12/17/2019 **Sample Time:** 1540

Weather: Upper 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford **Date:** 12/17/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-15

Purge Date: 12/17/2019

Depth to Water (± 0.1 ft.): 6.90

Well Depth (± 0.1 ft.): 17.60

Water Column (± 0.1 ft.): 10.70

Casing Volume (± 1 mL.): 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1517

Purge End Time: 1523

Note: Sample must be collected within 24 hours of purge time.)

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units \pm 0.1)	Specific Conductivity (μ S/cm to 3 sig. digits)	Temperature ($^{\circ}$ C \pm 0.1 $^{\circ}$)	Dissolved Oxygen (DO) (mg/l \pm 0.1)	Oxidation/Reduction Potential (ORP) (mV \pm 1)
750	7.10	2460	13.7	--	--
1000	7.10	2460	14.1	--	--
1250	7.10	2510	14.4	--	--
Acceptance Criteria	3 samples	3 samples	3 samples	3 samples	3 samples
	± 0.1 unit	± 10 %	± 10 %	± 10 %	± 10 %

Sample Date: 12/17/2019

Sample Time: 1525

Weather: Upper 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Slightly cloudy red

Sampler (print name): Mathew Crawford

Date: 12/17/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-15 **Purge Date:** 12/17/2019

Depth to Water (± 0.1 ft.): 6.90 **Well Depth (± 0.1 ft.):** 11.60

Water Column (± 0.1 ft.): 4.70 **Casing Volume (± 1 mL.):** 244

Purge Method (pump & type, bailer & type, etc.): Peristaltic

Purge Start Time: 1412 **Purge End Time:** 1428 *Note: Sample must be collected within 24 hours of purge time.)*

Volume Purged (mL): 1250

Purge Volume (mL)	pH (std. units ± 0.1)	Specific Conductivity ($\mu\text{S}/\text{cm}$ to 3 sig. digits)	Temperature ($^\circ\text{C} \pm 0.1^\circ$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.60	1230	8.6	--	--
1000	7.50	1244	8.9	--	--
1250	7.50	1254	8.2	--	--
Acceptance Criteria	3 samples	3 samples	3 samples	3 samples	3 samples
	± 0.1 unit	± 10 %	± 10 %	± 10 %	± 10 %

Sample Date: 12/17/2019 **Sample Time:** 1430

Weather: Upper 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

Sampler (print name): Mathew Crawford **Date:** 12/17/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

**CIMARRON ENVIRONMENTAL RESPONSE TRUST
FIELD PARAMETER FORM**

Sample Location: GE-WAA-15

Purge Date: 12/17/2019

Depth to Water (± 0.1 ft.): 6.90

Well Depth (± 0.1 ft.): 9.60

Water Column (± 0.1 ft.): 2.70

Casing Volume (± 1 mL.): 244

Purge Method (*pump & type, bailer & type, etc.*): Peristaltic

Purge Start Time: 1350

Purge End Time: 1404

*Note: Sample must be collected
within 24 hours of purge time.)*

Volume Purged (mL): 1500

Purge Volume (mL)	pH (<i>std. units ± 0.1</i>)	Specific Conductivity ($\mu\text{S/cm}$ to 3 sig. digits)	Temperature ($^{\circ}\text{C} \pm 0.1^{\circ}$)	Dissolved Oxygen (DO) (mg/l ± 0.1)	Oxidation/Reduction Potential (ORP) (mV ± 1)
750	7.70	1060	10.4	--	--
1000	7.50	1049	9.8	--	--
1250	7.50	1056	9.4	--	--
1500	7.5	1050	9.6	--	--
Acceptance Criteria	3 samples ± 0.1 unit	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$	3 samples $\pm 10\%$

Sample Date: 12/17/2019

Sample Time: 1405

Weather: Upper 30's, Clear, West wind 5-10 mph

Sample Method: HPT-GWS Peristaltic

Sample Appearance: Clear

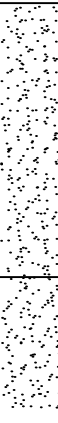
Sampler (*print name*): Mathew Crawford
















Date: 12/17/2019

Note: Use chain of custody form to indicate which sample bottles were filtered and filter size.

APPENDIX C – SOIL BORING LOGS

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-BAI-02			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
1	NO SAMPLE COLLECTED								
2									
3									
4									
5	SAND, FINE GRAINED, WITH SILT, RED, 2.5YR 4/6, MOIST, LOOSE, SUBROUNDED WELL GRADED		SW						Collect Sample GE-BAI-02 / 5-7.5
6	SAND, FINE GRAINED, LIGHT BROWN, 7.5YR 6/4, MOIST LOOSE, SUBROUNDED, POORLY GRADED		SP				5-10	3/5	
7									
8	NO RECOVERY								

EXPLANATION	 Water Table (24 Hour)	GRAPHIC LOG LEGEND		 CLAY	 DEBRIS FILL	DATE DRILLED 1/9/2020	PAGE 1 of 3
	 Water Table (Time of Boring)			 SILT	 Highly Organic(peat)	DRILLING METHOD DIRECT-PUSH	
	 PID NO. TYPE Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method	 SAND	 SANDY CLAY	DRILLED BY PLAINS ENV. SERVICES			
	 SPLIT-BARREL	 GRAVEL	 CLAYEY SAND	LOGGED BY M. CRAWFORD			
	 THIN-WALLED TUBE	 NO RECOVERY	 CLAYEY SILT	EXISTING GRADE ELEVATION (FT. AMSL) LOCATION OR GRID COORDINATES			

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-BAI-02	
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
9	NO RECOVERY								
10	SAND MEDIUM TO FINE GRAINED, LIGHT BROWN 7.5 YR 6/4, WET LOOSE SUBROUNDED POORLY GRADED		SP				10-15	0.5/5	 POOR RECOVERY 10-15 NO SAMPLE FOR GSD
11	NO RECOVERY								
12			SP						
13									
14									
15	SAND MEDIUM TGRAINED, LIGHT BROWN 7.5 YR 6/4, WET LOOSE SUBROUNDED POORLY GRADED		SP						
16									

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		DATE DRILLED	PAGE	
		Water Table (Time of Boring)			1/9/2020	2 of 3	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method		CLAY		DEBRIS FILL	DRILLING METHOD
		SPLIT-BARREL		SILT		Highly Organic(peat)	DIRECT-PUSH
		THIN-WALLED TUBE		SAND		SANDY CLAY	DRILLED BY
	AUGER		GRAVEL		CLAYEY SAND	PLAINS ENV. SERVICES	
	CONTINUOUS SAMPLER		SILTY CLAY			LOGGED BY	
	ROCK CORE		CLAYEY SILT			M. CRAWFORD	
	NO RECOVERY					EXISTING GRADE ELEVATION (FT. AMSL)	
						LOCATION OR GRID COORDINANTES	

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-BAI-02		
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
17	SAND, MEDIUM GRAINED, LIGHT BROWN, 7.5YR 6/4, LOOSE, WET SUBROUNDED, POORLY GRADED		SP					15-20	4/5	Collect Sample GE-BAI-02 / 15 - 21
18										
19	NO RECOVERY									
20	SANDSTONE, RED, 2.5YR 4/6 FINE GRAINED, SOFT, WET, HIGHLY WEATHERED		SS							
21	TD = 21 FT BGS BORING ABANDONED 1/9/20									
22										
23										
24										

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED	PAGE	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	1/9/2020	3 of 3	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLING METHOD		
		SPLIT-BARREL			AUGER		CLAYEY SAND	DRILLED BY		
		THIN-WALLED TUBE			CONTINUOUS SAMPLER			LOGGED BY		
	ROCK CORE		NO RECOVERY			PLAINS ENV. SERVICES				
						M. CRAWFORD				
						EXISTING GRADE ELEVATION (FT. AMSL)				
						LOCATION OR GRID COORDINANTES				

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-BAI-05			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
1	NO SAMPLE COLLECTED								
2									
3									
4									
5	SILTY CLAY, TRACE FINE SAND, RED 2.5YR 4/6, MOIST, MEDIUM CONSISTANCY, MEDIUM PLASTICITY		CL				5-10	3/5	Collect Sample GE-BAI-05 / 5-8
6									
7	SAND, FINE GRAINED, RED 2.5YR 4/6, MOIST LOOSE, SUBROUNDED, POORLY GRADED		SP						
8	BECOMES WET								

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND	DATE DRILLED	PAGE	
		Water Table (Time of Boring)		1/9/2020	1 of 4	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method		CLAY	DRILLING METHOD	
		SPLIT-BARREL		SILT	DIRECT-PUSH	
		THIN-WALLED TUBE		SAND	DRILLED BY	
	AUGER		GRAVEL	PLAINS ENV. SERVICES		
	CONTINUOUS SAMPLER		Highly Organic(peat)	LOGGED BY		
	ROCK CORE		SANDY CLAY	M. CRAWFORD		
	NO RECOVERY		CLAYEY SAND	EXISTING GRADE ELEVATION (FT. AMSL)		
			SILTY CLAY	LOCATION OR GRID COORDINATES		
			CLAYEY SILT			
			DEBRIS FILL			

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-BAI-05			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
9	NO RECOVERY								
10	SAND, MEDIUM GRAINED, TRACE FINE AND COARSE SAND, BROWN 7.5YR 5/4, WET LOOSE, SUBROUNDED, POORLY GRADED		SP				10-15	1/5	POOR RECOVERY NO GSD SAMPLE 10-15
11	NO RECOVERY								
12									
13									
14									
15	SAND, MEDIUM TO FINE GRAINED, BROWN 7.5YR 6/4, WET LOOSE, SUBROUNDED, POORLY GRADED		SP						
16									

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED	PAGE	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	1/9/2020	2 of 4	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLING METHOD		
		SPLIT-BARREL			AUGER		CLAYEY SAND	DRILLED BY		
		THIN-WALLED TUBE			CONTINUOUS SAMPLER		ROCK CORE	LOGGED BY		
			NO RECOVERY		SILTY CLAY	M. CRAWFORD				
					CLAYEY SILT	EXISTING GRADE ELEVATION (FT. AMSL)				
						LOCATION OR GRID COORDINANTES				

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-BAI-05			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE		REMARKS OR FIELD OBSERVATIONS	
						NO.	TYPE		DEPTH
17	SAND, MEDIUM TO FINE GRAINED, BROWN 7.5YR 6/4, WET LOOSE, SUBROUNDED, POORLY GRADED TRACE COARSE GRAVELS		SP				15-20	4.5/5	Collect Sample GE-BAI-05 / 15-19.5
18									
19									
20	NO RECOVERY								
21	SAND, MEDIUM TO FINE GRAINED, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, POORLY GRADED BECOMES MEDIUM TO COARSE		SP				20-25	4/5	Collect Sample GE-BAI-05 / 20-24
22									
23	SAND, COARSE GRAINED, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, POORLY GRADED SILTY CLAY, BROWN 7.5YR 3/4, WET, SOFT MEDIUM PLASTICITY		CL						
24									

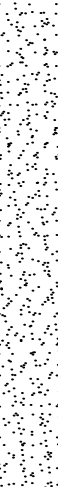

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED	PAGE	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	1/9/2020	3 of 4	
		PID Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLING METHOD		
		SPLIT-BARREL			AUGER		CLAYEY SAND	DIRECT-PUSH		
		THIN-WALLED TUBE			ROCK CORE			DRILLED BY		
			NO RECOVERY			PLAINS ENV. SERVICES				
						LOGGED BY				
						M. CRAWFORD				
						EXISTING GRADE ELEVATION (FT. AMSL)				
						LOCATION OR GRID COORDINATES				







SOIL BORING LOG











COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-BAI-05		
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
25	NO RECOVERY									
26	SAND, MEDIUM TO FINE GRAINED, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, POORLY GRADED	[Graphic: Sand pattern]	SP							Collect Sample GE-BAI-05 / 25-29
27	BECOMES WITH SILT									
28	SILTY CLAY WITH FINE SAND, BROWN 7.5YR 3/4, WET, SOFT MEDIUM PLASTICITY	[Graphic: Silty Clay pattern]	CL							
29	TD = 29 FT BGS BORING ABANDONED 1/9/20									
30										
31										
32										

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED	PAGE	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	1/9/2020	4 of 4	
	PID NO. TYPE	PID Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLING METHOD		
		SPLIT-BARREL			AUGER		CLAYEY SAND	DRILLED BY		
		THIN-WALLED TUBE			CONTINUOUS SAMPLER		NO RECOVERY	LOGGED BY		
						PLAINS ENV. SERVICES				
						M. CRAWFORD				
						EXISTING GRADE ELEVATION (FT. AMSL)				
						LOCATION OR GRID COORDINATES				

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-BAI-09			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
1	NO SAMPLE COLLECTED								
2									
3									
4									
5	SAND, MEDIUM TO FINE GRAINED, REDDISH YELLOW, 7.5YR 6/6, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP			5-10	3/5	Collect Sample GE-BAI-09 / 5-8	
6									
7									
8									

EXPLANATION		Water Table (24 Hour)		Water Table (Time of Boring)		PID		SPLIT-BARREL		AUGER		ROCK CORE
		Photoionization Detection (ppm)				Identifies Sample by Number				THIN-WALLED TUBE		

GRAPHIC LOG LEGEND		DATE DRILLED	PAGE
	CLAY	1/9/2020	1 of 4
	SILT	DRILLING METHOD	
	SAND	DIRECT-PUSH	
	GRAVEL	DRILLED BY	
	SILTY CLAY	PLAINS ENV. SERVICES	
	CLAYEY SILT	LOGGED BY	
	DEBRIS FILL	M. CRAWFORD	
	Highly Organic(peat)	EXISTING GRADE ELEVATION (FT. AMSL)	
	SANDY CLAY	LOCATION OR GRID COORDINANTES	
	CLAYEY SAND		


SOIL BORING LOG

COMPANY Burns & McDonnell	PROJECT Vertical Profiling	LOCATION Cimarron Site	BORING NUMBER GE-BAI-09
---	--------------------------------------	----------------------------------	-----------------------------------

DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
9	NO RECOVERY									
10	SAND, FINE TO MEDIUM GRAINED, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, POORLY GRADED	[Graphic Log: Sand pattern]	SP					10-15		CORE SLEEVE SANDLOCKED INTO SAMPLER, HAD TO TAP OUT SAMPLE, RECOVERY UNKNOWN LOGGED CUTTINGS
11										
12										
13	BECOMES MEDIUM GRAINED									
14										
15	SAND, MEDIUM TO FINE GRAINED, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, POORLY GRADED	[Graphic Log: Sand pattern]	SP							COLLECT SAMPLE GE-BAI-09/ 10-15
16										

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND	DATE DRILLED	PAGE	
		Water Table (Time of Boring)		1/9/2020	2 of 4	
		PID Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method		CLAY	DRILLING METHOD	
		SPLIT-BARREL		SILT	DIRECT-PUSH	
		THIN-WALLED TUBE		SAND	DRILLED BY	
	AUGER		GRAVEL	PLAINS ENV. SERVICES		
	CONTINUOUS SAMPLER		SANDY CLAY	LOGGED BY		
	ROCK CORE		CLAYEY SAND	M. CRAWFORD		
	NO RECOVERY		SILTY CLAY	EXISTING GRADE ELEVATION (FT. AMSL)		
			CLAYEY SILT	LOCATION OR GRID COORDINATES		

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-BAI-09				
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS	
						NO.	TYPE	DEPTH		REC.
17	SAND, FINE TO MEDIUM GRAINED, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, POORLY GRADED TRACE COARSE GRAVELS								Collect Sample GE-BAI-09 / 15-19.5 FOR GSD	
18	BECOMES FINE SAND		SP							
19	SAND, FINE TO COARSE GRAINED, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, WELL GRADED		SW							
20	SAND, FINE TO MEDIUM GRAINED, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, POORLY GRADED NO RECOVERY		SP							
21	SAND, FINE TO COARSE GRAINED, TRACE SILT/CLAY, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, WELL GRADED BECOMES FINE GRAINED		SW							Collect Sample GE-BAI-09 / 20-24 FOR GSD
22										
23	SAND, MEDIUM TO COARSE GRAINED, TRACE SILT/CLAY, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, POORLY GRADED		SP							
24										

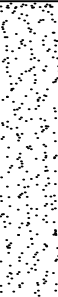

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED	PAGE	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	1/9/2020	3 of 4	
		PID No. Type Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLING METHOD		
		SPLIT-BARREL			AUGER		CLAYEY SAND	DRILLED BY		
		THIN-WALLED TUBE			CONTINUOUS SAMPLER			LOGGED BY		
			ROCK CORE			PLAINS ENV. SERVICES				
			NO RECOVERY			M. CRAWFORD				
						EXISTING GRADE ELEVATION (FT. AMSL)				
						LOCATION OR GRID COORDINATES				



















SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-BAI-09		
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
25	NO RECOVERY									
26	SAND, COARSE GRAINED, BROWN 7.5YR 4/4, WET LOOSE, SUBROUNDED, POORLY GRADED	[Graphic: Sand]	SP				25-27	4/2		FLOWING SAND ADDED 2 FT TO CORE Collect Sample GE-BAI-09 / 25-27
27	SAND, FINE GRAINED, RED 2.5YR 4/8, WET LOOSE, SUBROUNDED, POORLY GRADED	[Graphic: Sand]	SP							
28	TD = 27 FT BGS BORING ABANDONED 1/9/20									
29										
30										
31										
32										

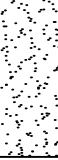

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED	PAGE	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	1/9/2020	4 of 4	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLING METHOD		
		SPLIT- BARREL			AUGER		CLAYEY SAND	DRILLED BY		
		THIN- WALLED TUBE			CONTINUOUS SAMPLER		CLAYEY SILT	LOGGED BY		
			ROCK CORE		NO RECOVERY	EXISTING GRADE ELEVATION (FT. AMSL)				
						LOCATION OR GRID COORDINANTES				






















SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-WAA-01		
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
1	NO SAMPLE COLLECTED									
2										
3										
4										
5	SAND, FINE TO MEDIUM GRAINED, REDDISH YELLOW, 5YR 7/6, MOIST, LOOSE, SUBROUNDED, POORLY GRADED		SP					5-10	1.8/ 5.0	Collect Sample GE-WAA-01 / 5-10
6										
7	NO RECOVERY									
8										

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED	PAGE	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	1/7/2020	1 of 4	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLING METHOD		
		SPLIT- BARREL			AUGER		ROCK CORE	DRILLED BY		
		THIN- WALLED TUBE			CONTINUOUS SAMPLER		NO RECOVERY	LOGGED BY		
					CLAYEY SILT			EXISTING GRADE ELEVATION (FT. AMSL)		
								LOCATION OR GRID COORDINANTES		

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-WAA-01		
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
9	NO RECOVERY									
10	SAND, MEDIUM GRAINED, LIGHT BROWN, 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP					10-15	1/5	Collect Sample GE-WAA-01 / 10-11
11										
12	NO RECOVERY									
13										
14										
15	SAND, MEDIUM TO COARSE GRAINED, LIGHT BROWN, 7.5YR, 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP							
16										

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED 1/7/2020	PAGE 2 of 4	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	DRILLING METHOD DIRECT-PUSH		
		PID No. TYPE Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLED BY PLAINS ENV. SERVICES		
		SPLIT-BARREL			AUGER		CLAYEY SAND	LOGGED BY M. CRAWFORD		
		THIN-WALLED TUBE			CONTINUOUS SAMPLER		ROCK CORE	EXISTING GRADE ELEVATION (FT. AMSL)		
			NO RECOVERY		SILTY CLAY	LOCATION OR GRID COORDINATES				
			CLAYEY SILT							
										

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-WAA-01			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
17	SAND, MEDIUM TO COARSE GRAINED, LIGHT BROWN, 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP						Collect Sample GE-WAA-01 / 15-19.3
	CLAY, RED, 2.5YR, STIFF MED PLASTICITY, WET		CL					15-20 4.3/ 5.0	
18	SAND, MEDIUM TO COARSE GRAINED, SOME FINE TRACE CLAY, LIGHT BROWN, 7.5YR 6/4, WET, LOOSE, SUBROUNDED, WELL GRADED		SW						
	SAND, MEDIUM GRAINED, TRACE COARSE, LIGHT BROWN, 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP						
	SILT, TRACE FINE SAND, REDDISH BROWN, WET, SOFT, NON-PLASTIC		ML						
19	SAND, FINE TO COARSE GRAINED, TRACE CLAY, LIGHT BROWN, 7.5YR 6/4, WET, WELL GRADED		SW						
	SAND, MEDIUM GRAINED, LIGHT BROWN, 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP						
	NO RECOVERY								
20									
21	SAND, FINE TO COARSE GRAINED, WITH CLAY LENSES, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, WELL GRADED							20-25 4.7/ 5.0	Collect Sample GE-WAA-01 / 20-24.7
22									
23									
24									




EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED	PAGE	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	1/7/2020	3 of 4	
	PID NO. TYPE	Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLING METHOD		
		SPLIT-BARREL			GRAVEL		CLAYEY SAND	DRILLED BY		
		THIN-WALLED TUBE			SILTY CLAY			PLAINS ENV. SERVICES		
	AUGER		CLAYEY SILT			LOGGED BY				
	CONTINUOUS SAMPLER					M. CRAWFORD				
	ROCK CORE					EXISTING GRADE ELEVATION (FT. AMSL)				
	NO RECOVERY					LOCATION OR GRID COORDINANTES				















SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-WAA-01		
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
25	NO RECOVERY									
26	SAND, MEDIUM TO COARSE GRAINED, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED	[Graphic: Sand]	SP					25-28	3/3	Collect Sample GE-WAA-01 / 25-27.3
27										
28	SANDSTONE, FINE GRAINED, RED 2.5YR 4/4, WET, MODERATELY WEATHERED, MODERATELY HARD	[Graphic: Sandstone]	SS							
29	TD = 28 FT BGS BORING ABANDONED 1/7/20									
30										
31										
32										

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		DATE DRILLED	PAGE	
		Water Table (Time of Boring)		CLAY	1/7/2020	4 of 4	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method		SILT	[Graphic: Debris Fill]	DRILLING METHOD	
		SPLIT-BARREL		SAND	[Graphic: Highly Organic (peat)]	DIRECT-PUSH	
		THIN-WALLED TUBE		GRAVEL	[Graphic: Sandy Clay]	DRILLED BY	
	AUGER		CLAYEY SAND	[Graphic: Empty]	PLAINS ENV. SERVICES		
	CONTINUOUS SAMPLER		CLAYEY SILT	[Graphic: Empty]	LOGGED BY		
	ROCK CORE		NO RECOVERY	[Graphic: Empty]	M. CRAWFORD		
					EXISTING GRADE ELEVATION (FT. AMSL)		
					LOCATION OR GRID COORDINATES		

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-WAA-05			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
1	NO SAMPLE COLLECTED								
2									
3									
4									
5	SAND, FINE TO MEDIUM GRAINED, REDDISH YELLOW, 10YR 7/6, DAMP, LOOSE, POORLY GRADED		SP						
6	SILT W/ FINE SAND, 2.5RY 4/3, REDDISH BROWN, TRACE PLASTICITY, MOIST		ML					3/5	
7	SAND, FINE GRAINED, LIGHT BROWN, 7.5YR 6/4, MOIST, LOOSE POORLY GRADED		SP						
8									

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED	12/18/2019	PAGE	1 of 4	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	DRILLING METHOD				
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLED BY				
		SPLIT-BARREL			AUGER		ROCK CORE	LOGGED BY				
		THIN-WALLED TUBE			CONTINUOUS SAMPLER		NO RECOVERY	M. CRAWFORD				
						EXISTING GRADE ELEVATION (FT. AMSL)						
						LOCATION OR GRID COORDINANTES						

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-WAA-05		
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
9	NO RECOVERY									
10	SAND, FINE TO MEDIUM GRAINED, LIGHT BROWN, 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP							 Collect Sample GE-WAA-05 / 10-12.5
11	BECOMES MEDIUM TO COARSE GRAINED		SP				10-15	2.5/5		
12										
13	NO RECOVERY									
14										
15										
16	SAND, MEDIUM TO COARSE GRAINED, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP					3/5		

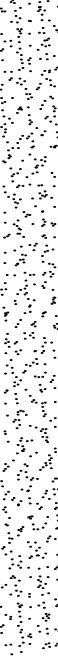

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		DATE DRILLED	PAGE	
		Water Table (Time of Boring)		CLAY	12/18/2019	2 of 4	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method		SILT		DRILLING METHOD	
		SPLIT-BARREL		SAND		DIRECT-PUSH	
		THIN-WALLED TUBE		GRAVEL		DRILLED BY	
	AUGER		CLAYEY SAND		PLAINS ENV. SERVICES		
	CONTINUOUS SAMPLER		SILTY CLAY		LOGGED BY		
	ROCK CORE		CLAYEY SILT		M. CRAWFORD		
	NO RECOVERY				EXISTING GRADE ELEVATION (FT. AMSL)		
					LOCATION OR GRID COORDINANTES		



















SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-WAA-05				
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS	
						NO.	TYPE	DEPTH		REC.
17	SAND, MEDIUM TO COARSE GRAINED, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP					15-20	3/5	Collect Sample GE-WAA-05 / 15-18
18										
19	NO RECOVERY									
20										
21	SAND, MEDIUM TO COARSE GRAINED, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP							Collect Sample GE-WAA-05 / 20-25
22	SAND, FINE TO COARSE GRAINED, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, WELL GRADED		SW					20-25		
23	SILTY CLAY LENS									
24										

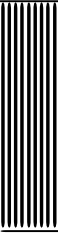

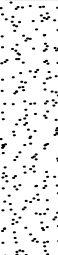
EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		DATE DRILLED	PAGE	
		Water Table (Time of Boring)			12/18/2019	3 of 4	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method		CLAY		DEBRIS FILL	DRILLING METHOD
		SPLIT-BARREL		SILT		Highly Organic(peat)	DIRECT-PUSH
		THIN-WALLED TUBE		SAND		SANDY CLAY	DRILLED BY
	AUGER		GRAVEL		CLAYEY SAND	PLAINS ENV. SERVICES	
	ROCK CORE		SILTY CLAY			LOGGED BY	
	CONTINUOUS SAMPLER		CLAYEY SILT			M. CRAWFORD	
	NO RECOVERY					EXISTING GRADE ELEVATION (FT. AMSL)	
						LOCATION OR GRID COORDINANTES	















SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-WAA-05		
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
25	NO RECOVERY									
26	SAND, MEDIUM TO COARSE GRAINED, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP				25-30	4/5		Collect Sample GE-WAA-05 / 25-29
27										
28										
29	NO RECOVERY									
30										
31	SAND, MEDIUM TO COARSE GRAINED, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP				30-31.5	0.5/ 1.5		
32	TD = 31.5 FT BGS BORING ABANDONED 12/18/19									

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED 12/18/2019	PAGE 4 of 4	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	DRILLING METHOD DIRECT-PUSH		
		PID NO. TYPE Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLED BY PLAINS ENV. SERVICES		
		SPLIT- BARREL			AUGER		CLAYEY SAND	LOGGED BY M. CRAWFORD		
		THIN- WALLED TUBE			CONTINUOUS SAMPLER		ROCK CORE	EXISTING GRADE ELEVATION (FT. AMSL)		
			NO RECOVERY		SILTY CLAY	LOCATION OR GRID COORDINANTES				
					CLAYEY SILT					

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-WAA-06			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
1	NO SAMPLE COLLECTED								
2									
3									
4									
5	SILT W/FINE SAND, SOFT, TRACE PLASTICITY, WET, RED 2.5YR 5/6		ML						 Collect Sample GE-WAA-06 / 5-8
6							5-10	3.5/5	
7	SAND, FINE TO MEDIUM GRAINED, LIGHT BROWN 7.5YR 6/4, LOOSE, SUBROUNDED, POORLY GRADED, WET, TRACE CLAY/SILT LENSES		SP						
8									

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		DATE DRILLED	PAGE		
		Water Table (Time of Boring)				CLAY		DEBRIS FILL
	PID	Photoionization Detection (ppm)		SILT		Highly Organic(peat)	1/8/2020	1 of 3
	NO. TYPE	Identifies Sample by Number Sample Collection Method		SAND		SANDY CLAY	DRILLING METHOD DIRECT-PUSH	
		SPLIT-BARREL		AUGER		ROCK CORE	DRILLED BY PLAINS ENV. SERVICES	
	THIN-WALLED TUBE		CONTINUOUS SAMPLER		NO RECOVERY	LOGGED BY M. CRAWFORD		
						EXISTING GRADE ELEVATION (FT. AMSL)		
						LOCATION OR GRID COORDINATES		

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-WAA-06							
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS				
						NO.	TYPE	DEPTH		REC.			
9	SAND, FINE TO MEDIUM GRAINED, LIGHT BROWN 7.5YR 6/4, LOOSE, SUBROUNDED, POORLY GRADED, WET, TRACE CLAY/SILT LENSES NO RECOVERY		SP	-	-	-	-	-	Collect Sample GE-WAA-06 / 5-8.5				
10	SAND, MEDIUM GRAINED, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED												
11	BECOMES FINE TO MEDIUM GAINED									SP	10-15	3.5/5	Collect Sample GE-WAA-06 / 10-13.4
12													
13													
14	NO RECOVERY		SP										
15	SAND, FINE GRAINED, LIGHT BROWN 7.5YR 6/4, WET LOOSE SUBROUNDED POORLY GRADED BECOMES MEDIUM GRAINED												
16													

EXPLANATION	▼	Water Table (24 Hour)	GRAPHIC LOG LEGEND		DATE DRILLED	PAGE	
	▽	Water Table (Time of Boring)		CLAY	1/8/2020	2 of 3	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method		SILT		DEBRIS FILL	DRILLING METHOD
		SPLIT-BARREL		SAND		Highly Organic(peat)	DIRECT-PUSH
		THIN-WALLED TUBE		GRAVEL		SANDY CLAY	DRILLED BY
	AUGER		CLAYEY SAND			PLAINS ENV. SERVICES	
	CONTINUOUS SAMPLER		CLAYEY SILT			LOGGED BY	
	ROCK CORE		NO RECOVERY			M. CRAWFORD	
						EXISTING GRADE ELEVATION (FT. AMSL)	
						LOCATION OR GRID COORDINANTES	

SOIL BORING LOG

COMPANY Burns & McDonnell	PROJECT Vertical Profiling	LOCATION Cimarron Site	BORING NUMBER GE-WAA-06
---	--------------------------------------	----------------------------------	-----------------------------------

DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
17	SAND, MEDIUM GRAINED, LIGHT BROWN 7.5YR 6/4, WET LOOSE SUBROUNDED POORLY GRADED	[Symbol]	SP					15-17	2.0/2.0	Collect Sample GE-WAA-06 / 15-17
	SANDSTONE, RED, 2.5YR 4/6, WET FINE GRAINED, SLIGHTLY WEATHERED	[Symbol]	SS							
18	TD = 17 FT BGS BORING ABANDONED 1/8/20									
19										
20										
21										
22										
23										
24										

EXPLANATION	Water Table (24 Hour)	GRAPHIC LOG LEGEND	DATE DRILLED 1/8/2020	PAGE 3 of 3
	Water Table (Time of Boring)		CLAY DEBRIS FILL SILT Highly Organic(peat) SAND SANDY CLAY GRAVEL CLAYEY SAND SILTY CLAY CLAYEY SILT 	DRILLING METHOD DIRECT-PUSH
	PID NO. TYPE Identifies Sample by Number Sample Collection Method	SPLIT-BARREL AUGER ROCK CORE THIN-WALLED TUBE CONTINUOUS SAMPLER NO RECOVERY		DRILLED BY PLAINS ENV. SERVICES
			LOGGED BY M. CRAWFORD	
			EXISTING GRADE ELEVATION (FT. AMSL) 	
	LOCATION OR GRID COORDINATES 			

SOIL BORING LOG

COMPANY Burns & McDonnell	PROJECT Vertical Profiling	LOCATION Cimarron Site	BORING NUMBER GE-WAA-09
---	--------------------------------------	----------------------------------	-----------------------------------

DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
1	SILT, SOME FINE AND , DARK RED 2.5YR 3/6, SOFT, TRACE PLASTICITY SAND, FINE GRAINED, REDDISH YELLOW, 7.5YR 6/6, MOIST, LOOSE, SUBROUNDED, POORLY GRADED	 	ML SP					0-5 1/5		
2										
3	NO RECOVERY									Collect Sample GE-WAA-09 / 0-10 10 FOOT INTERVAL SAMPLED DUE TO POOR RECOVERY
4										
5	SAND, FINE GRAINED, REDDISH YELLOW, 7.5YR 6/6, MOIST, LOOSE, SUBROUNDED, POORLY GRADED		SP					5-10 1/5		
6	BECOMES WET									
7	NO RECOVERY									
8										

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND	DATE DRILLED	PAGE	
		Water Table (Time of Boring)		12/19/2019	1 of 3	
		PID Photoionization Detection (ppm) Identifies Sample by Number	CLAY	DEBRIS FILL	DRILLING METHOD	
		SPLIT-BARREL	SILT	Highly Organic(peat)	DIRECT-PUSH	
		THIN-WALLED TUBE	SAND	SANDY CLAY	DRILLED BY	
	AUGER	GRAVEL	CLAYEY SAND	PLAINS ENV. SERVICES		
	ROCK CORE	SILTY CLAY		LOGGED BY		
	CONTINUOUS SAMPLER	CLAYEY SILT		M. CRAWFORD		
	NO RECOVERY			EXISTING GRADE ELEVATION (FT. AMSL)		
				LOCATION OR GRID COORDINANTES		

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-WAA-09			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
9	NO RECOVERY								
10	SAND, FINE TO MEDIUM GRAINED, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED	[Graphic Log Pattern]	SP				10-15	5/5	Collect Sample GE-WAA-09 / 10-15
11									
12	SAND, FINE GRAINED, WITH SOME SILT, LIGHT BROWN, 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED								
13	SAND, FINE TO COARSE GRAINED, SOME SILT, LIGHT BROWN 7.5YR 6/4, WET, LOOSE, SUBROUNDED, WELL GRADED		SW						
14	SAND, FINE TO MEDIUM GRAINED, LIGHT BROWN, 7.5YR 6/4, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP						
15									
16	SANDSTONE, RED 2.5YR 4/6, WET, HIGHLY SEATHERED, FINE GRAINED		SS						

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		DATE DRILLED	PAGE
		Water Table (Time of Boring)			12/19/2019	2 of 3
		PID Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method			DRILLING METHOD	
		SPLIT-BARREL			DIRECT-PUSH	
		THIN-WALLED TUBE			DRILLED BY	
	AUGER			PLAINS ENV. SERVICES		
	CONTINUOUS SAMPLER			LOGGED BY		
	ROCK CORE			M. CRAWFORD		
	NO RECOVERY			EXISTING GRADE ELEVATION (FT. AMSL)		
				LOCATION OR GRID COORDINATES		

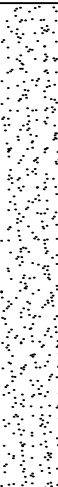

SOIL BORING LOG




















COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-WAA-09		
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
17	MUDSTONE, RED, 2.5YR 4/6, SOFT, WET							15-20	5/5	Collect Sample GE-WAA-09 / 15-20
18	SANDSTONE LENS, FINE GRAINED		MS							
19	SANDSTONE LENS, FINE GRAINED									
20	TD = 20 FT BGS BORING ABANDONED 12/19/19									
21										
22										
23										
24										

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND				DATE DRILLED	PAGE
		Water Table (Time of Boring)		CLAY		DEBRIS FILL	12/19/2019	3 of 3
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method		SILT		Highly Organic(peat)	DRILLING METHOD	
		SPLIT-BARREL		SAND		SANDY CLAY	DIRECT-PUSH	
		THIN-WALLED TUBE		GRAVEL		CLAYEY SAND	DRILLED BY	
	AUGER		SILTY CLAY		MUDSTONE	PLAINS ENV. SERVICES		
	CONTINUOUS SAMPLER		CLAYEY SILT			LOGGED BY		
	ROCK CORE					M. CRAWFORD		
	NO RECOVERY					EXISTING GRADE ELEVATION (FT. AMSL)		
						LOCATION OR GRID COORDINANTES		

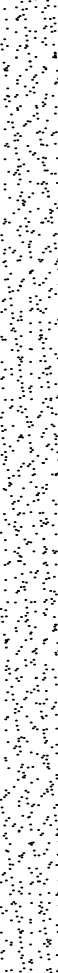
SOIL BORING LOG



















COMPANY Burns & McDonnell	PROJECT Vertical Profiling	LOCATION Cimarron Site	BORING NUMBER GE-WAA-13
---	--------------------------------------	----------------------------------	-----------------------------------

DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
1	NO SAMPLE COLLECTED									
2										
3										
4										
5	SAND, FINE GRAINED, REDDISH YELLOW 7.5YR 6/6, MOIST, LOOSE, SUBROUNDED, POORLY GRADED		SP							Collect Sample GE-WAA-13 / 5-8 FOR GSD 
6	BECOMES WET							5-10	3/5	
7	SAND, FINE GRAINED, REDDISH YELLOW, 7.5YR 6/6, LOOSE, SUBROUNDED, POORLY GRADED, W/ SILT AND CLAY LENSES									
8	BECOMES WITHOUT CLAY/SILT LENSES									

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND	DATE DRILLED	PAGE	
		Water Table (Time of Boring)		1/8/2020	1 of 3	
		PID Photoionization Detection (ppm)	 CLAY	 DEBRIS FILL	DRILLING METHOD	
		SPLIT-BARREL	 SILT	 Highly Organic(peat)	DIRECT-PUSH	
		THIN-WALLED TUBE	 SAND	 SANDY CLAY	DRILLED BY	
	AUGER	 GRAVEL	 CLAYEY SAND	PLAINS ENV. SERVICES		
	CONTINUOUS SAMPLER	 SILTY CLAY	 CLAYEY SILT	LOGGED BY		
	ROCK CORE	 NO RECOVERY		M. CRAWFORD		
				EXISTING GRADE ELEVATION (FT. AMSL)		
				LOCATION OR GRID COORDINATES		

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-WAA-13			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
9	NO RECOVERY								
10	SAND, MEDIUM GRAINED, REDDISH YELLOW, 7.5YR 6/6, LOOSE, WET SUBROUNDED, POORLY GRADED		SP				10-15		Core sleeve sandlocked in sampler. Had to tap sample out of sample. Recovery unknown. Logged Cuttings.
11									
12									Collect Sample GE-WAA-13 / 10 - 15 FOR GSD
13									
14									
15									
16									

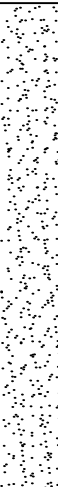





















EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		CLAY		DEBRIS FILL	DATE DRILLED	PAGE	
		Water Table (Time of Boring)			SILT		Highly Organic(peat)	1/8/2020	2 of 3	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method			SAND		SANDY CLAY	DRILLING METHOD		
		SPLIT- BARREL			AUGER		ROCK CORE	DRILLED BY		
		THIN- WALLED TUBE			CONTINUOUS SAMPLER		NO RECOVERY	LOGGED BY		
					CLAYEY SILT			EXISTING GRADE ELEVATION (FT. AMSL)		
								LOCATION OR GRID COORDINANTES		

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-WAA-13			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
17	SAND, MEDIUM GRAINED, REDDISH YELLOW, 7.5YR 6/6, LOOSE, WET SUBROUNDED, POORLY GRADED	[Dotted Pattern]	SP						Core sleeve sandlocked in sampler. Had to tap sample out of sample. Recovery unknown. Logged Cuttings. Collect Sample GE-WAA-13 / 15 - 18.2 FOR GSD
18	SANDSTONE, RED, FINE GRAINED, SOFT, WET, MODERATELY WEATHERED	[Dotted Pattern]	SS				15-18.2		
19	TD = 18.2 FT BGS BORING ABANDONED 1/8/20								
20									
21									
22									
23									
24									

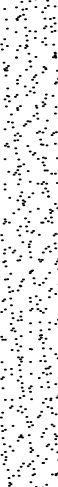

EXPLANATION	▼	Water Table (24 Hour)	GRAPHIC LOG LEGEND		DATE DRILLED	PAGE	
	▽	Water Table (Time of Boring)	[Diagonal Lines]	CLAY	1/8/2020	3 of 3	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method	[Vertical Lines]	SILT	[Debris]	DRILLING METHOD	
	[X]	SPLIT-BARREL	[Horizontal Lines]	SAND	[Wavy]	DIRECT-PUSH	
	[Black Box]	THIN-WALLED TUBE	[Dotted]	GRAVEL	[Cross-hatch]	DRILLED BY	
[White Box]	AUGER	[Dotted]	SILTY CLAY	[Cross-hatch]	PLAINS ENV. SERVICES		
[Black Box]	CONTINUOUS SAMPLER	[Dotted]	CLAYEY SILT	[Cross-hatch]	LOGGED BY		
[White Box]	NO RECOVERY	[Dotted]	CLAYEY SAND	[Cross-hatch]	M. CRAWFORD		
		[Dotted]	CLAYEY SAND	[Cross-hatch]	EXISTING GRADE ELEVATION (FT. AMSL)		
		[Dotted]	CLAYEY SAND	[Cross-hatch]	LOCATION OR GRID COORDINATES		






















SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling			LOCATION Cimarron Site			BORING NUMBER GE-WAA-15	
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE			REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	
1	NO SAMPLE COLLECTED								
2									
3									
4									
5	SAND, FINE TO MEDIUM GRAINED, BROWNISH YELLOW 10YR 6/6, MOIST, LOOSE, SUBROUNDED, POORLY GRADED		SP				5-10	3/5	Collect Sample GE-WAA-15 / 5-8
6	BECOMES WET								
7									
8	BECOMES W/TRACE COARSE SAND								
EXPLANATION	 Water Table (24 Hour)  Water Table (Time of Boring) PID NO. TYPE Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method			GRAPHIC LOG LEGEND  CLAY  SILT  SAND  GRAVEL  SILTY CLAY  CLAYEY SILT  DEBRIS FILL  Highly Organic(peat)  SANDY CLAY  CLAYEY SAND  			DATE DRILLED 12/17/19	PAGE 1 of 4	
	 SPLIT-BARREL  THIN-WALLED TUBE  AUGER  CONTINUOUS SAMPLER  ROCK CORE  NO RECOVERY						DRILLING METHOD DIRECT-PUSH		
							DRILLED BY PLAINS ENV. SERVICES		
							LOGGED BY M. CRAWFORD		
							EXISTING GRADE ELEVATION (FT. AMSL)		
						LOCATION OR GRID COORDINATES			

SOIL BORING LOG

COMPANY Burns & McDonnell	PROJECT Vertical Profiling	LOCATION Cimarron Site	BORING NUMBER GE-WAA-15
---	--------------------------------------	----------------------------------	-----------------------------------

DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
9	NO RECOVERY									
10	SAND, FINE TO MEDIUM GRAINED, BROWNISH YELLOW 10YR 6/6, WET, LOOSE, SUBROUNDED, POORLY GRADED		SP					10-15	3/5	Collect Sample GE-WAA-15 / 10 - 13
11										
12										
13	NO RECOVERY									
14	NO RECOVERY									
15	SAND, FINE TO MEDIUM GRAINED, BROWNISH YELLOW 10YR 6/6, WET, LOOSE, SUBROUNDED, POORLY GRADED, TRACE COARSE SAND		SP							
16										

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND	DATE DRILLED	PAGE	
		Water Table (Time of Boring)		12/17/19	2 of 4	
		PID Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method		CLAY		DEBRIS FILL
		SPLIT-BARREL		SILT		Highly Organic(peat)
		THIN-WALLED TUBE		SAND		SANDY CLAY
	AUGER		GRAVEL		CLAYEY SAND	
	CONTINUOUS SAMPLER		SILTY CLAY			
	ROCK CORE		CLAYEY SILT			
	NO RECOVERY					

DRILLING METHOD	DIRECT-PUSH
DRILLED BY	PLAINS ENV. SERVICES
LOGGED BY	M. CRAWFORD
EXISTING GRADE ELEVATION (FT. AMSL)	
LOCATION OR GRID COORDINATES	

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site		BORING NUMBER GE-WAA-15		
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE		REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	
17	SAND, FINE TO MEDIUM GRAINED, BROWNISH YELLOW 10YR 6/6, WET, LOOSE, SUBROUNDED, POORLY GRADED, TRACE COARSE SAND	[Dotted Pattern]	SP					
18	CLAY, 10YR 2/2 VERY DARK BROWN MEDIUM STIFF, HIGH PLASTICITY, WET	[Diagonal Hatching]	CH				15-20 5/5	Collect Sample GE-WAA-15 / 15-20
19	SAND, MEDIUM TO COARSE, GRAINED, BROWNISH YELLOW 10YR 5/6, WET, LOOSE, SUBROUNDED, POORLY GRADED, TRACE FINE SAND	[Dotted Pattern]						
20	SAND, FINE TO MEDIUM GRAINED, BROWNISH YELLOW 10YR 6/6, WET, LOOSE, SUBROUNDED, POORLY GRADED	[Dotted Pattern]	SP					
21		[Dotted Pattern]					20-25 4.5/5	Collect Sample GE-WAA-15 / 20 - 25
22		[Dotted Pattern]						
23		[Dotted Pattern]						
24		[Dotted Pattern]						

EXPLANATION	▼	Water Table (24 Hour)	GRAPHIC LOG LEGEND		DATE DRILLED	PAGE		
	▽	Water Table (Time of Boring)	[Diagonal Hatching]	CLAY	[Debris Icon]	DEBRIS FILL	12/17/19	3 of 4
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method	[Vertical Lines]	SILT	[Wavy Pattern]	Highly Organic(peat)	DRILLING METHOD DIRECT-PUSH	
	[Split Barrel Icon]	SPLIT-BARREL	[Dotted Pattern]	SAND	[Sandy Clay Icon]	SANDY CLAY	DRILLED BY PLAINS ENV. SERVICES	
	[Thin-Walled Tube Icon]	THIN-WALLED TUBE	[Auger Icon]	AUGER	[Gravel Icon]	GRAVEL	LOGGED BY M. CRAWFORD	
[Continuous Sampler Icon]	CONTINUOUS SAMPLER	[Rock Core Icon]	ROCK CORE	[Silty Clay Icon]	SILTY CLAY	EXISTING GRADE ELEVATION (FT. AMSL)		
[No Recovery Icon]	NO RECOVERY	[Clayey Sand Icon]	CLAYEY SAND	[Clayey Silt Icon]	CLAYEY SILT	LOCATION OR GRID COORDINANTES		

SOIL BORING LOG

COMPANY Burns & McDonnell		PROJECT Vertical Profiling		LOCATION Cimarron Site			BORING NUMBER GE-WAA-15			
DEPTH IN FEET	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	UNIFIED SOIL FIELD CLASS.	BLOWS PER FOOT	PID (ppm)	SOIL SAMPLE				REMARKS OR FIELD OBSERVATIONS
						NO.	TYPE	DEPTH	REC.	
25	SAND, FINE TO MEDIUM GRAINED, BROWNISH YELLOW, 10YR 6/6, LOOSE, WET SUBROUNDED, POORLY GRADED	[Graphic: Sand]	SP							Collect Sample GE-WAA-15 / 25 - 27
26	SAND, FINE TO COARSE GRAINED, SOME FINE GRAVELS, BROWNISH YELLOW, 10YR 6/6, LOOSE, WET SUBROUNDED, WELL GRADED	[Graphic: Sand]	SW							
27	SANDSTONE, FINE GRAINED, RED, 2.5YR 4/6, MODERATELY HARD, WET	[Graphic: Sandstone]	SS							
28	TD = 27.5 FT BGS BORING ABANDONED 12/17/19									
29										
30										
31										
32										

EXPLANATION		Water Table (24 Hour)	GRAPHIC LOG LEGEND		DATE DRILLED	PAGE	
		Water Table (Time of Boring)			12/17/19	4 of 4	
	PID NO. TYPE	Photoionization Detection (ppm) Identifies Sample by Number Sample Collection Method		CLAY		DEBRIS FILL	DRILLING METHOD
		SPLIT-BARREL		SILT		Highly Organic(peat)	DIRECT-PUSH
		AUGER		SAND		SANDY CLAY	DRILLED BY
	THIN-WALLED TUBE		GRAVEL		CLAYEY SAND	PLAINS ENV. SERVICES	
	CONTINUOUS SAMPLER		SILTY CLAY			LOGGED BY	
	ROCK CORE		CLAYEY SILT			M. CRAWFORD	
	NO RECOVERY					EXISTING GRADE ELEVATION (FT. AMSL)	
						LOCATION OR GRID COORDINANTES	

APPENDIX D – OWRB WELL PLUGGING REPORTS

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198595

x								

Quarters SE-SW-NW Section 12 Township 16N Range 04W

Latitude <u>35.8786404</u>	Longitude <u>-97.582764</u>
Date collected(latitude and longitude), if different from date the well was drilled: <u>12/17/2019</u>	
Method latitude and longitude was collected: <u>GPS - uncorrected data</u>	

«——— One Mile ———»
Each square is 10-acres

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1319A-1

Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATION

Filter Pack Material:

WELL SEAL INFORMATION

Type of Surface Seal n/a

Surface Seal Interval: From n/a ft to n/a ft

Type of Annular Seal n/a

Annular Seal Interval: From n/a ft to n/a ft

Filter Pack Seal Material n/a

Filter Pack Seal Interval: From n/a ft to n/a ft

TYPE OF COMPLETION:

HYDROLOGIC INFORMATION

Depth to water at time of drilling ft

Estimated yield of well gpm

First water zone ft

LITHOLOGY DESCRIPTION

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTION

Has this well been disinfected after completion of work? No

Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a

Distance of Well is n/a from possible source. Type of possible source: n/a

PLUGGING INFORMATION

Date Well or Boring Was Plugged 12/17/2019

Total Depth of well being plugged 40 ft.

Was the well contaminated or was it plugged as though it was contaminated? Yes

If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No

Was the grout tremied? Yes

Backfilled with Native Materials

Backfilled from 0 ft. to 4 ft.

Grouted with Cement Grout

Grouted from 4 ft. to 40 ft.

Grouted with Cement

Grouted from 4 ft. to 40 ft.

Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269

Operator Name BILLY GRAHAM OP No. OP-0957

Date 02/13/2020

Comments: Well was Plugged in Place



MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT

Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198598

X							

Quarters NW-NW-SW Section 12 Township 16N Range 04W1

Latitude <u>35.8784628</u>	Longitude <u>-97.5830773</u>
Date collected(latitude and longitude), if different from date the well was drilled: <u>12/17/2019</u>	
Method latitude and longitude was collected: <u>GPS - uncorrected data</u>	

«————» One Mile «————»
Each square is 10-acres

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust Phone (405) 642-5152
Address/City/State 9400 Ward Parkway Kansas City MO Zip 64114
Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152
Well Name 1319A-2 Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed
Number of wells or borings represented by this log 1
* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019 Total Depth of well being plugged 40 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 40 ft.Grouted with Cement Grouted from 4 ft. to 40 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Plugged in Place



MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT

Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198599

Grid map showing a 10x10 grid with a small 'X' in the 3rd row, 2nd column.

Quarters NE-NW-SW Section 12 Township 16N Range 04W1

Latitude 35.8785375 Longitude -97.5827035
Date collected(latitude and longitude), if different from date the well was drilled: 12/17/2019
Method latitude and longitude was collected: GPS - uncorrected data

«— One Mile —»
Each square is 10-acres

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust Phone (405) 642-5152
Address/City/State 9400 Ward Parkway Kansas City MO Zip 64114
Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152
Well Name 1319A-3 Water Rights #:

TYPE OF WORK: Monitoring Well USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed
Number of wells or borings represented by this log 1
* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.
Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATION

Filter Pack Material:

WELL SEAL INFORMATION

Type of Surface Seal n/a

Surface Seal Interval: From n/a ft to n/a ft

Type of Annular Seal n/a

Annular Seal Interval: From n/a ft to n/a ft

Filter Pack Seal Material n/a

Filter Pack Seal Interval: From n/a ft to n/a ft

TYPE OF COMPLETION:

HYDROLOGIC INFORMATION

Depth to water at time of drilling ft

Estimated yield of well gpm

First water zone ft

LITHOLOGY DESCRIPTION

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTION

Has this well been disinfected after completion of work? No

Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a

Distance of Well is n/a from possible source. Type of possible source: n/a

PLUGGING INFORMATION

Date Well or Boring Was Plugged 12/17/2019

Total Depth of well being plugged 40 ft.

Was the well contaminated or was it plugged as though it was contaminated? Yes

If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No

Was the grout tremied? Yes

Backfilled with Native Materials

Backfilled from 0 ft. to 4 ft.

Grouted with Cement Grout

Grouted from 4 ft. to 40 ft.

Grouted with Cement

Grouted from 4 ft. to 40 ft.

Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269

Operator Name BILLY GRAHAM OP No. OP-0957

Date 02/13/2020

Comments: Well was Plugged in Place

FILTER PACK INFORMATION

Filter Pack Material:

WELL SEAL INFORMATION

Type of Surface Seal n/a

Surface Seal Interval: From n/a ft to n/a ft

Type of Annular Seal n/a

Annular Seal Interval: From n/a ft to n/a ft

Filter Pack Seal Material n/a

Filter Pack Seal Interval: From n/a ft to n/a ft

TYPE OF COMPLETION:

HYDROLOGIC INFORMATION

Depth to water at time of drilling ft

Estimated yield of well gpm

First water zone ft

LITHOLOGY DESCRIPTION

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTION

Has this well been disinfected after completion of work? No

Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a

Distance of Well is n/a from possible source. Type of possible source: n/a

PLUGGING INFORMATION

Date Well or Boring Was Plugged 12/17/2019

Total Depth of well being plugged 80 ft.

Was the well contaminated or was it plugged as though it was contaminated? Yes

If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No

Was the grout tremied? Yes

Backfilled with Native Materials

Backfilled from 0 ft. to 4 ft.

Grouted with Cement Grout

Grouted from 4 ft. to 80 ft.

Grouted with Cement

Grouted from 4 ft. to 80 ft.

Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269

Operator Name BILLY GRAHAM

OP No. OP-0957

Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198588

Grid table with 10 columns and 10 rows. An 'X' is marked in the second row, first column.

«----- One Mile -----»
Each square is 10-acres

Quarters SW-SW-NW Section 12 Township 16N Range 04WI

Latitude 35.8795986 Longitude -97.5833334
Date collected(latitude and longitude), if different from date the well was drilled: 12/17/2019
Method latitude and longitude was collected: GPS - uncorrected data

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1319B-5

Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

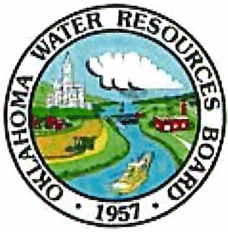
FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019 Total Depth of well being plugged 82 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 82 ft.Grouted with Cement Grouted from 4 ft. to 82 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198597

Grid table with 10 columns and 10 rows. An 'X' is marked in the second row, first column.

«———— One Mile —————»
Each square is 10-acres

Quarters SW-SW-NW Section 12 Township 16N Range 04WI

Latitude 35.8786548 Longitude -97.5844375
Date collected(latitude and longitude), if different from date the well was drilled: 12/17/2019
Method latitude and longitude was collected: GPS - uncorrected data

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1319C-1

Water Rights #: _____

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed _____

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: _____ Surface Pipe Diameter _____ inches Surface Pipe From _____ ft to _____ ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/aSurface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/aAnnular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/aFilter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? NoAre there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/aDistance of Well is n/a from possible source. Type of possible source: n/a**PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019Total Depth of well being plugged 120 ft.Was the well contaminated or was it plugged as though it was contaminated? YesIf the well or boring was plugged as if it was contaminated, was the casing removed or perforated? NoWas the grout tremied? YesBackfilled with Native MaterialsBackfilled from 0 ft. to 4 ft.Grouted with Cement GroutGrouted from 4 ft. to 120 ft.Grouted with CementGrouted from 4 ft. to 120 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269Operator Name BILLY GRAHAMOP No. OP-0957Date 02/13/2020

Comments: Well was Plugged in Place

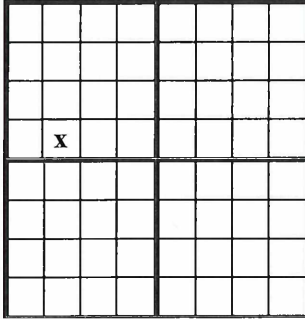
MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198594



Quarters SE-SW-NW Section 12 Township 16N Range 04W1

Latitude 35.8786404 Longitude -97.5827645
Date collected(latitude and longitude), if different from date the well was drilled: 12/17/2019
Method latitude and longitude was collected: GPS - uncorrected data

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1319C-2

Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATION

Filter Pack Material:

WELL SEAL INFORMATION

Type of Surface Seal n/a

Surface Seal Interval: From n/a ft to n/a ft

Type of Annular Seal n/a

Annular Seal Interval: From n/a ft to n/a ft

Filter Pack Seal Material n/a

Filter Pack Seal Interval: From n/a ft to n/a ft

TYPE OF COMPLETION:

HYDROLOGIC INFORMATION

Depth to water at time of drilling ft

Estimated yield of well gpm

First water zone ft

LITHOLOGY DESCRIPTION

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTION

Has this well been disinfected after completion of work? No

Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a

Distance of Well is n/a from possible source. Type of possible source: n/a

PLUGGING INFORMATION

Date Well or Boring Was Plugged 12/17/2019

Total Depth of well being plugged 120 ft.

Was the well contaminated or was it plugged as though it was contaminated? Yes

If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No

Was the grout tremied? Yes

Backfilled with Native Materials

Backfilled from 0 ft. to 4 ft.

Grouted with Cement Grout

Grouted from 4 ft. to 120 ft.

Grouted with Cement

Grouted from 4 ft. to 120 ft.

Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269

Operator Name BILLY GRAHAM OP No. OP-0957

Date 02/13/2020

Comments: Well was Plugged in Place

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/aSurface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/aAnnular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/aFilter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? NoAre there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/aDistance of Well is n/a from possible source. Type of possible source: n/a**PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019Total Depth of well being plugged 116.5 ft.Was the well contaminated or was it plugged as though it was contaminated? YesIf the well or boring was plugged as if it was contaminated, was the casing removed or perforated? NoWas the grout tremied? YesBackfilled with Native MaterialsBackfilled from 0 ft. to 4 ft.Grouted with Cement GroutGrouted from 4 ft. to 116.5 ft.Grouted with CementGrouted from 4 ft. to 116.5 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269Operator Name BILLY GRAHAMOP No. OP-0957Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198585

Grid table with 10 columns and 10 rows. An 'X' is marked in the 2nd row, 1st column.

«----- One Mile -----»
Each square is 10-acres

Quarters SW-SW-NW Section 12 Township 16N Range 04WI

Latitude 35.8798385 Longitude -97.58422195
Date collected(latitude and longitude), if different from date the well was drilled: 12/17/2019
Method latitude and longitude was collected: GPS - uncorrected data

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1322

Water Rights #: _____

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed _____

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: _____ Surface Pipe Diameter _____ inches Surface Pipe From _____ ft to _____ ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019 Total Depth of well being plugged 38.8 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 38.8 ft.Grouted with Cement Grouted from 4 ft. to 38.8 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location

North

Grid map showing a 10x10 grid with an 'x' in the second square from the left and top. Below the grid is a scale bar labeled 'One Mile' and 'Each square is 10-acres'.

WELL ID NUMBER: 198584

Quarters SW-SW-NW Section 12 Township 16N Range 04W

Latitude 35.8798385 Longitude -97.5842219
Date collected(latitude and longitude), if different from date the well was drilled: 12/17/2019
Method latitude and longitude was collected: GPS - uncorrected data

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1323

Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019 Total Depth of well being plugged 129.6 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 129.6 ft.Grouted with Cement Grouted from 4 ft. to 129.6 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198601

Grid table with 10 columns and 10 rows. An 'X' is marked in the 3rd row, 1st column.

«———— One Mile —————»
Each square is 10-acres

Quarters NW-NW-SW Section 12 Township 16N Range 04WI

Latitude 35.8781873 Longitude -97.58338
Date collected(latitude and longitude), if different from date the well was drilled: 12/17/2019
Method latitude and longitude was collected: GPS - uncorrected data

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1325

Water Rights #: _____

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed _____

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: _____ Surface Pipe Diameter _____ inches Surface Pipe From _____ ft to _____ ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/aSurface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/aAnnular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/aFilter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? NoAre there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/aDistance of Well is n/a from possible source. Type of possible source: n/a**PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019Total Depth of well being plugged 48.3 ft.Was the well contaminated or was it plugged as though it was contaminated? YesIf the well or boring was plugged as if it was contaminated, was the casing removed or perforated? NoWas the grout tremied? YesBackfilled with Native MaterialsBackfilled from 0 ft. to 4 ft.Grouted with Cement GroutGrouted from 4 ft. to 48.3 ft.Grouted with CementGrouted from 4 ft. to 48.3 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269Operator Name BILLY GRAHAMOP No. OP-0957Date 02/13/2020

Comments: Well was Plugged in Place

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019 Total Depth of well being plugged 45.1 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 45.1 ft.Grouted with Cement Grouted from 4 ft. to 45.1 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198602

X					

Quarters NW-NW-SW Section 12 Township 16N Range 04WI

Latitude <u>35.8780284</u>	Longitude <u>-97.5834654</u>
Date collected(latitude and longitude), if different from date the well was drilled: <u>12/17/2019</u>	
Method latitude and longitude was collected: <u>GPS - uncorrected data</u>	

«----- One Mile -----»
Each square is 10-acres

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1327B

Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019 Total Depth of well being plugged 51.8 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 51.8 ft.Grouted with Cement Grouted from 4 ft. to 51.8 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
 3800 North Classen Boulevard
 Oklahoma City, OK 73118
 Telephone (405) 530-8800

Legal Location
 North

WELL ID NUMBER: 198603

X				

Quarters NW-NW-SW Section 12 Township 16N Range 04W1

Latitude 35.87800284 Longitude -97.5834659
 Date collected(latitude and longitude), if different from date the well was drilled: 12/17/2019
 Method latitude and longitude was collected: GPS - uncorrected data

«———— One Mile —————»
 Each square is 10-acres

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1328

Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019 Total Depth of well being plugged 137.8 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 137.8 ft.Grouted with Cement Grouted from 4 ft. to 137.8 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Plugged in Place

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019 Total Depth of well being plugged 47.8 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 47.8 ft.Grouted with Cement Grouted from 4 ft. to 47.8 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198606

Grid table with 10 columns and 10 rows. An 'X' is marked in the 2nd row, 1st column.

«----- One Mile -----»
Each square is 10-acres

Quarters NW-NW-SW Section 12 Township 16N Range 04W1

Latitude 35.8778833 Longitude -97.5841609
Date collected(latitude and longitude), if different from date the well was drilled: 12/18/2019
Method latitude and longitude was collected: GPS - uncorrected data

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1330

Water Rights #: _____

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed _____

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: _____ Surface Pipe Diameter _____ inches Surface Pipe From _____ ft to _____ ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATION

Filter Pack Material:

WELL SEAL INFORMATION

Type of Surface Seal n/a

Surface Seal Interval: From n/a ft to n/a ft

Type of Annular Seal n/a

Annular Seal Interval: From n/a ft to n/a ft

Filter Pack Seal Material n/a

Filter Pack Seal Interval: From n/a ft to n/a ft

TYPE OF COMPLETION:

HYDROLOGIC INFORMATION

Depth to water at time of drilling ft

Estimated yield of well gpm

First water zone ft

LITHOLOGY DESCRIPTION

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTION

Has this well been disinfected after completion of work? No

Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a

Distance of Well is n/a from possible source. Type of possible source: n/a

PLUGGING INFORMATION

Date Well or Boring Was Plugged 12/18/2019

Total Depth of well being plugged 41.5 ft.

Was the well contaminated or was it plugged as though it was contaminated? Yes

If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No

Was the grout tremied? Yes

Backfilled with Native Materials

Backfilled from 0 ft. to 4 ft.

Grouted with Cement Grout

Grouted from 4 ft. to 41.5 ft.

Grouted with Cement

Grouted from 4 ft. to 41.5 ft.

Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269

Operator Name BILLY GRAHAM

OP No. OP-0957

Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198604

X					

Quarters NW-SW-NW Section 12 Township 16N Range 04WI

Latitude <u>35.8804546</u>	Longitude <u>-97.5835232</u>
Date collected(latitude and longitude), if different from date the well was drilled: <u>12/18/2019</u>	
Method latitude and longitude was collected: <u>GPS - uncorrected data</u>	

«———— One Mile —————»
Each square is 10-acres

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1332

Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATION

Filter Pack Material:

WELL SEAL INFORMATION

Type of Surface Seal n/a

Surface Seal Interval: From n/a ft to n/a ft

Type of Annular Seal n/a

Annular Seal Interval: From n/a ft to n/a ft

Filter Pack Seal Material n/a

Filter Pack Seal Interval: From n/a ft to n/a ft

TYPE OF COMPLETION:

HYDROLOGIC INFORMATION

Depth to water at time of drilling ft

Estimated yield of well gpm

First water zone ft

LITHOLOGY DESCRIPTION

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTION

Has this well been disinfected after completion of work? No

Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a

Distance of Well is n/a from possible source. Type of possible source: n/a

PLUGGING INFORMATION

Date Well or Boring Was Plugged 12/18/2019

Total Depth of well being plugged 118 ft.

Was the well contaminated or was it plugged as though it was contaminated? Yes

If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No

Was the grout tremied? Yes

Backfilled with Native Materials

Backfilled from 0 ft. to 4 ft.

Grouted with Cement Grout

Grouted from 4 ft. to 118 ft.

Grouted with Cement

Grouted from 4 ft. to 118 ft.

Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269

Operator Name BILLY GRAHAM

OP No. OP-0957

Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location
North

WELL ID NUMBER: 198605

X							

Quarters NW-SW-NW Section 12 Township 16N Range 04WI

Latitude <u>35.8804546</u>	Longitude <u>-97.5835232</u>
Date collected(latitude and longitude), if different from date the well was drilled: <u>12/18/2019</u>	
Method latitude and longitude was collected: <u>GPS - uncorrected data</u>	

«———— One Mile —————»
Each square is 10-acres

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1333

Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATION

Filter Pack Material:

WELL SEAL INFORMATION

Type of Surface Seal n/a

Surface Seal Interval: From n/a ft to n/a ft

Type of Annular Seal n/a

Annular Seal Interval: From n/a ft to n/a ft

Filter Pack Seal Material n/a

Filter Pack Seal Interval: From n/a ft to n/a ft

TYPE OF COMPLETION:

HYDROLOGIC INFORMATION

Depth to water at time of drilling ft

Estimated yield of well gpm

First water zone ft

LITHOLOGY DESCRIPTION

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTION

Has this well been disinfected after completion of work? No

Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a

Distance of Well is n/a from possible source. Type of possible source: n/a

PLUGGING INFORMATION

Date Well or Boring Was Plugged 12/18/2019

Total Depth of well being plugged 34.8 ft.

Was the well contaminated or was it plugged as though it was contaminated? Yes

If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No

Was the grout tremied? Yes

Backfilled with Native Materials

Backfilled from 0 ft. to 4 ft.

Grouted with Cement Grout

Grouted from 4 ft. to 34.8 ft.

Grouted with Cement

Grouted from 4 ft. to 34.8 ft.

Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269

Operator Name BILLY GRAHAM

OP No. OP-0957

Date 02/13/2020

Comments: Well was Plugged in Place

FILTER PACK INFORMATION

Filter Pack Material:

WELL SEAL INFORMATION

Type of Surface Seal n/a

Surface Seal Interval: From n/a ft to n/a ft

Type of Annular Seal n/a

Annular Seal Interval: From n/a ft to n/a ft

Filter Pack Seal Material n/a

Filter Pack Seal Interval: From n/a ft to n/a ft

TYPE OF COMPLETION:

HYDROLOGIC INFORMATION

Depth to water at time of drilling ft

Estimated yield of well gpm

First water zone ft

LITHOLOGY DESCRIPTION

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTION

Has this well been disinfected after completion of work? No

Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a

Distance of Well is n/a from possible source. Type of possible source: n/a

PLUGGING INFORMATION

Date Well or Boring Was Plugged 12/16/2019

Total Depth of well being plugged 22.8 ft.

Was the well contaminated or was it plugged as though it was contaminated? Yes

If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? Yes

Was the grout tremied? Yes

Backfilled with Native Materials

Backfilled from 0 ft. to 4 ft.

Grouted with Cement Grout

Grouted from 4 ft. to 22.8 ft.

Grouted with Cement

Grouted from 4 ft. to 22.8 ft.

Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269

Operator Name BILLY GRAHAM OP No. OP-0957

Date 02/13/2020

Comments: Well was Drilled Out and Plugged

FILTER PACK INFORMATION

Filter Pack Material:

WELL SEAL INFORMATION

Type of Surface Seal n/a

Surface Seal Interval: From n/a ft to n/a ft

Type of Annular Seal n/a

Annular Seal Interval: From n/a ft to n/a ft

Filter Pack Seal Material n/a

Filter Pack Seal Interval: From n/a ft to n/a ft

TYPE OF COMPLETION:

HYDROLOGIC INFORMATION

Depth to water at time of drilling ft

Estimated yield of well gpm

First water zone ft

LITHOLOGY DESCRIPTION

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTION

Has this well been disinfected after completion of work? No

Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a

Distance of Well is n/a from possible source. Type of possible source: n/a

PLUGGING INFORMATION

Date Well or Boring Was Plugged 12/17/2019

Total Depth of well being plugged 218 ft.

Was the well contaminated or was it plugged as though it was contaminated? Yes

If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No

Was the grout tremied? Yes

Backfilled with Native Materials

Backfilled from 0 ft. to 4 ft.

Grouted with Cement Grout

Grouted from 4 ft. to 218 ft.

Grouted with Cement

Grouted from 4 ft. to 218 ft.

Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269

Operator Name BILLY GRAHAM

OP No. OP-0957

Date 02/13/2020

Comments: Well was Plugged in Place

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/16/2019 Total Depth of well being plugged 24.4 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? Yes Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 24.4 ft.Grouted with Cement Grouted from 4 ft. to 24.4 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Drilled Out and Plugged

FILTER PACK INFORMATION

Filter Pack Material:

WELL SEAL INFORMATION

Type of Surface Seal n/a

Surface Seal Interval: From n/a ft to n/a ft

Type of Annular Seal n/a

Annular Seal Interval: From n/a ft to n/a ft

Filter Pack Seal Material n/a

Filter Pack Seal Interval: From n/a ft to n/a ft

TYPE OF COMPLETION:

HYDROLOGIC INFORMATION

Depth to water at time of drilling ft

Estimated yield of well gpm

First water zone ft

LITHOLOGY DESCRIPTION

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTION

Has this well been disinfected after completion of work? No

Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a

Distance of Well is n/a from possible source. Type of possible source: n/a

PLUGGING INFORMATION

Date Well or Boring Was Plugged 12/16/2019

Total Depth of well being plugged 26.5 ft.

Was the well contaminated or was it plugged as though it was contaminated? Yes

If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? Yes

Was the grout tremied? Yes

Backfilled with Native Materials

Backfilled from 0 ft. to 4 ft.

Grouted with Cement Grout

Grouted from 4 ft. to 26.5 ft.

Grouted with Cement

Grouted from 4 ft. to 26.5 ft.

Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269

Operator Name BILLY GRAHAM

OP No. OP-0957

Date 02/13/2020

Comments: Well was Drilled Out and Plugged

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
 3800 North Classen Boulevard
 Oklahoma City, OK 73118
 Telephone (405) 530-8800

Legal Location
 North

WELL ID NUMBER: 198582

X					

Quarters SE-SW-NW Section 12 Township 16N Range 04W1

Latitude <u>35.8790104</u>	Longitude <u>-97.5810378</u>
Date collected(latitude and longitude), if different from date the well was drilled: <u>12/16/2019</u>	
Method latitude and longitude was collected: <u>GPS - uncorrected data</u>	

«----- One Mile -----»
 Each square is 10-acres

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust Phone (405) 642-5152
 Address/City/State 9400 Ward Parkway Kansas City MO Zip 64114
 Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152
 Well Name 1353 Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed
 Number of wells or borings represented by this log 1
 * (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/16/2019 Total Depth of well being plugged 15 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? Yes Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 15 ft.Grouted with Cement Grouted from 4 ft. to 15 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Drilled Out and Plugged

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/a Surface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/a Annular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/a Filter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? No Are there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/a Distance of Well is n/a from possible source. Type of possible source: n/a **PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/18/2019 Total Depth of well being plugged 40.7 ft.Was the well contaminated or was it plugged as though it was contaminated? Yes If the well or boring was plugged as if it was contaminated, was the casing removed or perforated? No Was the grout tremied? Yes Backfilled with Native Materials Backfilled from 0 ft. to 4 ft.Grouted with Cement Grout Grouted from 4 ft. to 40.7 ft.Grouted with Cement Grouted from 4 ft. to 40.7 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269 Operator Name BILLY GRAHAM OP No. OP-0957 Date 02/13/2020

Comments: Well was Plugged in Place

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/aSurface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/aAnnular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/aFilter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? NoAre there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/aDistance of Well is n/a from possible source. Type of possible source: n/a**PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019Total Depth of well being plugged 43.4 ft.Was the well contaminated or was it plugged as though it was contaminated? YesIf the well or boring was plugged as if it was contaminated, was the casing removed or perforated? NoWas the grout tremied? YesBackfilled with Native MaterialsBackfilled from 0 ft. to 4 ft.Grouted with Cement GroutGrouted from 4 ft. to 43.4 ft.Grouted with CementGrouted from 4 ft. to 43.4 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269Operator Name BILLY GRAHAMOP No. OP-0957Date 02/13/2020

Comments: Well was Plugged in Place

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/aSurface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/aAnnular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/aFilter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? NoAre there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/aDistance of Well is n/a from possible source. Type of possible source: n/a**PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019Total Depth of well being plugged 40.9 ft.Was the well contaminated or was it plugged as though it was contaminated? YesIf the well or boring was plugged as if it was contaminated, was the casing removed or perforated? NoWas the grout tremied? YesBackfilled with Native MaterialsBackfilled from 0 ft. to 4 ft.Grouted with Cement GroutGrouted from 4 ft. to 40.9 ft.Grouted with CementGrouted from 4 ft. to 40.9 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269Operator Name BILLY GRAHAMOP No. OP-0957Date 02/13/2020

Comments: Well was Plugged in Place

MULTI-PURPOSE WELL COMPLETION & PLUGGING REPORT



Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800

Legal Location

North

WELL ID NUMBER: 198586

X					

Quarters SW-SW-NW Section 12 Township 16N Range 04W

Latitude <u>35.8797972</u>	Longitude <u>-97.5839054</u>
Date collected(latitude and longitude), if different from date the well was drilled: <u>12/17/2019</u>	
Method latitude and longitude was collected: <u>GPS - uncorrected data</u>	

«———— One Mile —————»
Each square is 10-acres

County Logan

Variance Request No. (if applicable) n/a

WELL OWNER - NAME AND ADDRESS

Well Owner Cimarron Env. Response Trust

Phone (405) 642-5152

Address/City/State 9400 Ward Parkway Kansas City MO

Zip 64114

Finding Location Highway 74 1/2 mile North of Highway 33, Guthrie, OK 73044 Contact Jeff Lux (405) 642-5152

Well Name 1380

Water Rights #:

TYPE OF WORK: Monitoring Well

USE OF WELL: Site Assessment

NEW WELL CONSTRUCTION DATA

Date Well or Boring Was Completed

Number of wells or borings represented by this log 1

* (Borings are within the same 10 acre-tract and with the same general depths and lithologies)

CASING INFORMATION *Note: If surface casing is used please indicate that on the appropriate well casing information line.

Surface Pipe Material: Surface Pipe Diameter inches Surface Pipe From ft to ft

SCREEN OR PERFORATION INFORMATION

FILTER PACK INFORMATIONFilter Pack Material: **WELL SEAL INFORMATION**Type of Surface Seal n/aSurface Seal Interval: From n/a ft to n/a ftType of Annular Seal n/aAnnular Seal Interval: From n/a ft to n/a ftFilter Pack Seal Material n/aFilter Pack Seal Interval: From n/a ft to n/a ftTYPE OF COMPLETION: **HYDROLOGIC INFORMATION**Depth to water at time of drilling ftEstimated yield of well gpmFirst water zone ft**LITHOLOGY DESCRIPTION**

MATERIAL	ENCOUNTERED		SATURATED
	FROM (ft.)	TO (ft.)	
no lithological description obtained			

WELL LOCATION TO POTENTIAL SOURCES OF POLLUTIONHas this well been disinfected after completion of work? NoAre there any potential sources of pollution or wastewater lagoons within 300 ft. of the well? n/aDistance of Well is n/a from possible source. Type of possible source: n/a**PLUGGING INFORMATION**Date Well or Boring Was Plugged 12/17/2019Total Depth of well being plugged 40.4 ft.Was the well contaminated or was it plugged as though it was contaminated? YesIf the well or boring was plugged as if it was contaminated, was the casing removed or perforated? NoWas the grout tremied? YesBackfilled with Native MaterialsBackfilled from 0 ft. to 4 ft.Grouted with Cement GroutGrouted from 4 ft. to 40.4 ft.Grouted with CementGrouted from 4 ft. to 40.4 ft.Firm Name ASSOCIATED ENVIRONMENTAL INDUSTRIES, CORP. D/PC No. DPC-0269Operator Name BILLY GRAHAMOP No. OP-0957Date 02/13/2020

Comments: Well was Plugged in Place

APPENDIX E – LABORATORY ANALYTICAL DATA VALIDATION

BURNS & McDONNELL ANALYTICAL DATA REVIEW CHECKLIST

Project Name: CIMARRON SITE ENV TRUST	Laboratory: GEL Laboratories
Project Reference: CIMARRON	Data Package: 499803
Burns & McDonnell Project No.: 120832	Sample Start Date: 12-17-2019
Validated By: Kortney Blaufuss (KB)	Sample End Date: 12-22-2019
Samples and Parameters Validated – See Table 1	
National Functional Guidelines for Inorganic Superfund Methods Data Review (NFGI) (2017) was used to evaluate the inorganic data. In certain instances, professional judgment was used in applying qualifiers based on site knowledge. All data are usable, as received from the laboratory, in reporting the results of this investigation.	

VALIDATION CRITERIA CHECK			
1. Did the laboratory identify any non-conformances related to the analytical results?	Yes	No	Initials
		X	KB
Comments:			
2. Were sample Chain-of-Custody (COC) forms complete?	Yes	No	Initials
	X		KB
Comments: Double-signed and double-dated COCs were included in this data package. Sample GE-BA1-05/20.0 was received by the laboratory, but not listed on the COC. The lab contacted the project manager and received instruction to analyze the sample for Uranium-235/238. No qualifiers were necessary.			
3. Were all the analyses requested for the sample on the COCs completed by the laboratory?	Yes	No	Initials
	X		KB
Comments:			
4. Were samples received in good condition and at the appropriate temperature?	Yes	No	Initials
	X		KB
Comments: The samples analyzed for Nitrate-Nitrite were received within the recommended sample temperature range of 4 degrees Celsius (°C) ± 2. The samples analyzed for Uranium-235/238 were received at 21 °C. The Uranium analysis does not have a method-specific temperature range, and all samples were analyzed as planned. No qualifiers were necessary.			
5. Were the requested analytical methods in compliance with Quality Assurance Project Plan (QAPP), permit, or COC?	Yes	No	Initials
	X		KB
Comments: Compliant with the COC and standard practices.			
6. Were detection limits in accordance with QAPP, permit, or method?	Yes	No	Initials
	X		KB
Comments:			
7. Do the laboratory reports include only those constituents requested to be reported for a specific analytical method?	Yes	No	Initials
	X		KB
Comments:			
8. Were sample holding times met?	Yes	No	Initials
	X		KB

BURNS & McDONNELL ANALYTICAL DATA REVIEW CHECKLIST

Comments:			
9. Were correct concentration units reported? (i.e., consistent with the QAPP)	Yes X	No	Initials KB
Comments: Standard units were reported.			
10. Were the reporting requirements for flagged data met?	Yes X	No	Initials KB
Comments:			
11. Were laboratory blank samples free of target analyte contamination?	Yes X	No	Initials KB
Comments:			
12. Were trip blank, field blank, and/or equipment rinsate blank samples free of target analyte contamination?	Yes	No	Initials KB
Comments: Not applicable. Blanks were not submitted for analysis.			
13. Were surrogate recoveries within control limits?	Yes	No	Initials KB
Comments: The use of surrogates was not applicable for the analyses in this data package.			
14. Were laboratory control sample (LSC) recoveries within control limits?	Yes X	No	Initials KB
Comments:			
15. Were matrix spike (MS)/ matrix spike duplicate (MS) recoveries within control limits?	Yes X	No	Initials KB
Comments: One or more MS/MSD could not be evaluated due to the spike amount being less than one-fourth the parent sample concentration. As such, no conclusion could be drawn, and no qualifiers were necessary. Additionally, one or more serial dilutions slightly exceeded their control limit for the uranium analysis. Because the associated site-specific MS results were acceptable, no qualifiers were added.			
16. Were lab duplicate relative percent differences (RPDs) within control limits?	Yes X	No	Initials KB
Comments: In some instances, QC limits were not provided, and the NFGI 0-20% industry standard QC limits were used for review.			
17. Were blind field duplicates collected? If so, discuss the precision (RPD) of the results.	Yes X	No	Initials KB
Comments: See Table 2. Only reported results were compared (excluding uncertainty). Ten field duplicate pairs were collected during this sampling event. The Uranium-235/238 results for field duplicate pair GE-BA1-05/20.0 // GE-BA1-05/20.0DUP exhibited slightly elevated RPDs (>20%). Since these RPDs were not significant (two times 20%) they were considered acceptable without qualification. All other field duplicate results were adequately replicated.			
18. Did any non-detect results have elevated reporting limits due to dilutions?	Yes	No X	Initials KB

BURNS & McDONNELL ANALYTICAL DATA REVIEW CHECKLIST

Comments:

19. General Comments: All data are valid for use in reporting results of this monitoring event. No data qualifiers were added during this review.

Table 1
Sample Summary
Groundwater Investigation - Data Package 499083
Cimarron Site, Oklahoma

Sample Identification	Lab Identification	Sample Date	Uranium-235/238 (EPA 200.8)	Nitrate/Nitrite (EPA 353.2)
GE-BA1-05/10.0	499803097	12/22/19	X	
GE-BA1-05/12.0	499803098	12/22/19	X	
GE-BA1-05/14.0	499803099	12/22/19	X	
GE-BA1-05/16.0	499803100	12/22/19	X	
GE-BA1-05/18.0	499803101	12/22/19	X	
GE-BA1-05/20.0	499803102	12/22/19	X	
GE-BA1-05/20.0DUP	499803110	12/22/19	X	
GE-BA1-05/22.0	499803103	12/22/19	X	
GE-BA1-05/28.0	499803104	12/22/19	X	
GE-BA1-06/10.0	499803087	12/22/19	X	
GE-BA1-06/12.0	499803088	12/22/19	X	
GE-BA1-06/14.0	499803089	12/22/19	X	
GE-BA1-06/16.0	499803090	12/22/19	X	
GE-BA1-06/18.0	499803091	12/22/19	X	
GE-BA1-06/20.0	499803092	12/22/19	X	
GE-BA1-06/22.0	499803093	12/22/19	X	
GE-BA1-06/22.0DUP	499803108	12/22/19	X	
GE-BA1-06/24.0	499803094	12/22/19	X	
GE-BA1-06/26.0	499803095	12/22/19	X	
GE-BA1-06/28.0	499803096	12/22/19	X	
GE-BA1-07/11.7	499803077	12/22/19	X	
GE-BA1-07/13.7	499803078	12/22/19	X	
GE-BA1-07/15.7	499803079	12/22/19	X	
GE-BA1-07/17.7	499803080	12/22/19	X	
GE-BA1-07/19.7	499803081	12/22/19	X	
GE-BA1-07/21.7	499803082	12/22/19	X	
GE-BA1-07/21.7DUP	499803083	12/22/19	X	
GE-BA1-07/23.7	499803084	12/22/19	X	
GE-BA1-07/25.7	499803085	12/22/19	X	
GE-BA1-07/27.7	499803086	12/22/19	X	
GE-BA1-07/9.7	499803076	12/22/19	X	
GE-BA1-08/10.6	499803066	12/21/19	X	
GE-BA1-08/12.6	499803067	12/21/19	X	
GE-BA1-08/14.6	499803068	12/21/19	X	
GE-BA1-08/16.6	499803069	12/21/19	X	
GE-BA1-08/18.6	499803070	12/21/19	X	
GE-BA1-08/20.6	499803071	12/21/19	X	

Table 1
Sample Summary
Groundwater Investigation - Data Package 499083
Cimarron Site, Oklahoma

Sample Identification	Lab Identification	Sample Date	Uranium-235/238 (EPA 200.8)	Nitrate/Nitrite (EPA 353.2)
GE-BA1-08/22.6	499803072	12/21/19	X	
GE-BA1-08/22.6DUP	499803107	12/21/19	X	
GE-BA1-08/24.6	499803073	12/21/19	X	
GE-BA1-08/27.6	499803074	12/21/19	X	
GE-BA1-08/29.15	499803075	12/21/19	X	
GE-BA1-09/10.5	499803058	12/21/19	X	
GE-BA1-09/12.5	499803059	12/21/19	X	
GE-BA1-09/14.5	499803060	12/21/19	X	
GE-BA1-09/16.5	499803061	12/21/19	X	
GE-BA1-09/16.5DUP	499803106	12/21/19	X	
GE-BA1-09/18.5	499803062	12/21/19	X	
GE-BA1-09/20.5	499803063	12/21/19	X	
GE-BA1-09/22.5	499803064	12/21/19	X	
GE-BA1-09/24.5	499803065	12/21/19	X	
GE-BA1-09/6.5	499803056	12/21/19	X	
GE-BA1-09/8.5	499803057	12/21/19	X	
GE-WAA-05/12.5	499803018	12/19/19	X	
GE-WAA-05/14.5	499803019	12/19/19	X	
GE-WAA-05/16.5	499803020	12/19/19	X	
GE-WAA-05/16.5DUP	499803021	12/19/19	X	
GE-WAA-05/18.5	499803022	12/19/19	X	
GE-WAA-05/20.5	499803023	12/19/19	X	
GE-WAA-05/22.5	499803024	12/19/19	X	
GE-WAA-05/24.5	499803025	12/19/19	X	
GE-WAA-05/26.5	499803026	12/19/19	X	
GE-WAA-05/28.5	499803027	12/19/19	X	
GE-WAA-05/30.5	499803028	12/19/19	X	
GE-WAA-09/10.0	499803030	12/19/19	X	X
GE-WAA-09/12.0	499803031	12/19/19	X	X
GE-WAA-09/12.0DUP	499803032	12/19/19	X	X
GE-WAA-09/14.0	499803033	12/19/19	X	X
GE-WAA-09/15.0	499803034	12/19/19	X	X
GE-WAA-09/8.0	499803029	12/19/19	X	X
GE-WAA-10/11.5	499803037	12/20/19	X	X
GE-WAA-10/13.5	499803038	12/20/19	X	X
GE-WAA-10/14.75	499803039	12/20/19	X	X
GE-WAA-10/7.5	499803035	12/20/19	X	X

Table 1
Sample Summary
Groundwater Investigation - Data Package 499083
Cimarron Site, Oklahoma

Sample Identification	Lab Identification	Sample Date	Uranium-235/238 (EPA 200.8)	Nitrate/Nitrite (EPA 353.2)
GE-WAA-10/9.5	499803036	12/20/19	X	X
GE-WAA-11/10.6	499803041	12/20/19	X	X
GE-WAA-11/12.6	499803042	12/20/19	X	X
GE-WAA-11/12.6DUP	499803043	12/20/19	X	X
GE-WAA-11/14.6	499803044	12/20/19	X	X
GE-WAA-11/7.6	499803040	12/20/19	X	X
GE-WAA-12/11.0	499803047	12/20/19	X	X
GE-WAA-12/13.0	499803048	12/20/19	X	X
GE-WAA-12/15.0	499803049	12/20/19	X	X
GE-WAA-12/16.15	499803050	12/20/19	X	X
GE-WAA-12/7.0	499803045	12/20/19	X	X
GE-WAA-12/9.0	499803046	12/20/19	X	X
GE-WAA-13/10.0	499803052	12/21/19	X	X
GE-WAA-13/10.0DUP	499803105	12/21/19	X	X
GE-WAA-13/12.0	499803053	12/21/19	X	X
GE-WAA-13/14.0	499803054	12/21/19	X	X
GE-WAA-13/15.9	499803055	12/21/19	X	X
GE-WAA-13/8.0	499803051	12/21/19	X	X
GE-WAA-14/10.5	499803109	12/18/19	X	X
GE-WAA-14/12.5	499803013	12/18/19	X	X
GE-WAA-14/14.5	499803014	12/18/19	X	X
GE-WAA-14/16.5	499803015	12/18/19	X	X
GE-WAA-14/24.5	499803016	12/18/19	X	X
GE-WAA-14/26.5	499803017	12/18/19	X	X
GE-WAA-14/8.5	499803012	12/18/19	X	X
GE-WAA-15/11.6	499803003	12/17/19	X	X
GE-WAA-15/13.6	499803004	12/17/19	X	X
GE-WAA-15/15.6	499803005	12/17/19	X	X
GE-WAA-15/17.6	499803006	12/17/19	X	X
GE-WAA-15/19.6	499803007	12/17/19	X	X
GE-WAA-15/21.6	499803008	12/17/19	X	X
GE-WAA-15/23.6	499803009	12/17/19	X	X
GE-WAA-15/23.6DUP	499803010	12/17/19	X	X
GE-WAA-15/25.6	499803011	12/17/19	X	X
GE-WAA-15/7.6	499803001	12/17/19	X	X
GE-WAA-15/9.6	499803002	12/17/19	X	X

Table 2
Field Duplicate Analysis
Groundwater Investigation - Data Package 499803
Cimarron Site, Oklahoma

Sample ID	GE-BA1-05/20.0		GE-BA1-05/20.0DUP			
Lab ID	499803102		499803110			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	2.74		2.02		ug/L	RPD
Uranium-238	213		160		ug/L	RPD

Sample ID	GE-BA1-06/22.0		GE-BA1-06/22.0DUP			
Lab ID	499803093		499803108			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	1.92		2.07		ug/L	Yes
Uranium-238	148		160		ug/L	Yes

Sample ID	GE-BA1-07/21.7		GE-BA1-07/21.7DUP			
Lab ID	499803082		499803083			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	0.0678	J	0.0657	J	ug/L	Yes
Uranium-238	6.09		5.87		ug/L	Yes

Sample ID	GE-BA1-08/22.6		GE-BA1-08/22.6DUP			
Lab ID	499803072		499803107			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	0.767		0.729		ug/L	Yes
Uranium-238	60.1		59.4		ug/L	Yes

Sample ID	GE-BA1-09/16.5		GE-BA1-09/16.5DUP			
Lab ID	499803061		499803106			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	0.229		0.212		ug/L	Yes
Uranium-238	20.2		19.1		ug/L	Yes

Table 2
Field Duplicate Analysis
Groundwater Investigation - Data Package 499803
Cimarron Site, Oklahoma

Sample ID	GE-WAA-05/16.5		GE-WAA-05/16.5DUP			
Lab ID	499803020		499803021			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	0.06	J	0.0599	J	ug/L	Yes
Uranium-238	7.56		7.44		ug/L	Yes

Sample ID	GE-WAA-09/12.0		GE-WAA-09/12.0DUP			
Lab ID	499803031		499803032			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	0.0137	J	0.0129	J	ug/L	Yes
Uranium-238	1.38		1.4		ug/L	Yes
Nitrogen, Nitrate/Nitrite	16.5		16.6		mg/L	Yes

Sample ID	GE-WAA-11/12.6		GE-WAA-11/12.6DUP			
Lab ID	499803042		499803043			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	0.0233	J	0.023	J	ug/L	Yes
Uranium-238	3.03		2.93		ug/L	Yes
Nitrogen, Nitrate/Nitrite	11.6		11.4		mg/L	Yes

Sample ID	GE-WAA-13/10.0		GE-WAA-13/10.0DUP			
Lab ID	499803052		499803105			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	0.0206	J	0.0213	J	ug/L	Yes
Uranium-238	2.69		2.98		ug/L	Yes
Nitrogen, Nitrate/Nitrite	1.77		1.8		mg/L	Yes

Sample ID	GE-WAA-15/23.6		GE-WAA-15/23.6DUP			
Lab ID	499803009		499803010			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	2.73		2.81		ug/L	Yes
Uranium-238	378		390		ug/L	Yes
Nitrogen, Nitrate/Nitrite	50.3		50		mg/L	Yes

Notes:

- ID = Identification
- J = Estimated value
- mg/L = milligrams per liter
- QC = Quality control
- RPD = Relative Percent Difference
- ug/L = micrograms per liter

BURNS & McDONNELL ANALYTICAL DATA REVIEW CHECKLIST

Project Name: CIMARRON SITE ENV TRUST	Laboratory: GEL Laboratories
Project Reference: CIMARRON	Data Package: 500839
Burns & McDonnell Project No.: 120832	Sample Start Date: 12-23-2019
Validated By: Kortney Blaufuss (KB)	Sample End Date: 1-08-2020
Samples and Parameters Validated – See Table 1	
National Functional Guidelines for Inorganic Superfund Methods Data Review (NFGI) (2017) was used to evaluate the inorganic data. In certain instances, professional judgment was used in applying qualifiers based on site knowledge. All data are usable, as received from the laboratory, in reporting the results of this investigation.	

VALIDATION CRITERIA CHECK			
1. Did the laboratory identify any non-conformances related to the analytical results?	Yes	No	Initials
	X		KB
Comments:			
2. Were sample Chain-of-Custody (COC) forms complete?	Yes	No	Initials
	X		KB
Comments: Double-signed and double-dated COCs were included in this data package.			
3. Were all the analyses requested for the sample on the COCs completed by the laboratory?	Yes	No	Initials
	X		KB
Comments:			
4. Were samples received in good condition and at the appropriate temperature?	Yes	No	Initials
	X		KB
Comments: The samples analyzed for Nitrate-Nitrite were received within the recommended sample temperature range of 4 degrees Celsius (°C) ± 2. The samples analyzed for Uranium-235/238 were received at 20 °C. The Uranium analysis does not have a method-specific temperature range, and all samples were analyzed as planned. No qualifiers were necessary.			
5. Were the requested analytical methods in compliance with Quality Assurance Project Plan (QAPP), permit, or COC?	Yes	No	Initials
	X		KB
Comments: Compliant with the COC and standard practices.			
6. Were detection limits in accordance with QAPP, permit, or method?	Yes	No	Initials
	X		KB
Comments:			
7. Do the laboratory reports include only those constituents requested to be reported for a specific analytical method?	Yes	No	Initials
	X		KB
Comments:			
8. Were sample holding times met?	Yes	No	Initials
	X		KB
Comments:			

BURNS & McDONNELL ANALYTICAL DATA REVIEW CHECKLIST

9. Were correct concentration units reported? (i.e., consistent with the QAPP)	Yes X	No	Initials KB
Comments: Standard units were reported.			
10. Were the reporting requirements for flagged data met?	Yes X	No	Initials KB
Comments:			
11. Were laboratory blank samples free of target analyte contamination?	Yes X	No	Initials KB
Comments:			
12. Were trip blank, field blank, and/or equipment rinsate blank samples free of target analyte contamination?	Yes	No	Initials KB
Comments: Not applicable. Blanks were not submitted for analysis.			
13. Were surrogate recoveries within control limits?	Yes	No	Initials KB
Comments: The use of surrogates was not applicable for the analyses in this data package.			
14. Were laboratory control sample (LSC) recoveries within control limits?	Yes X	No	Initials KB
Comments:			
15. Were matrix spike (MS)/ matrix spike duplicate (MS) recoveries within control limits?	Yes X	No	Initials KB
Comments: One or more MS/MSD could not be evaluated due to the spike amount being less than one-fourth the parent sample concentration. As such, no conclusion could be drawn, and no qualifiers were necessary.			
16. Were lab duplicate relative percent differences (RPDs) within control limits?	Yes X	No	Initials KB
Comments: In some instances, QC limits were not provided, and the NFGI 0-20% industry standard QC limits were used for review.			
17. Were blind field duplicates collected? If so, discuss the precision (RPD) of the results.	Yes X	No	Initials KB
Comments: See Table 2. Only reported results were compared (excluding uncertainty). Eight field duplicate pairs were collected during this sampling event. All field duplicate results were adequately replicated.			
18. Did any non-detect results have elevated reporting limits due to dilutions?	Yes	No X	Initials KB
Comments:			
19. General Comments: All data are valid for use in reporting results of this monitoring event. No data qualifiers were added during this review.			

Table 1
Sample Summary
Groundwater Investigation - Data Package 500839
Cimarron Site, Oklahoma

Sample Identification	Lab Identification	Sample Date	Uranium-235/238 (EPA 200.8)	Nitrate/Nitrite (EPA 353.2)
GE-BA1-02/11.8	500839017	12/23/19	X	
GE-BA1-02/13.8	500839018	12/23/19	X	
GE-BA1-02/15.8	500839019	12/23/19	X	
GE-BA1-02/17.8	500839020	12/23/19	X	
GE-BA1-02/17.8DUP	500839021	12/23/19	X	
GE-BA1-02/19.35	500839022	12/23/19	X	
GE-BA1-02/9.8	500839016	12/23/19	X	
GE-BA1-03/12.45	500839010	12/23/19	X	
GE-BA1-03/13.4	500839011	12/23/19	X	
GE-BA1-03/13.4DUP	500839012	12/23/19	X	
GE-BA1-03/15.4	500839013	12/23/19	X	
GE-BA1-03/17.4	500839014	12/23/19	X	
GE-BA1-03/25.0	500839015	12/23/19	X	
GE-BA1-04/11.5	500839002	12/23/19	X	
GE-BA1-04/13.5	500839003	12/23/19	X	
GE-BA1-04/15.5	500839004	12/23/19	X	
GE-BA1-04/17.5	500839005	12/23/19	X	
GE-BA1-04/19.5	500839006	12/23/19	X	
GE-BA1-04/21.5	500839007	12/23/19	X	
GE-BA1-04/23.5	500839008	12/23/19	X	
GE-BA1-04/23.5DUP	500839009	12/23/19	X	
GE-BA1-04/9.5	500839001	12/23/19	X	
GE-WAA-01/10.7	500839033	01/06/20	X	
GE-WAA-01/12.7	500839034	01/06/20	X	
GE-WAA-01/12.7DUP	500839035	01/06/20	X	
GE-WAA-01/14.7	500839036	01/06/20	X	
GE-WAA-01/16.7	500839037	01/06/20	X	
GE-WAA-01/18.7	500839038	01/06/20	X	
GE-WAA-01/26.6	500839039	01/06/20	X	
GE-WAA-01/8.7	500839032	01/06/20	X	
GE-WAA-02/10.5	500839041	01/07/20	X	
GE-WAA-02/12.5	500839042	01/07/20	X	
GE-WAA-02/14.5	500839043	01/07/20	X	
GE-WAA-02/16.5	500839044	01/07/20	X	
GE-WAA-02/18.5	500839045	01/07/20	X	

Table 1
Sample Summary
Groundwater Investigation - Data Package 500839
Cimarron Site, Oklahoma

Sample Identification	Lab Identification	Sample Date	Uranium-235/238 (EPA 200.8)	Nitrate/Nitrite (EPA 353.2)
GE-WAA-02/20.5	500839046	01/07/20	X	
GE-WAA-02/26.5	500839047	01/07/20	X	
GE-WAA-02/26.5DUP	500839065	01/07/20	X	
GE-WAA-02/8.5	500839040	01/07/20	X	
GE-WAA-03/10.3	500839048	01/07/20	X	
GE-WAA-03/12.3	500839049	01/07/20	X	
GE-WAA-03/14.3	500839050	01/07/20	X	
GE-WAA-03/16.3	500839051	01/07/20	X	
GE-WAA-03/18.3	500839052	01/07/20	X	
GE-WAA-04/10.0	500839024	01/06/20	X	
GE-WAA-04/10.0DUP	500839025	01/06/20	X	
GE-WAA-04/12.0	500839026	01/06/20	X	
GE-WAA-04/16.0	500839027	01/06/20	X	
GE-WAA-04/18.0	500839028	01/06/20	X	
GE-WAA-04/20.0	500839029	01/06/20	X	
GE-WAA-04/22.0	500839030	01/06/20	X	
GE-WAA-04/25.75	500839031	01/06/20	X	
GE-WAA-04/8.0	500839023	01/06/20	X	
GE-WAA-06/10.9	500839054	01/07/20	X	
GE-WAA-06/10.9DUP	500839055	01/07/20	X	
GE-WAA-06/12.9	500839056	01/07/20	X	
GE-WAA-06/14.9	500839057	01/07/20	X	
GE-WAA-06/8.9	500839053	01/07/20	X	
GE-WAA-07/10.0	500839059	01/08/20	X	X
GE-WAA-07/12.0	500839060	01/08/20	X	X
GE-WAA-07/14.0	500839061	01/08/20	X	X
GE-WAA-07/16.0	500839062	01/08/20	X	X
GE-WAA-07/18.0	500839063	01/08/20	X	X
GE-WAA-07/8.0	500839058	01/08/20	X	X
GE-WAA-08/10.7	500839066	01/08/20	X	X
GE-WAA-08/10.7DUP	500839067	01/08/20	X	X
GE-WAA-08/12.7	500839068	01/08/20	X	X
GE-WAA-08/14.7	500839069	01/08/20	X	X
GE-WAA-08/16.7	500839070	01/08/20	X	X
GE-WAA-08/18.7	500839071	01/08/20	X	X
GE-WAA-08/8.7	500839064	01/08/20	X	X

Table 2
Field Duplicate Analysis
Groundwater Investigation - Data Package 500839
Cimarron Site, Oklahoma

Sample ID	GE-BA1-02/17.8		GE-BA1-02/17.8DUP			
Lab ID	500839020		500839021			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	2.45		2.27		ug/L	Yes
Uranium-238	205		191		ug/L	Yes

Sample ID	GE-BA1-03/13.4		GE-BA1-03/13.4DUP			
Lab ID	500839011		500839012			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	2.27		2.22		ug/L	Yes
Uranium-238	181		177		ug/L	Yes

Sample ID	GE-BA1-04/23.5		GE-BA1-04/23.5DUP			
Lab ID	500839008		500839009			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	5.63		5.70		ug/L	Yes
Uranium-238	444		455		ug/L	Yes

Sample ID	GE-WAA-01/12.7		GE-WAA-01/12.7DUP			
Lab ID	500839034		500839035			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	3.18		3.07		ug/L	Yes
Uranium-238	168		163		ug/L	Yes

Table 2
Field Duplicate Analysis
Groundwater Investigation - Data Package 500839
Cimarron Site, Oklahoma

Sample ID	GE-WAA-02/26.5		GE-WAA-02/26.5DUP			
Lab ID	500839047		500839065			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	0.803		0.902		ug/L	Yes
Uranium-238	58.2		58.6		ug/L	Yes

Sample ID	GE-WAA-04/10.0		GE-WAA-04/10.0DUP			
Lab ID	500839024		500839025			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	1.47		1.49		ug/L	Yes
Uranium-238	75.7		77.0		ug/L	Yes

Sample ID	GE-WAA-06/10.9		GE-WAA-06/10.9DUP			
Lab ID	500839054		500839055			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Uranium-235	0.0410	J	0.0424	J	ug/L	Yes
Uranium-238	4.57		4.58		ug/L	Yes

Sample ID	GE-WAA-08/10.7		GE-WAA-08/10.7DUP			
Lab ID	500839066		500839067			
Analyte	Result	Data Qualifier	Result	Data Qualifier	Units	Meets QC
Nitrogen, Nitrate/Nitrite	27.6		27.5		mg/L	Yes
Uranium-235	0.320		0.319		ug/L	Yes
Uranium-238	14.7		14.9		ug/L	Yes

Notes:

- ID = Identification
- J = Estimated value
- mg/L = milligrams per liter
- QC = Quality control
- ug/L = micrograms per liter