



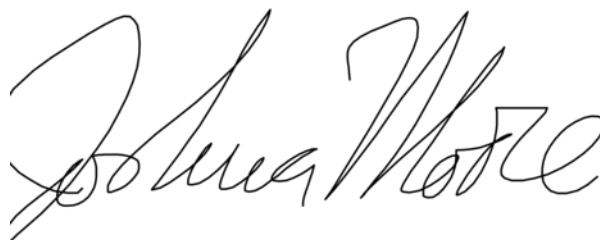
Attachment C

2022-01-10

Created	2022-01-10 07:57:32 MST by Environmental Department
Updated	2022-01-10 08:24:29 MST by Environmental Department
Location	,

Equipment Calibration

Calibration Date	2022-01-10
Equipment	YSI SN 21G103989
Notes	Calibrate SpCnd, pH, ORP, DO%. DO: value = 79.2%, sensor = 4.2 uA; SpCnd: value = 1413 uS/cm, sensor = 1288 uS/cm; pH: slope = 58.22 mV/pH, % ideal = 98.4%; ORP: value = 220.0 mV, sensor = 213.5 mV.
Sampler's name	Joshua Moore
Signature	



Signed 2022-01-10 08:24:25 MST

Photos



2022-01-26

Created	2022-01-26 10:37:21 MST by Environmental Department
Updated	2022-01-26 10:39:02 MST by Environmental Department
Location	38.1522340639525, -107.74827478463551

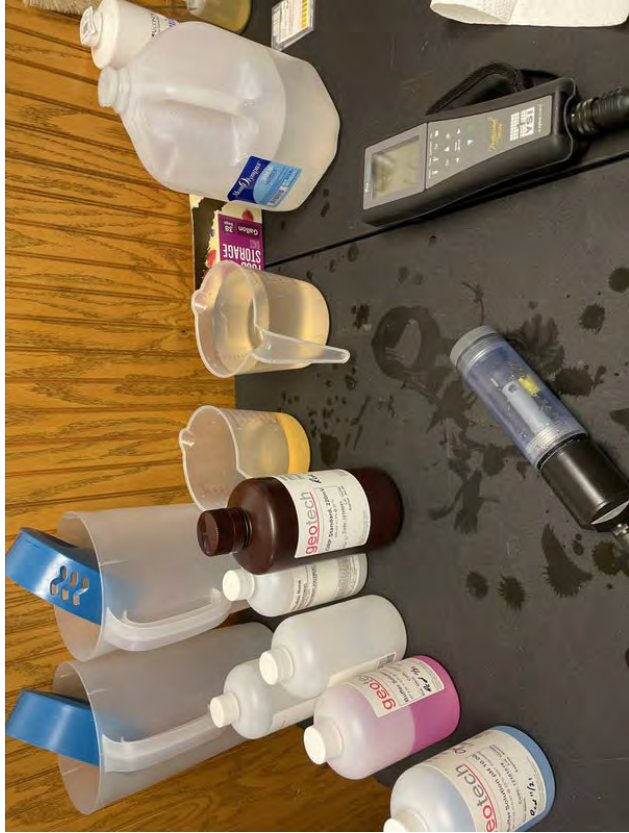
Equipment Calibration

Calibration Date	2022-01-26
Equipment	SSG YSI
Notes	Calibrated pH, ORP, Conductivity
Sampler's name	Briana Greer
Signature	

Briana Greer

Signed 2022-01-26 10:38:57 MST

Photos



2022-02-10

Created	2022-02-10 10:06:18 MST by Environmental Department
Updated	2022-02-10 10:09:15 MST by Environmental Department
Location	38.0241709, -107.6718136

Equipment Calibration

Calibration Date	2022-02-10
Equipment	ysi pH meter
Notes	3 point calibration
Sampler's name	Todd Jesse
Signature	



Signed 2022-02-10 10:07:07 MST

Photos



2022-02-17

Created	2022-02-17 08:54:10 MST by Environmental Department
Updated	2022-02-17 09:00:42 MST by Environmental Department
Location	38.02411, -107.6718838

Equipment Calibration

Calibration Date	2022-02-17
Equipment	YSI pH meter
Sampler's name	Todd Jesse
Signature	



Signed 2022-02-17 09:00:40 MST

Photos



2022-03-02

Created	2022-03-02 07:42:02 MST by Environmental Department
Updated	2022-03-02 08:27:52 MST by Environmental Department
Location	38.0241556, -107.6718529

Equipment Calibration

Calibration Date	2022-03-02
Equipment	ysi multiprobe
Notes	Calibrated 3 point pH, conductivity, ORP. Probe would not calibrated DO
Sampler's name	Todd Jesse
Signature	



Signed 2022-03-02 07:44:04 MST

Photos



2022-03-03

Created	2022-03-03 07:49:15 MST by Environmental Department
Updated	2022-03-03 07:50:41 MST by Environmental Department
Location	38.0241753, -107.6718574

Equipment Calibration

Calibration Date	2022-03-03
Equipment	YSI QUATRO
Notes	Calibrated pH, conductivity, and orp. Could not calibrated for DO
Sampler's name	Todd Jesse
Signature	



Signed 2022-03-03 07:50:30 MST

Photos



2022-03-16

Created	2022-03-16 07:53:59 MDT by Environmental Department
Updated	2022-03-16 07:56:53 MDT by Environmental Department
Location	38.0383731, -107.6794035

Equipment Calibration

Calibration Date	2022-03-16
Equipment	YSI Pro 1030
Notes	pH calibration for bi-monthly outfall sampling using pH 7, 10, & 4 standard solutions
Sampler's name	Todd Jesse
Signature	



Signed 2022-03-16 07:55:09 MDT

Photos

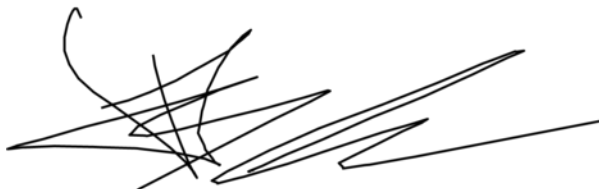


2022-03-23

Created	2022-03-23 08:13:58 MDT by Environmental Department
Updated	2022-03-23 08:56:33 MDT by Environmental Department
Location	38.038408, -107.6793698

Equipment Calibration

Calibration Date	2022-03-23
Equipment	YSI Pro 1030
Notes	Could only calibrate pH
Sampler's name	Todd Jesse
Signature	



Signed 2022-03-23 08:56:32 MDT

Photos



2022-04-05

Created	2022-04-05 06:59:47 MDT by Environmental Department
Updated	2022-04-05 07:47:02 MDT by Environmental Department
Location	38.0383587, -107.6793644

Equipment Calibration

Calibration Date	2022-04-05
Equipment	ysi 1030
Notes	pH calibration for outfall sampling
Sampler's name	Todd Jesse

Signature



Signed 2022-04-05 07:00:43 MDT

Photos



2022-04-06

Created	2022-04-06 07:28:07 MDT by Environmental Department
Updated	2022-04-06 07:49:18 MDT by Environmental Department
Location	38.0384282, -107.6793441

Equipment Calibration

Calibration Date	2022-04-06
Equipment	ysi pro 1030
Notes	pH calibration for outfall sampling. 3 point calibration 7, 4, 10
Sampler's name	Todd Jesse
Signature	



Signed 2022-04-06 07:29:09 MDT

Photos



2022-04-14

Created	2022-04-14 08:52:30 MDT by Environmental Department
Updated	2022-04-14 09:08:11 MDT by Environmental Department
Location	38.0383677, -107.6793255

Equipment Calibration

Calibration Date	2022-04-14
Equipment	ysi pro 1030
Notes	pH calibration for bi-monthly outfall sampling OF002A
Sampler's name	Todd Jesse
Signature	



Signed 2022-04-14 08:53:31 MDT

Photos








2022-05-04

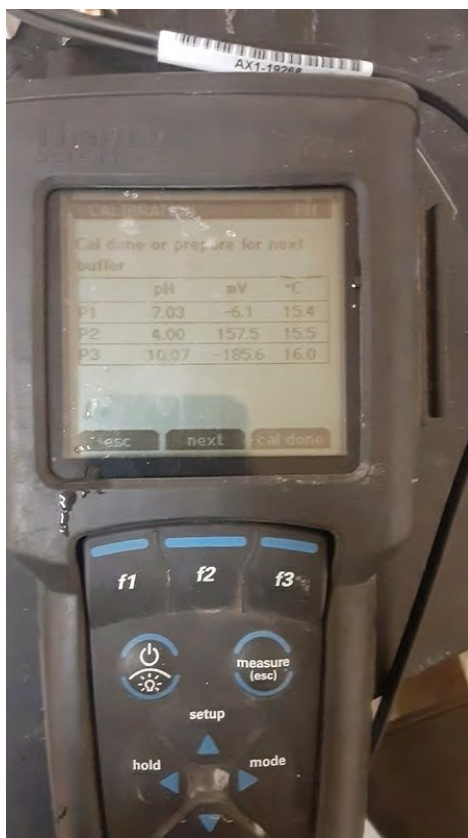
Created	2022-05-04 07:49:16 MDT by Environmental Department
Updated	2022-05-04 09:08:36 MDT by Environmental Department
Location	38.0382995, -107.6793725

Equipment Calibration

Calibration Date	2022-05-04
Equipment	Thermo Scientific pH meter
Notes	Calibration for bi-monthly outfall sampling at OF002A
Sampler's name	Todd Jesse
Signature	

Signed 2022-05-04 07:57:52 MDT

Photos



2022-05-17

Created	2022-05-17 09:16:46 MDT by Environmental Department
Updated	2022-05-17 09:21:42 MDT by Environmental Department
Location	38.0381271, -107.6792091

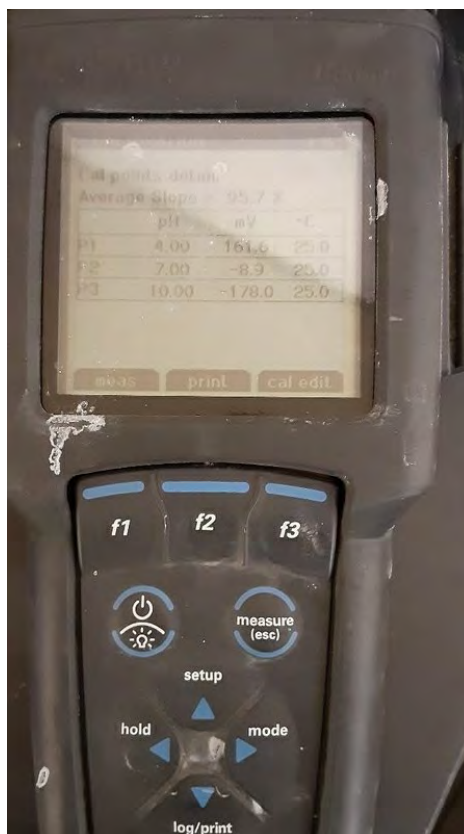
Equipment Calibration

Calibration Date	2022-05-17
Equipment	Thermo Scientific pH meter
Notes	7,4,10 pH calibration quarterly outfall sampling.
Sampler's name	Todd Jesse
Signature	



Signed 2022-05-17 09:17:41 MDT

Photos



2022-05-25

Created	2022-05-25 08:15:59 MDT by Environmental Department
Updated	2022-05-25 09:42:33 MDT by Environmental Department
Location	38.0241206, -107.6718624

Equipment Calibration

Calibration Date	2022-05-25
Equipment	ysi multimeter
Notes	pH, conductivity
Sampler's name	Todd Jesse
Signature	



Signed 2022-05-25 08:17:52 MDT

Photos



2022-05-26

Created	2022-05-26 06:34:54 MDT by Environmental Department
Updated	2022-05-26 06:36:08 MDT by Environmental Department
Location	38.0241369, -107.6718557

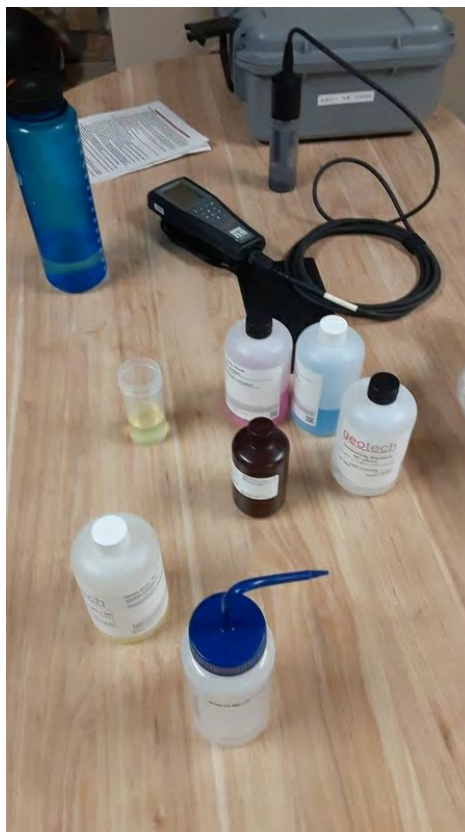
Equipment Calibration

Calibration Date	2022-05-26
Equipment	ysi multimeter
Notes	Calibrated for pH, ORP, conductivity, and DO
Sampler's name	Todd Jesse
Signature	



Signed 2022-05-26 06:36:06 MDT

Photos



2022-05-31

Created	2022-05-31 10:14:03 MDT by Environmental Department
Updated	2022-05-31 11:05:52 MDT by Environmental Department
Location	38.0381656, -107.6793062

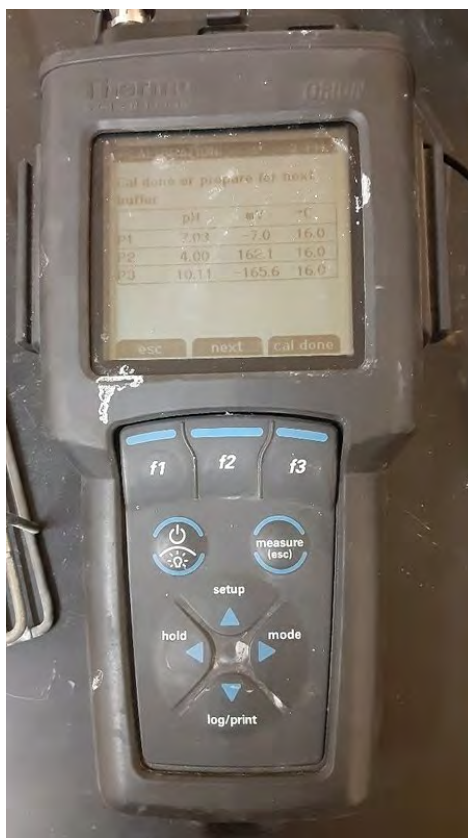
Equipment Calibration

Calibration Date	2022-05-31
Equipment	Thermo Scientific pH meter
Notes	Temp on meter set to manual. Used thermometer to enter temp
Sampler's name	Todd Jesse
Signature	

A handwritten signature in black ink, appearing to read 'Todd Jesse', is written over the signature line of the table.

Signed 2022-05-31 10:14:51 MDT

Photos



2022-06-01

Created	2022-06-01 08:46:16 MDT by Environmental Department
Updated	2022-06-01 08:51:11 MDT by Environmental Department
Location	38.0381858, -107.6793232

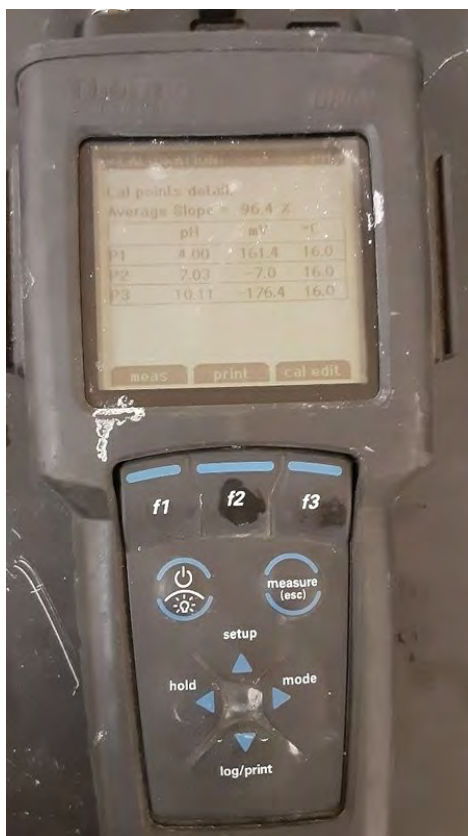
Equipment Calibration

Calibration Date	2022-06-01
Equipment	Thermo Scientific pH meter
Notes	Temp probe doesn't appear to work. Temp entered manually
Sampler's name	Todd Jesse
Signature	

A handwritten signature in black ink, appearing to read 'Todd Jesse', with a stylized, cursive script.

Signed 2022-06-01 08:47:12 MDT

Photos



2022-06-21

Created	2022-06-21 08:29:09 MDT by Environmental Department
Updated	2022-06-21 08:30:27 MDT by Environmental Department
Location	38.0383198, -107.679267

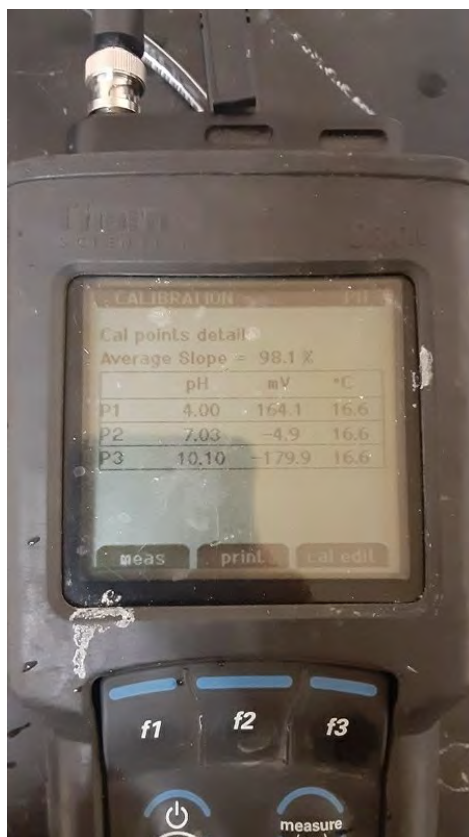
Equipment Calibration

Calibration Date	2022-06-21
Equipment	Thermo Scientific pH meter
Notes	3 point pH calibration. Trouble with temp probe. Had to enter temp manually
Sampler's name	Todd Jesse
Signature	

A handwritten signature in black ink, appearing to read 'Todd Jesse', is written over a light gray grid background.

Signed 2022-06-21 08:30:12 MDT

Photos



2022-06-22

Created	2022-06-22 08:06:09 MDT by Environmental Department
Updated	2022-06-22 08:16:30 MDT by Environmental Department
Location	38.0383252, -107.6792646

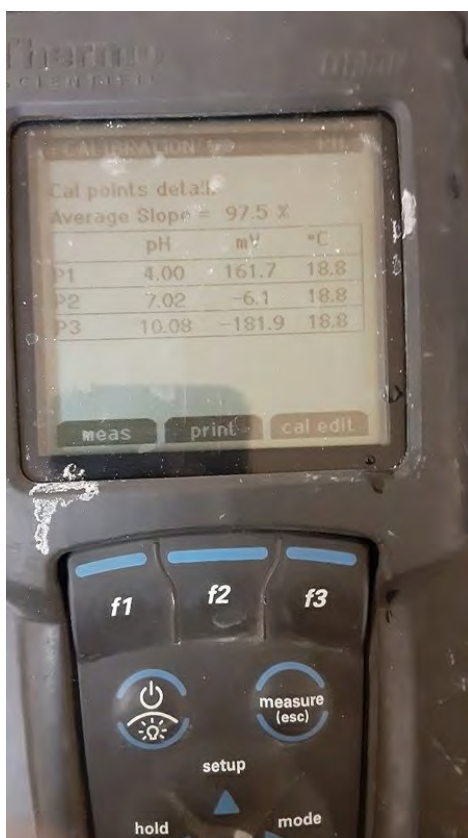
Equipment Calibration

Calibration Date	2022-06-22
Equipment	Thermo Scientific pH meter
Notes	Had to manually enter temp
Sampler's name	Todd Jesse
Signature	

A handwritten signature in black ink, appearing to read 'Todd Jesse', with a long horizontal stroke extending to the right.

Signed 2022-06-22 08:16:21 MDT

Photos



2022-06-23

Created	2022-06-23 08:04:55 MDT by Environmental Department
Updated	2022-06-23 08:08:07 MDT by Environmental Department
Location	38.0383214, -107.6792657

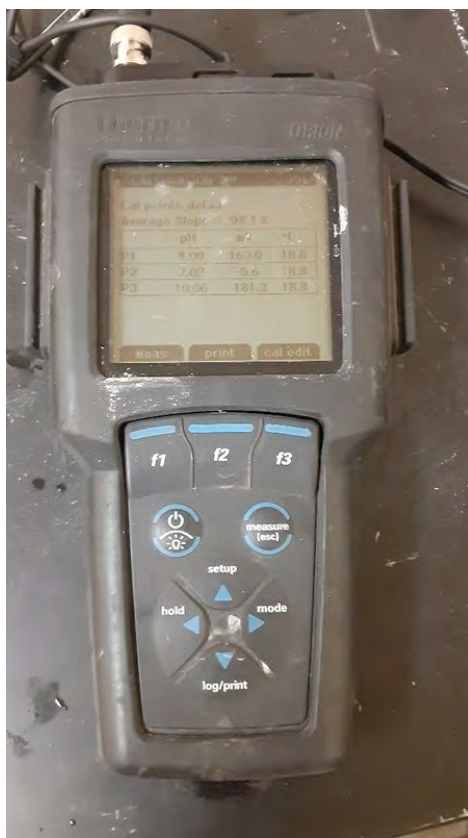
Equipment Calibration

Calibration Date	2022-06-23
Equipment	Thermo Scientific pH meter
Notes	3 point calibration for pH. Had to enter temp manually
Sampler's name	Todd Jesse
Signature	

A handwritten signature in black ink, appearing to read 'TJesse', is written over the signature line of the table.

Signed 2022-06-23 08:05:30 MDT

Photos



2022-06-29

Created	2022-06-29 06:52:45 MDT by Environmental Department
Updated	2022-06-29 06:54:53 MDT by Environmental Department
Location	38.0382431, -107.679295

Equipment Calibration

Calibration Date	2022-06-29
Equipment	YSI ProDSS
Notes	3 point pH, orp, conductivity, DO
Sampler's name	Todd Jesse
Signature	



Signed 2022-06-29 06:54:13 MDT

Photos



2022-07-06

Created	2022-07-06 08:58:07 MDT by Environmental Department
Updated	2022-07-06 08:58:54 MDT by Environmental Department
Location	38.0381849, -107.6792718

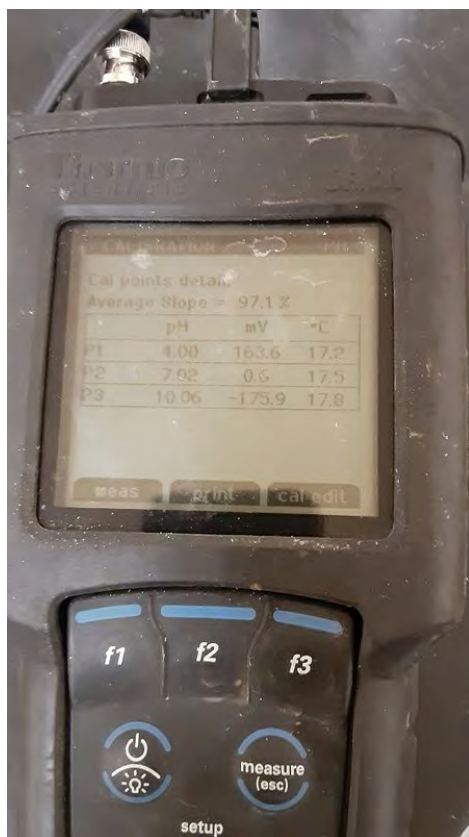
Equipment Calibration

Calibration Date	2022-07-06
Equipment	Thermo Scientific pH meter
Notes	3 point calibration
Sampler's name	Todd Jesse
Signature	

A handwritten signature in black ink, appearing to read 'TJesse', with a long horizontal stroke extending to the right.

Signed 2022-07-06 08:58:30 MDT

Photos



2022-07-13

Created	2022-07-13 10:05:43 MDT by Environmental Department
Updated	2022-07-13 10:10:30 MDT by Environmental Department
Location	38.0381991, -107.6792476

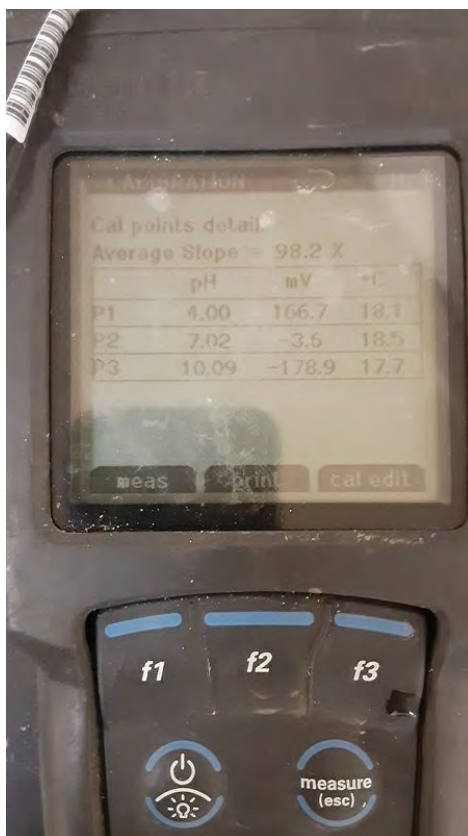
Equipment Calibration

Calibration Date	2022-07-13
Equipment	Thermo Scientific pH meter
Notes	3 point calibration of pH meter for bi-monthly outfall sampling.
Sampler's name	Todd Jesse
Signature	

A handwritten signature in black ink, appearing to read 'TJesse', with a stylized, sweeping flourish extending from the end.

Signed 2022-07-13 10:06:13 MDT

Photos



2022-07-26

Created	2022-07-26 09:35:38 MDT by Environmental Department
Updated	2022-07-26 09:39:30 MDT by Environmental Department
Location	38.0381283, -107.679222

Equipment Calibration

Calibration Date	2022-07-26
Equipment	Thermo Scientific pH meter
Notes	3 point calibration for potentially dissolved Pb study
Sampler's name	Todd Jesse
Signature	

A handwritten signature in black ink, appearing to read 'Todd Jesse', with a long horizontal stroke extending to the right.

Signed 2022-07-26 09:37:09 MDT

Photos



2022-07-27

Created	2022-07-27 09:55:52 MDT by Environmental Department
Updated	2022-07-27 09:58:53 MDT by Environmental Department
Location	38.0380953, -107.6791991

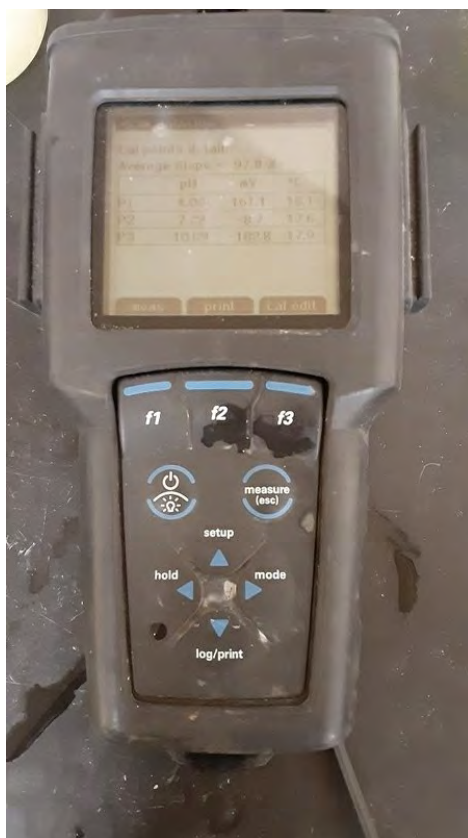
Equipment Calibration

Calibration Date	2022-07-27
Equipment	Thermo Scientific pH meter
Notes	3 point calibration for sampling in mill
Sampler's name	Todd Jesse
Signature	

A handwritten signature in black ink, appearing to read 'TJ', with a long horizontal stroke extending to the right.

Signed 2022-07-27 09:56:48 MDT

Photos



2022-08-09

Created	2022-08-09 07:57:55 MDT by Environmental Department
Updated	2022-08-09 08:07:29 MDT by Environmental Department
Location	38.03831733872883, -107.67930562777197

Equipment Calibration

Calibration Date	2022-08-09
Equipment	Thermo Scientific pH meter
Notes	Outfall sampling calibration
Sampler's name	Poppy Staub
Signature	



Signed 2022-08-09 08:02:21 MDT

Photos



2022-08-17

Created	2022-08-17 09:17:34 MDT by Environmental Department
Updated	2022-08-17 09:23:06 MDT by Environmental Department
Location	38.0385827, -107.6793454

Equipment Calibration

Calibration Date	2022-08-17
Equipment	Thermo Scientific pH meter
Notes	3 point calibration for bi-monthly sampling event.
Sampler's name	Todd Jesse
Signature	



Signed 2022-08-17 09:18:08 MDT

Photos





2022-08-23

Created	2022-08-23 08:17:41 MDT by Environmental Department
Updated	2022-08-23 08:18:58 MDT by Environmental Department
Location	37.9741555, -107.7506877

Equipment Calibration

Calibration Date	2022-08-23
Equipment	ysi multimeter
Notes	Do %, pH (3point), orp, conductivity calibration for groundwater sampling.
Sampler's name	Todd Jesse
Signature	

A handwritten signature in black ink, appearing to read 'Todd Jesse', is written over the signature line of the table.

Signed 2022-08-23 08:18:54 MDT

2022-09-07

Created	2022-09-07 08:39:46 MDT by Environmental Department
Updated	2022-09-07 09:51:25 MDT by Environmental Department
Location	38.0376817, -107.6781942

Equipment Calibration

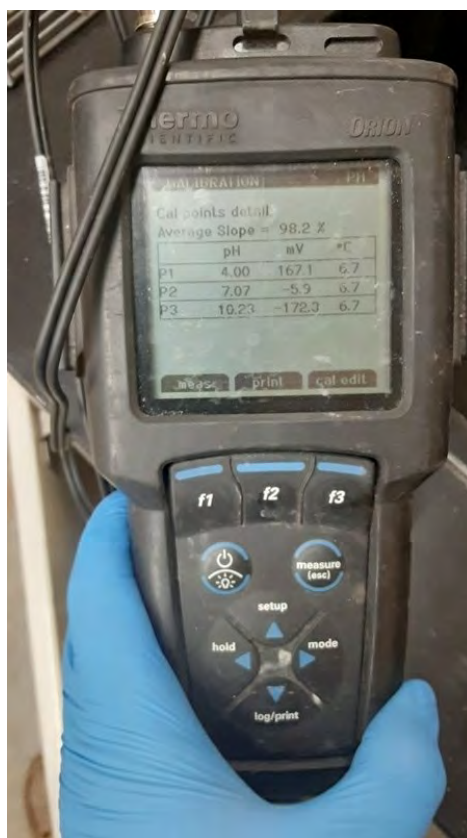
Calibration Date	2022-09-07
Equipment	Thermo Scientific pH meter
Notes	3 point calibration for quarterly outfall
Sampler's name	Todd Jesse
Signature	



Signed 2022-09-07 08:48:50 MDT

Photos





2022-09-15

Created	2022-09-15 07:59:12 MDT by Environmental Department
Updated	2022-09-15 08:00:31 MDT by Environmental Department
Location	38.0381172, -107.6793724

Equipment Calibration

Calibration Date	2022-09-15
Equipment	Thermo Scientific pH meter
Notes	3 point calibration for outfall and underground sampling
Sampler's name	Todd Jesse
Signature	



Signed 2022-09-15 07:59:57 MDT

Photos





2022-09-23

Created	2022-09-23 07:42:36 MDT by Environmental Department
Updated	2022-09-23 07:50:05 MDT by Environmental Department
Location	38.0381221, -107.6793861

Equipment Calibration

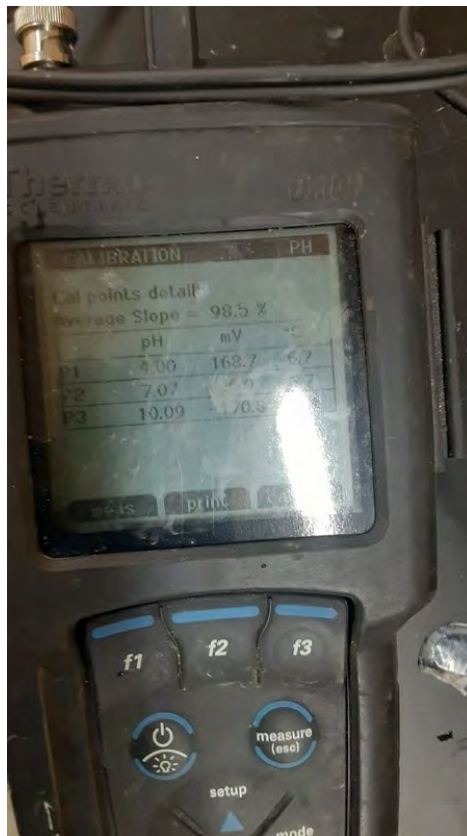
Calibration Date	2022-09-23
Equipment	Thermo Scientific pH meter
Notes	Calibration for liberty mine sampling. 3 point pH calibration.
Sampler's name	Todd Jesse
Signature	

Todd Jesse

Signed 2022-09-23 07:47:47 MDT

Photos





2022-10-04

Created	2022-10-04 07:15:11 MDT by Environmental Department
Updated	2022-10-04 07:19:50 MDT by Environmental Department
Location	38.038390594993224, -107.67935811571942

Equipment Calibration

Calibration Date	2022-10-04
Equipment	Thermo Scientific pH meter
Notes	Used 4 7 10 calibration
Sampler's name	Poppy Staub
Signature	



Signed 2022-10-04 07:19:38 MDT

Photos



2022-10-06

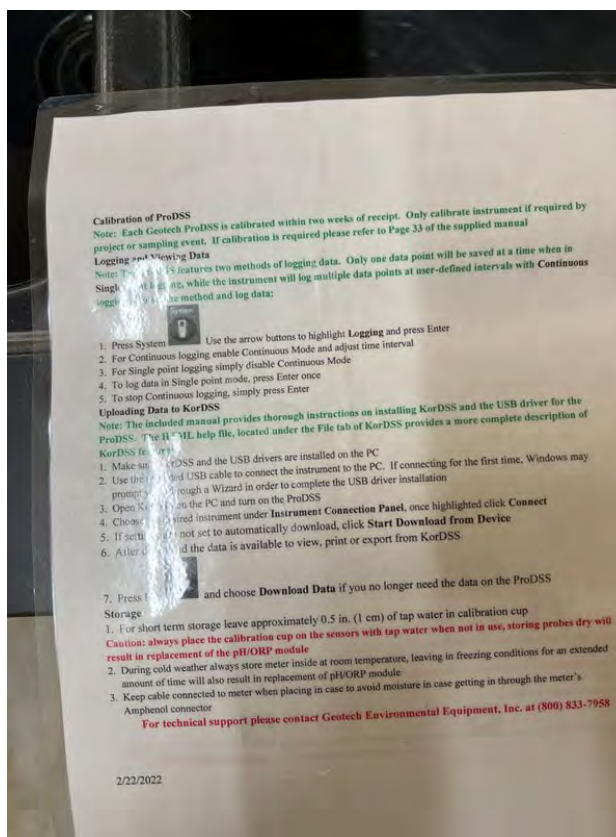
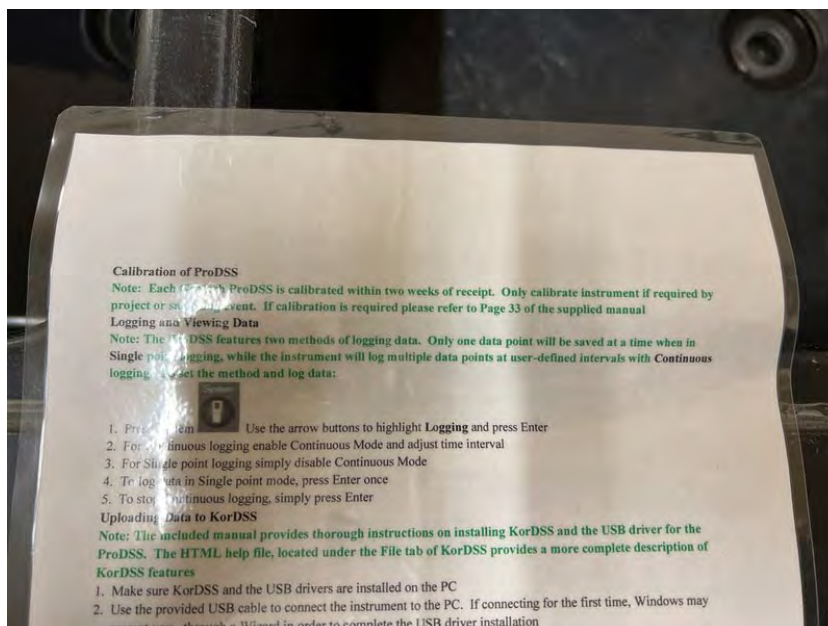
Created	2022-10-06 07:22:57 MDT by Environmental Department
Updated	2022-10-06 07:27:05 MDT by Environmental Department
Location	38.038516645768105, -107.67930598737317

Equipment Calibration

Calibration Date	2022-10-06
Equipment	YSI multi probe meter
Notes	Calibration note required per instrument. Calibrated DO and then stopped when we noticed the note.
Sampler's name	Poppy Staub
Signature	



Signed 2022-10-06 07:26:36 MDT



2022-10-18

Created	2022-10-18 08:10:41 MDT by Environmental Department
Updated	2022-10-18 08:19:56 MDT by Environmental Department
Location	38.0380657, -107.6794637

Equipment Calibration

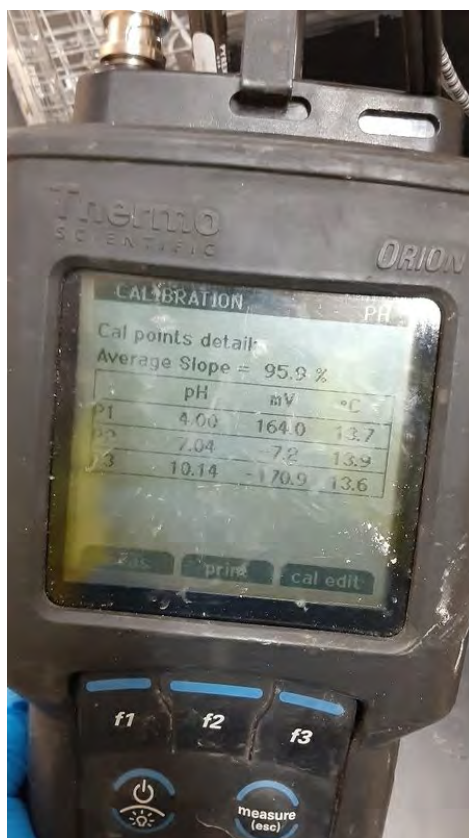
Calibration Date	2022-10-18
Equipment	Thermo Scientific pH meter
Notes	3 point pH calibration for bi-monthly outfall sampling
Sampler's name	Todd Jesse
Signature	



Signed 2022-10-18 08:16:05 MDT

Photos





2022-11-03

Created	2022-11-03 08:26:03 MDT by Environmental Department
Updated	2022-11-03 08:35:10 MDT by Environmental Department
Location	38.0380878, -107.6794938

Equipment Calibration

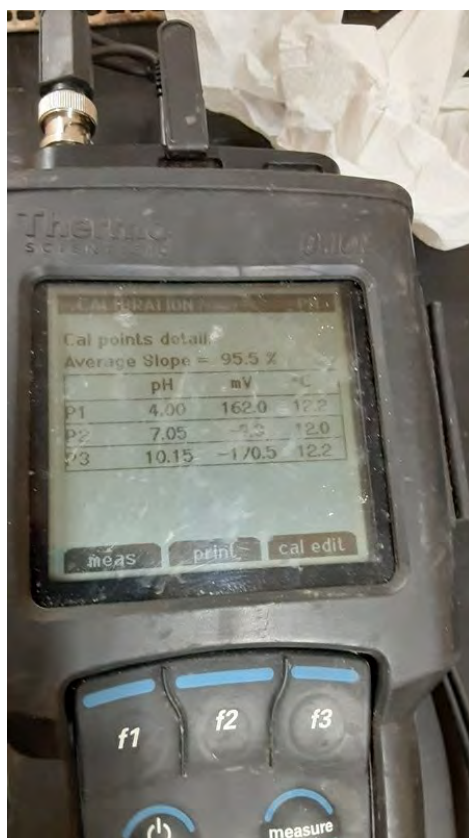
Calibration Date	2022-11-03
Equipment	Thermo Scientific pH meter
Notes	3 point pH calibration for outfall sampling. 7,4,10.
Sampler's name	Todd Jesse
Signature	



Signed 2022-11-03 08:27:20 MDT

Photos





2022-11-07

Created	2022-11-07 08:13:16 MST by Environmental Department
Updated	2022-11-07 08:14:18 MST by Environmental Department
Location	38.0380657, -107.6793564

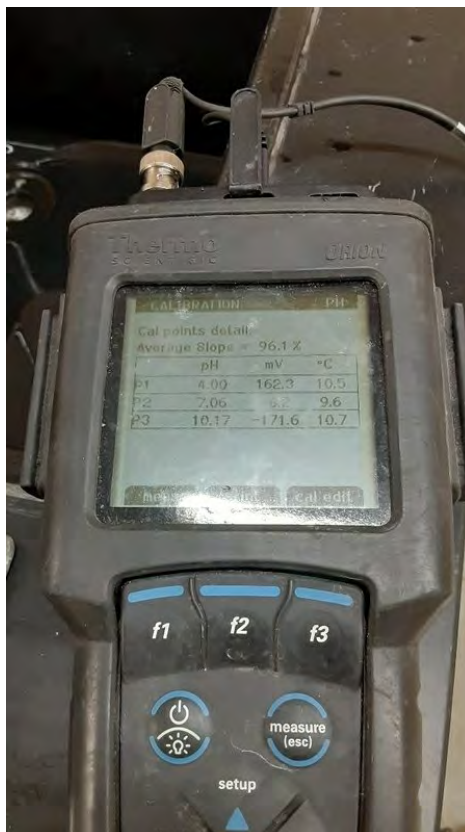
Equipment Calibration

Calibration Date	2022-11-07
Equipment	Thermo Scientific pH meter
Notes	3 point calibration for outfall. 7,4,10.
Sampler's name	Todd Jesse
Signature	



Signed 2022-11-07 08:14:11 MST

Photos



2022-11-17

Created	2022-11-17 09:10:46 MST by Environmental Department
Updated	2022-11-17 09:13:42 MST by Environmental Department
Location	38.0380554, -107.679432

Equipment Calibration

Calibration Date	2022-11-17
Equipment	Thermo Scientific pH meter
Notes	3 point calibration for outfall sampling. 7,4,10
Sampler's name	Todd Jesse
Signature	



Signed 2022-11-17 09:11:29 MST

Photos





2022-12-05

Created	2022-12-05 09:46:58 MST by Environmental Department
Updated	2022-12-05 09:53:13 MST by Environmental Department
Location	38.0380812, -107.6793704

Equipment Calibration

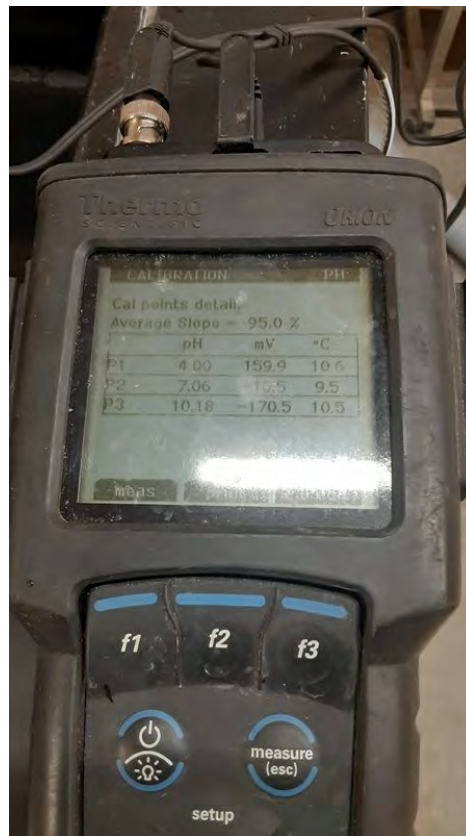
Calibration Date	2022-12-05
Equipment	Thermo Scientific pH meter
Notes	3 point calibration. 7, 4, 10. For bi-monthly outfall sampling
Sampler's name	Todd Jesse
Signature	



Signed 2022-12-05 09:48:39 MST

Photos





2022-12-12

Created	2022-12-12 07:19:21 MST by Environmental Department
Updated	2022-12-12 07:22:04 MST by Environmental Department
Location	38.0380871, -107.6793973

Equipment Calibration

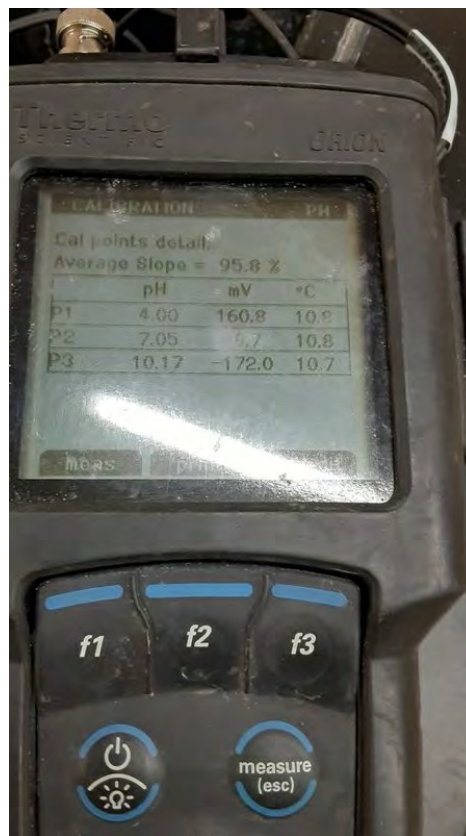
Calibration Date	2022-12-12
Equipment	Thermo Scientific pH meter
Notes	3 point calibration 7,4,10. For underground sampling
Sampler's name	Todd Jesse
Signature	



Signed 2022-12-12 07:21:02 MST

Photos





2022-12-13

Created	2022-12-13 07:00:16 MST by Environmental Department
Updated	2022-12-13 07:06:05 MST by Environmental Department
Location	38.0380974, -107.679391

Equipment Calibration

Calibration Date	2022-12-13
Equipment	Thermo Scientific pH meter
Notes	3 point calibration for quarterly outfall sampling. 7,4,10 calibration
Sampler's name	Todd Jesse
Signature	



Signed 2022-12-13 07:01:38 MST

Photos





2022-12-15

Created	2022-12-15 07:21:11 MST by Environmental Department
Updated	2022-12-15 07:36:59 MST by Environmental Department
Location	38.0380233, -107.6794296

Equipment Calibration

Calibration Date	2022-12-15
Equipment	aquaread
Notes	Gw calibration. 3 point pH calibration. 7,4,10. Curve 58.7. ORP 220mv. Conductivity 447 us/cm and DO zero
Sampler's name	Todd Jesse
Signature	

TJ

Signed 2022-12-15 07:34:53 MST

Photos



2022-12-19

Created	2022-12-19 07:15:57 MST by Environmental Department
Updated	2022-12-19 07:24:03 MST by Environmental Department
Location	38.0376272, -107.680161

Equipment Calibration

Calibration Date	2022-12-19
Equipment	aquaread
Notes	Recalibrate for groundwater. pH 7,4,10 60.4 curve. EC 1413, ORP 220
Sampler's name	Todd Jesse
Signature	



Signed 2022-12-19 07:16:21 MST

Photos



2022-03-02

Created	2022-03-02 13:40:38 MST by Environmental Department
Updated	2022-03-02 14:29:15 MST by Environmental Department
Location	37.9754762, -107.7509756
Groundwater 2021 Field Data	
Well ID	GW-3B
Date	2022-03-02
Time	13:40

Observations

Weather Conditions	Sunny. Recent snow storm.
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Well Information

Stick Up (inches from ground surface)	-99
Depth to Water (inches from top of collar)	16.95
Depth to Bottom (inches from top of collar)	49.82
Cubic feet of water in well	0.05972908150720001
Gallons of water in well	0.4468045887962398
Pumping Notes	Discharge 15. Fill 20
Purge Time (minutes)	15
Purge Volume (Gallons)	1.75

Field Chemistry

Water Temperature (C) 1	5.9
Conductivity (uS/cm) 1	6.3
Field DO (%) 1	-99
Field pH 1	7.3
Water Temperature (C) 2	5.9
Conductivity (uS/cm) 2	6.2
Field DO (%) 2	-99
Field pH 2	7.25
Water Temperature (C) 3	5.9
Conductivity (uS/cm) 3	6.3
Field DO (%) 3	-99
Field pH 3	7.3
Sample method	bladder
SampleTime	13:40
Field ORP (mV)	427
Water Temperature (C)	5.9
Field TDS (mg/L)	-99
Conductivity (uS/cm)	6.3
Field DO (%)	-99
Field pH	7.3

color and clarity Clear

Final Depth to Water (inches from top of collar) 17

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'Todd Jesse', written on a white background.

Signed 2022-03-02 14:29:10 MST

Notes Could not find ground for stick up due to snow. Probe not calibrated for DO. 0.05 feet drawdown

2022-03-02

Created	2022-03-02 12:34:01 MST by Environmental Department
Updated	2022-03-02 13:35:01 MST by Environmental Department
Location	37.9750378, -107.7511027
Groundwater 2021 Field Data	
Well ID	GW-3R
Date	2022-03-02
Time	12:34

Observations

Weather Conditions	Sunny. Recent snow storm
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Well Information

Stick Up (inches from ground surface)	7.5
Depth to Water (inches from top of collar)	21.25
Depth to Bottom (inches from top of collar)	36.21
Cubic feet of water in well	0.027184273177600003
Gallons of water in well	0.20335249919050041
Pumping Notes	Discharge 12, fill = 16
Purge Time (minutes)	13
Purge Volume (Gallons)	1.5

Field Chemistry

Water Temperature (C) 1	4.1
Conductivity (uS/cm) 1	5
Field DO (%) 1	0.99
Field pH 1	7.22
Water Temperature (C) 2	4
Conductivity (uS/cm) 2	5.1
Field DO (%) 2	-99
Field pH 2	7.26
Water Temperature (C) 3	4.2
Conductivity (uS/cm) 3	5.2
Field DO (%) 3	-99
Field pH 3	7.26
Sample method	bladder pump
SampleTime	13:11
Field ORP (mV)	407
Water Temperature (C)	4.2
Conductivity (uS/cm)	5.6
Field DO (%)	-99
Field pH	7.26
color and clarity	Clear

Final Depth to Water (inches from top of collar)

21.3

Photos



Sampler Name

Todd Jesse

Signature

Handwritten signature of Todd Jesse.

Signed 2022-03-02 13:34:58 MST

2022-03-03

Created	2022-03-03 13:45:41 MST by Environmental Department
Updated	2022-03-03 14:19:27 MST by Environmental Department
Location	37.9742347, -107.7507919
Groundwater 2021 Field Data	
Well ID	GW-0
Date	2022-03-03
Time	13:45

Observations

Weather Conditions	Cloudy. Recent snow storm
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Well Information

Stick Up (inches from ground surface)	-99
Depth to Water (inches from top of collar)	-99
Depth to Bottom (inches from top of collar)	-99
Cubic feet of water in well	0
Gallons of water in well	0
Pumping Notes	Purged pump then ran 3 liters or distilled. No DI available
Purge Time (minutes)	5
Purge Volume (Gallons)	0.75

Field Chemistry

Sample method	bladder pump
SampleTime	13:45
Field ORP (mV)	257
Water Temperature (C)	11
Field TDS (mg/L)	-99
Conductivity (uS/cm)	14.9
Field DO (%)	-99
Field pH	8.23
color and clarity	Clear
Final Depth to Water (inches from top of collar)	0

Photos



Sampler Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'Todd Jesse', is written on a white background.

Signed 2022-03-03 14:19:15 MST

Notes

Field blank.

2022-03-03

Created	2022-03-03 09:27:27 MST by Environmental Department
Updated	2022-03-03 09:32:56 MST by Environmental Department
Location	37.9754894, -107.7542463
Groundwater 2021 Field Data	
Well ID	GW-1A
Date	2022-03-03
Time	09:27

Observations

Weather Conditions	Sunny recent snow storm
--------------------	-------------------------

Well Information

Stick Up (inches from ground surface)	-99
Depth to Water (inches from top of collar)	-99
Depth to Bottom (inches from top of collar)	-99
Cubic feet of water in well	0
Gallons of water in well	0
Pumping Notes	Well dry
Purge Time (minutes)	-99
Purge Volume (Gallons)	-99

Field Chemistry

Sample method	bladder
SampleTime	09:27
Field ORP (mV)	-99
Water Temperature (C)	-99
Field TDS (mg/L)	-99
Conductivity (uS/cm)	-99
Field DO (%)	-99
Field pH	-99
color and clarity	no water
Final Depth to Water (inches from top of collar)	-99

Photos



Sampler Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to be 'TJ', with a large, stylized 'J' that loops back.

Signed 2022-03-03 09:29:31 MST

Notes

Well dry

2022-03-03

Created	2022-03-03 09:32:59 MST by Environmental Department
Updated	2022-03-03 10:35:52 MST by Environmental Department
Location	37.975342, -107.754331
Groundwater 2021 Field Data	
Well ID	GW-1B
Date	2022-03-03
Time	09:32

Observations

Weather Conditions	Sunny. Recent snow storm
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Well Information

Stick Up (inches from ground surface)	-99
Depth to Water (inches from top of collar)	9.25
Depth to Bottom (inches from top of collar)	17.06
Cubic feet of water in well	0.014191789673599998
Gallons of water in well	0.10616196648915827
Pumping Notes	Snow too deep to find stick up. Discharge 10 Fill 12
Purge Time (minutes)	18
Purge Volume (Gallons)	2

Field Chemistry

Water Temperature (C) 1	1.3
Conductivity (uS/cm) 1	10.2
Field DO (%) 1	-99
Field pH 1	7.14
Water Temperature (C) 2	0.8
Conductivity (uS/cm) 2	10.3
Field DO (%) 2	-99
Field pH 2	7.45
Water Temperature (C) 3	0.8
Conductivity (uS/cm) 3	10.8
Field DO (%) 3	-99
Field pH 3	7.48
Sample method	bladder
SampleTime	09:32
Field ORP (mV)	273
Water Temperature (C)	0.8
Field TDS (mg/L)	-99
Conductivity (uS/cm)	10.1
Field DO (%)	-99
Field pH	7.46

color and clarity Clear

Final Depth to Water (inches from top of collar) 9.3

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'Todd Jesse'.

Signed 2022-03-03 10:34:30 MST

Notes DO would not calibrate

2022-03-03

Created	2022-03-03 12:03:37 MST by Environmental Department
Updated	2022-03-03 12:38:18 MST by Environmental Department
Location	37.975247, -107.7525222
Groundwater 2021 Field Data	
Well ID	GW-2A
Date	2022-03-03
Time	12:03

Observations

Weather Conditions	Sunny. Recent snow storm
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Well Information

Stick Up (inches from ground surface)	-99
Depth to Water (inches from top of collar)	10.7
Depth to Bottom (inches from top of collar)	15.7
Cubic feet of water in well	0.0090856528
Gallons of water in well	0.067965407483456
Pumping Notes	Discharge 8 Fill 15
Purge Time (minutes)	15
Purge Volume (Gallons)	1.5

Field Chemistry

Water Temperature (C) 1	2.4
Conductivity (uS/cm) 1	12.9
Field DO (%) 1	-99
Field pH 1	7.03
Water Temperature (C) 2	2.4
Conductivity (uS/cm) 2	10.7
Field DO (%) 2	-99
Field pH 2	7.1
Water Temperature (C) 3	2.4
Conductivity (uS/cm) 3	10.7
Field DO (%) 3	-99
Field pH 3	7.01
Sample method	bladder pump
SampleTime	12:03
Field ORP (mV)	272
Water Temperature (C)	2.4
Field TDS (mg/L)	-99
Conductivity (uS/cm)	10.7
Field DO (%)	-99
Field pH	7.01

color and clarity Clear

Final Depth to Water (inches from top of collar) 10.8

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'Todd Jesse'.

Signed 2022-03-03 12:06:08 MST

2022-03-03

Created	2022-03-03 12:38:22 MST by Environmental Department
Updated	2022-03-03 13:21:54 MST by Environmental Department
Location	37.9753099, -107.7525307
Groundwater 2021 Field Data	
Well ID	GW-2B
Date	2022-03-03
Time	12:38

Observations

Weather Conditions	Sunny recent snow storm
--------------------	-------------------------

Well Information

Stick Up (inches from ground surface)	-99
Depth to Water (inches from top of collar)	11.4
Depth to Bottom (inches from top of collar)	28.98
Cubic feet of water in well	0.031945155244799996
Gallons of water in well	0.23896637271183127
Pumping Notes	Discharge 12 fill 20.no draw down
Purge Time (minutes)	15
Purge Volume (Gallons)	2

Field Chemistry

Water Temperature (C) 1	3.4
Conductivity (uS/cm) 1	7.8
Field DO (%) 1	-99
Field pH 1	6.4
Water Temperature (C) 2	3.4
Conductivity (uS/cm) 2	7.8
Field DO (%) 2	-99
Field pH 2	6.3
Water Temperature (C) 3	3.2
Conductivity (uS/cm) 3	7.9
Field DO (%) 3	-99
Field pH 3	6.3
Sample method	bladder pump
SampleTime	12:38
Field ORP (mV)	138
Water Temperature (C)	3.2
Field TDS (mg/L)	-99
Conductivity (uS/cm)	7.8
Field DO (%)	-99
Field pH	6.26

color and clarity

Clear

Final Depth to Water (inches from top of collar)

11.4

Photos



Sampler Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read "Todd Jesse".

Signed 2022-03-03 13:00:59 MST

2022-03-03

Created	2022-03-03 12:32:52 MST by Environmental Department
Updated	2022-08-01 15:07:12 MDT by Environmental Department
Location	37.975186, -107.7526213
Groundwater 2021 Field Data	
Well ID	GW-99
Duplicated Well	GW-2A
Date	2022-03-03
Time	12:32

Observations

Weather Conditions	Sunny recent snow storm
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Well Information

Stick Up (inches from ground surface)	-99
Depth to Water (inches from top of collar)	10.7
Depth to Bottom (inches from top of collar)	15.7
Cubic feet of water in well	0.0090856528
Gallons of water in well	0.067965407483456
Pumping Notes	Discharge 8 fill 15
Purge Time (minutes)	15
Purge Volume (Gallons)	1.5

Field Chemistry

Water Temperature (C) 1	2.4
Conductivity (uS/cm) 1	12.9
Field DO (%) 1	-99
Field pH 1	7.03
Water Temperature (C) 2	2.4
Conductivity (uS/cm) 2	10.7
Field DO (%) 2	-99
Field pH 2	7.1
Water Temperature (C) 3	2.4
Conductivity (uS/cm) 3	10.7
Field DO (%) 3	-99
Field pH 3	7.01
Sample method	Bladder Pump
SampleTime	12:32
Field ORP (mV)	272
Water Temperature (C)	2.4
Field TDS (mg/L)	-99
Conductivity (uS/cm)	10.7
Field DO (%)	-99

Field pH	7.01
color and clarity	Clear
Final Depth to Water (inches from top of collar)	10.8

Photos



Sampler Name	Todd Jesse
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Signature

Signed 2022-08-01 15:06:58 MDT

Notes	Duplicate for 2A
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2022-05-25

Created	2022-05-25 14:57:31 MDT by Environmental Department
Updated	2022-05-25 15:12:12 MDT by Environmental Department
Location	37.9751377, -107.750983
Groundwater 2021 Field Data	
Well ID	GW-0
Date	2022-05-25
Time	14:57

Observations

Weather Conditions	Sunny. Snow two days ago
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Well Information

Stick Up (inches from ground surface)	-99
Depth to Water (inches from top of collar)	-99
Depth to Bottom (inches from top of collar)	-99
Cubic feet of water in well	0
Gallons of water in well	0
Pumping Notes	Fill 22 discharge 12
Purge Time (minutes)	-99
Purge Volume (Gallons)	-99

Field Chemistry

Sample method	bladder pump
SampleTime	14:57
Field ORP (mV)	167.3
Water Temperature (C)	19.2
Field TDS (mg/L)	-99
Conductivity (uS/cm)	11.6
Field DO (%)	54.6
Field pH	7.49
color and clarity	Clear
Final Depth to Water (inches from top of collar)	-99

Photos



Sampler Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to be 'TJ' or similar, written in a cursive style.

Signed 2022-05-25 15:11:30 MDT

Notes

Blank.

2022-05-25

Created	2022-05-25 09:42:58 MDT by Environmental Department
Updated	2022-05-25 10:24:08 MDT by Environmental Department
Location	37.9753681, -107.7543147
Groundwater 2021 Field Data	
Well ID	GW-1A
Date	2022-05-25
Time	09:42

Observations

Weather Conditions	Sunny
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Well Information

Stick Up (inches from ground surface)	52.8
Depth to Water (inches from top of collar)	74.4
Depth to Bottom (inches from top of collar)	109.2
Cubic feet of water in well	0.063236143488
Gallons of water in well	0.47303923608485376
Pumping Notes	Discharge 12 Fill 20
Purge Time (minutes)	18
Purge Volume (Gallons)	1.25

Field Chemistry

Water Temperature (C) 1	3.4
Conductivity (uS/cm) 1	1.2
Field DO (%) 1	83.3
Field pH 1	7.83
Water Temperature (C) 2	3.1
Conductivity (uS/cm) 2	0.8
Field DO (%) 2	80.1
Field pH 2	7.43
Water Temperature (C) 3	2.7
Conductivity (uS/cm) 3	1.1
Field DO (%) 3	79.7
Field pH 3	7.48
Sample method	bladder pump
SampleTime	09:42
Field ORP (mV)	121.9
Water Temperature (C)	2.8
Field TDS (mg/L)	-99
Conductivity (uS/cm)	0.9
Field DO (%)	77.8
Field pH	7.42

color and clarity Clear

Final Depth to Water (inches from top of collar) 74.44

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'Todd Jesse'.

Signed 2022-05-25 10:23:40 MDT

Notes Sunny, snow two days ago

2022-05-25

Created	2022-05-25 10:24:20 MDT by Environmental Department
Updated	2022-05-25 10:58:11 MDT by Environmental Department
Location	37.975424, -107.7543146
Groundwater 2021 Field Data	
Well ID	GW-1B
Date	2022-05-25
Time	10:24

Observations

Weather Conditions	Sunny, snow two days ago
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Well Information

Stick Up (inches from ground surface)	43.2
Depth to Water (inches from top of collar)	64.8
Depth to Bottom (inches from top of collar)	205.2
Cubic feet of water in well	0.25512513062399994
Gallons of water in well	1.9084686421354444
Pumping Notes	Discharge 10, fill 25
Purge Time (minutes)	16
Purge Volume (Gallons)	1.1

Field Chemistry

Water Temperature (C) 1	2.9
Conductivity (uS/cm) 1	2.5
Field DO (%) 1	93.3
Field pH 1	7.55
Water Temperature (C) 2	2.8
Conductivity (uS/cm) 2	8
Field DO (%) 2	96
Field pH 2	7.44
Water Temperature (C) 3	2.8
Conductivity (uS/cm) 3	8.5
Field DO (%) 3	97.9
Field pH 3	7.54
Sample method	bladder pump
SampleTime	10:24
Field ORP (mV)	228.7
Water Temperature (C)	2.7
Field TDS (mg/L)	-99
Conductivity (uS/cm)	7.8
Field DO (%)	96.6
Field pH	7.3

color and clarity Clear

Final Depth to Water (inches from top of collar) 66

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read "Todd Jesse".

Signed 2022-05-25 10:35:41 MDT

Notes 1.2 inches of draw down.

2022-05-25

Created	2022-05-25 11:38:46 MDT by Environmental Department
Updated	2022-05-25 12:13:39 MDT by Environmental Department
Location	37.9752467, -107.7525375
Groundwater 2021 Field Data	
Well ID	GW-2A
Date	2022-05-25
Time	11:38

Observations

Weather Conditions	Sunny. Snow two days ago
--------------------	--------------------------

Well Information

Stick Up (inches from ground surface)	8.4
Depth to Water (inches from top of collar)	118.8
Depth to Bottom (inches from top of collar)	172.8
Cubic feet of water in well	0.09812505024000003
Gallons of water in well	0.734026400821325
Pumping Notes	Discharge 10 fill 22
Purge Time (minutes)	16
Purge Volume (Gallons)	1.5

Field Chemistry

Water Temperature (C) 1	2.9
Conductivity (uS/cm) 1	7.7
Field DO (%) 1	160
Field pH 1	7.14
Water Temperature (C) 2	2.5
Conductivity (uS/cm) 2	16.9
Field DO (%) 2	75.6
Field pH 2	7.68
Water Temperature (C) 3	2.4
Conductivity (uS/cm) 3	19.2
Field DO (%) 3	82.8
Field pH 3	7.5
Sample method	bladder
SampleTime	11:38
Field ORP (mV)	257
Water Temperature (C)	2.4
Field TDS (mg/L)	-99
Conductivity (uS/cm)	27.2
Field DO (%)	86
Field pH	7.51

color and clarity Clear

Final Depth to Water (inches from top of collar) 112.8

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'Todd Jesse', written over a white background.

Signed 2022-05-25 12:11:58 MDT

Notes 6 inches draw down.

2022-05-25

Created	2022-05-25 12:13:43 MDT by Environmental Department
Updated	2022-05-25 12:55:59 MDT by Environmental Department
Location	37.9752044, -107.7524667
Groundwater 2021 Field Data	
Well ID	GW-2B
Date	2022-05-25
Time	12:13

Observations

Weather Conditions	Sunny. Snow two days ago
--------------------	--------------------------

Well Information

Stick Up (inches from ground surface)	14.4
Depth to Water (inches from top of collar)	121.2
Depth to Bottom (inches from top of collar)	345.6
Cubic feet of water in well	0.40776409766400007
Gallons of water in well	3.050287487857506
Pumping Notes	Fill 20 discharge 12
Purge Time (minutes)	17
Purge Volume (Gallons)	1.75

Field Chemistry

Water Temperature (C) 1	2.8
Conductivity (uS/cm) 1	17.3
Field DO (%) 1	85.4
Field pH 1	6.78
Water Temperature (C) 2	2.9
Conductivity (uS/cm) 2	20.3
Field DO (%) 2	82.7
Field pH 2	6.79
Water Temperature (C) 3	2.8
Conductivity (uS/cm) 3	5.5
Field DO (%) 3	82.4
Field pH 3	6.95
Sample method	bladder pump
SampleTime	12:13
Field ORP (mV)	219.9
Water Temperature (C)	2.8
Field TDS (mg/L)	-99
Conductivity (uS/cm)	8.7
Field DO (%)	81.7
Field pH	6.99

color and clarity Clear

Final Depth to Water (inches from top of collar) 121.2

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to be 'Todd Jesse', written on a white background.

Signed 2022-05-25 12:40:48 MDT

Notes 0 inches draw down

2022-05-25

Created	2022-05-25 13:12:01 MDT by Environmental Department
Updated	2022-05-25 14:07:16 MDT by Environmental Department
Location	37.9754222, -107.7506412
Groundwater 2021 Field Data	
Well ID	GW-3B
Date	2022-05-25
Time	13:12

Observations

Weather Conditions	Sunny. Snow two days ago
--------------------	--------------------------

Well Information

Stick Up (inches from ground surface)	37
Depth to Water (inches from top of collar)	196.8
Depth to Bottom (inches from top of collar)	500
Cubic feet of water in well	0.550953985792
Gallons of water in well	4.121422309796772
Pumping Notes	Discharge 12 fill 20
Purge Time (minutes)	30
Purge Volume (Gallons)	2.25

Field Chemistry

Water Temperature (C) 1	4.1
Conductivity (uS/cm) 1	0.9
Field DO (%) 1	123.3
Field pH 1	6.63
Water Temperature (C) 2	4.1
Conductivity (uS/cm) 2	0.5
Field DO (%) 2	113
Field pH 2	7
Water Temperature (C) 3	4
Conductivity (uS/cm) 3	0.4
Field DO (%) 3	96
Field pH 3	6.95
Sample method	bladder
SampleTime	13:12
Field ORP (mV)	217.7
Water Temperature (C)	4
Field TDS (mg/L)	-99
Conductivity (uS/cm)	0.3
Field DO (%)	102
Field pH	6.93

color and clarity Clear

Final Depth to Water (inches from top of collar) 196.8

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read "Todd Jesse".

Signed 2022-05-25 14:03:10 MDT

Notes 0 inches draw down

2022-05-25

Created	2022-05-25 14:11:35 MDT by Environmental Department
Updated	2022-05-25 14:57:28 MDT by Environmental Department
Location	37.9750991, -107.7509771
Groundwater 2021 Field Data	
Well ID	GW-3R
Date	2022-05-25
Time	14:11

Observations

Weather Conditions	Sunny. Snow two days ago
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Well Information

Stick Up (inches from ground surface)	9.6
Depth to Water (inches from top of collar)	254.4
Depth to Bottom (inches from top of collar)	408
Cubic feet of water in well	0.279111254016
Gallons of water in well	2.0878973178917684
Pumping Notes	Discharge 12 fill 22
Purge Time (minutes)	20
Purge Volume (Gallons)	1.75

Field Chemistry

Water Temperature (C) 1	3.7
Conductivity (uS/cm) 1	3.5
Field DO (%) 1	105
Field pH 1	7.33
Water Temperature (C) 2	3.6
Conductivity (uS/cm) 2	6.2
Field DO (%) 2	94
Field pH 2	7.21
Water Temperature (C) 3	3.5
Conductivity (uS/cm) 3	6.5
Field DO (%) 3	95.2
Field pH 3	7.05
Sample method	bladder
SampleTime	14:11
Field ORP (mV)	193.4
Water Temperature (C)	3.4
Field TDS (mg/L)	-99
Conductivity (uS/cm)	6.1
Field DO (%)	91.4
Field pH	7.03

color and clarity Clear

Final Depth to Water (inches from top of collar) 253.2

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to be 'TJ' or similar, written on a white background.

Signed 2022-05-25 14:56:49 MDT

Notes One inch draw down

2022-05-25

Created	2022-05-25 14:21:52 MDT by Environmental Department
Updated	2022-05-25 14:57:19 MDT by Environmental Department
Location	37.9752414, -107.7509427
Groundwater 2021 Field Data	
Well ID	GW-99
Duplicated Well	GW-3R
Date	2022-05-25
Time	14:21

Observations

Weather Conditions	Sunny. Snow two days ago
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Well Information

Stick Up (inches from ground surface)	9.6
Depth to Water (inches from top of collar)	254.4
Depth to Bottom (inches from top of collar)	408
Cubic feet of water in well	0.279111254016
Gallons of water in well	2.0878973178917684
Pumping Notes	Fill 22 discharge 12
Purge Time (minutes)	20
Purge Volume (Gallons)	1.75

Field Chemistry

Water Temperature (C) 1	3.6
Conductivity (uS/cm) 1	6.7
Field DO (%) 1	98
Field pH 1	7.28
Water Temperature (C) 2	3.5
Conductivity (uS/cm) 2	7.2
Field DO (%) 2	96.2
Field pH 2	7.16
Water Temperature (C) 3	3.5
Conductivity (uS/cm) 3	6.9
Field DO (%) 3	91.1
Field pH 3	7.04
Sample method	bladder
SampleTime	14:21
Field ORP (mV)	192.5
Water Temperature (C)	3.5
Field TDS (mg/L)	-99
Conductivity (uS/cm)	6.1
Field DO (%)	92.9

Field pH	7.04
color and clarity	Clear
Final Depth to Water (inches from top of collar)	253.2

Photos



Sampler Name	Todd Jesse
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Signature

Signed 2022-05-25 14:56:10 MDT

Notes	Inch draw down
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2022-08-23

Created	2022-08-23 12:19:24 MDT by Environmental Department
Updated	2022-08-23 12:22:58 MDT by Environmental Department
Location	37.9750374, -107.7510672
Groundwater 2021 Field Data	
Well ID	GW-0
Date	2022-08-23
Time	12:19

Observations

Weather Conditions	Partly cloudy
--------------------	---------------

Well Information

Stick Up (inches from ground surface)	-99
Depth to Water (inches from top of collar)	-99
Depth to Bottom (inches from top of collar)	-99
Cubic feet of water in well	0
Gallons of water in well	0
Pumping Notes	Discharge 12 fill 20
Purge Time (minutes)	-99
Purge Volume (Gallons)	-99

Field Chemistry

Sample method	bladder pump
SampleTime	12:19
Field ORP (mV)	167.2
Water Temperature (C)	16.9
Field TDS (mg/L)	-99
Conductivity (uS/cm)	2.5
Field DO (%)	51.2
Field pH	7.65
color and clarity	Clear
Final Depth to Water (inches from top of collar)	-99

Photos



Sampler Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'TJesse', written over a horizontal line.

Signed 2022-08-23 12:20:37 MDT

Notes

Blank

2022-08-23

Created	2022-08-23 08:52:07 MDT by Environmental Department
Updated	2022-08-23 09:04:51 MDT by Environmental Department
Location	37.9754035, -107.7544377
Groundwater 2021 Field Data	
Well ID	GW-1A
Date	2022-08-23
Time	08:52

Observations

Weather Conditions	Sunny. Heavy rain last night
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Well Information

Stick Up (inches from ground surface)	60
Depth to Water (inches from top of collar)	106.8
Depth to Bottom (inches from top of collar)	108.6
Cubic feet of water in well	0.003270835007999995
Gallons of water in well	0.024467546694044124
Pumping Notes	Discharge 10 fill 25
Purge Time (minutes)	5
Purge Volume (Gallons)	0

Field Chemistry

Sample method	bladder pump
SampleTime	08:52
Field ORP (mV)	-99
Water Temperature (C)	-99
Field TDS (mg/L)	-99
Conductivity (uS/cm)	-99
Field DO (%)	-99
Field pH	-99
color and clarity	no water
Final Depth to Water (inches from top of collar)	106.8

Photos



Sampler Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'TJesse'.

Signed 2022-08-23 09:00:58 MDT

Notes

Not enough water in well to sample or record field parameters.

2022-08-23

Created	2022-08-23 08:19:06 MDT by Environmental Department
Updated	2022-08-23 08:52:04 MDT by Environmental Department
Location	37.9753577, -107.7543283
Groundwater 2021 Field Data	
Well ID	GW-1B
Date	2022-08-23
Time	08:19

Observations

Weather Conditions	Sunny. Heavy rain last night
--------------------	------------------------------

Well Information

Stick Up (inches from ground surface)	53.4
Depth to Water (inches from top of collar)	97.2
Depth to Bottom (inches from top of collar)	205.2
Cubic feet of water in well	0.19625010048
Gallons of water in well	1.4680528016426495
Pumping Notes	Discharge 12 Fill 20
Purge Time (minutes)	20
Purge Volume (Gallons)	2

Field Chemistry

Water Temperature (C) 1	10.7
Conductivity (uS/cm) 1	0.2
Field DO (%) 1	83.2
Field pH 1	7.23
Water Temperature (C) 2	9.7
Conductivity (uS/cm) 2	0.3
Field DO (%) 2	79.8
Field pH 2	6.87
Water Temperature (C) 3	9.1
Conductivity (uS/cm) 3	0.3
Field DO (%) 3	78
Field pH 3	6.9
Sample method	bladder pump
SampleTime	08:19
Field ORP (mV)	-732
Water Temperature (C)	8.9
Field TDS (mg/L)	-99
Conductivity (uS/cm)	0.2
Field DO (%)	76.6
Field pH	6.92

color and clarity Clear

Final Depth to Water (inches from top of collar) 97.2

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'T. Jesse'.

Signed 2022-08-23 08:51:54 MDT

Notes No draw down.

2022-08-23

Created	2022-08-23 09:24:05 MDT by Environmental Department
Updated	2022-08-23 09:55:33 MDT by Environmental Department
Location	37.9750655, -107.7524437
Groundwater 2021 Field Data	
Well ID	GW-2A
Date	2022-08-23
Time	09:24

Observations

Weather Conditions	Sunny. Heavy rain last night
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Well Information

Stick Up (inches from ground surface)	12
Depth to Water (inches from top of collar)	114.6
Depth to Bottom (inches from top of collar)	174
Cubic feet of water in well	0.10793755526400002
Gallons of water in well	0.8074290409034575
Pumping Notes	Discharge 10 Fill 22
Purge Time (minutes)	20
Purge Volume (Gallons)	2

Field Chemistry

Water Temperature (C) 1	13.1
Conductivity (uS/cm) 1	1.5
Field DO (%) 1	77.9
Field pH 1	7.39
Water Temperature (C) 2	8.4
Conductivity (uS/cm) 2	0.4
Field DO (%) 2	87.6
Field pH 2	7.2
Water Temperature (C) 3	7.2
Conductivity (uS/cm) 3	0.6
Field DO (%) 3	90.8
Field pH 3	7.06
Sample method	bladder
SampleTime	09:24
Field ORP (mV)	-215.6
Water Temperature (C)	7.7
Field TDS (mg/L)	-99
Conductivity (uS/cm)	1.1
Field DO (%)	94.2
Field pH	6.94

color and clarity Clear

Final Depth to Water (inches from top of collar) 114.6

Photos



Sampler Name Todd Jesse

Signature



Signed 2022-08-23 09:42:01 MDT

Notes No draw down

2022-08-23

Created	2022-08-23 09:57:05 MDT by Environmental Department
Updated	2022-08-23 10:35:00 MDT by Environmental Department
Location	37.975206, -107.7525484
Groundwater 2021 Field Data	
Well ID	GW-2B
Date	2022-08-23
Time	09:57

Observations

Weather Conditions	Partly cloudy. Heavy rain last night.
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Well Information

Stick Up (inches from ground surface)	12
Depth to Water (inches from top of collar)	123.6
Depth to Bottom (inches from top of collar)	346.8
Cubic feet of water in well	0.40558354099200006
Gallons of water in well	3.0339757900614766
Pumping Notes	Discharge 12 fill 20
Purge Time (minutes)	25
Purge Volume (Gallons)	2.5

Field Chemistry

Water Temperature (C) 1	6.93
Conductivity (uS/cm) 1	1.2
Field DO (%) 1	129.6
Field pH 1	7.04
Water Temperature (C) 2	6.1
Conductivity (uS/cm) 2	28.7
Field DO (%) 2	114.4
Field pH 2	6.96
Water Temperature (C) 3	5.9
Conductivity (uS/cm) 3	23.1
Field DO (%) 3	104.3
Field pH 3	6.95
Sample method	bladder pump
SampleTime	09:57
Field ORP (mV)	-182.8
Water Temperature (C)	6.4
Field TDS (mg/L)	-99
Conductivity (uS/cm)	23.5
Field DO (%)	105.4
Field pH	6.94

color and clarity Clear

Final Depth to Water (inches from top of collar) 123.6

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'TJesse'.

Signed 2022-08-23 10:07:28 MDT

Notes Duplicate well. No draw down

2022-08-23

Created	2022-08-23 10:47:48 MDT by Environmental Department
Updated	2022-08-23 14:53:39 MDT by Environmental Department
Location	37.9755571, -107.7506294
Groundwater 2021 Field Data	
Well ID	GW-3B
Date	2022-08-23
Time	10:47

Observations

Weather Conditions	Partly cloudy. Heavy rain last night
--------------------	--------------------------------------

Well Information

Stick Up (inches from ground surface)	37.2
Depth to Water (inches from top of collar)	196.87
Depth to Bottom (inches from top of collar)	594
Cubic feet of water in well	0.7216370592928
Gallons of water in well	5.398220454780977
Pumping Notes	Discharge 14 fill 26
Purge Time (minutes)	25
Purge Volume (Gallons)	2.5

Field Chemistry

Water Temperature (C) 1	14.1
Conductivity (uS/cm) 1	0
Field DO (%) 1	96.8
Field pH 1	7.42
Water Temperature (C) 2	10.4
Conductivity (uS/cm) 2	-99
Field DO (%) 2	88.6
Water Temperature (C) 3	6.7
Conductivity (uS/cm) 3	-99
Field DO (%) 3	78.2
Field pH 3	6.83
Sample method	bladder pump
SampleTime	10:47
Field ORP (mV)	-288.7
Water Temperature (C)	6.1
Field TDS (mg/L)	-99
Conductivity (uS/cm)	-99
Field DO (%)	75.5
Field pH	6.84
color and clarity	Clear

Final Depth to Water (inches from top of collar) 232.8

Photos



Sampler Name Todd Jesse

Signature



Signed 2022-08-23 11:03:56 MDT

Notes Conductivity not reading on meter. 30 inches of draw down. Pump settings too high

2022-08-23

Created	2022-08-23 11:39:20 MDT by Environmental Department
Updated	2022-08-23 12:14:21 MDT by Environmental Department
Location	37.9741553, -107.7506916
Groundwater 2021 Field Data	
Well ID	GW-3R
Date	2022-08-23
Time	11:39

Observations

Weather Conditions	Partly cloudy. Heavy rain last night
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Well Information

Stick Up (inches from ground surface)	8.4
Depth to Water (inches from top of collar)	254.4
Depth to Bottom (inches from top of collar)	408
Cubic feet of water in well	0.279111254016
Gallons of water in well	2.0878973178917684
Pumping Notes	Discharge 12 fill 20
Purge Time (minutes)	20
Purge Volume (Gallons)	2

Field Chemistry

Water Temperature (C) 1	12.2
Conductivity (uS/cm) 1	2.8
Field DO (%) 1	101.7
Field pH 1	7.47
Water Temperature (C) 2	5.9
Conductivity (uS/cm) 2	2.1
Field DO (%) 2	84.6
Field pH 2	7.39
Water Temperature (C) 3	5
Conductivity (uS/cm) 3	7.4
Field DO (%) 3	75.1
Field pH 3	7.14
Sample method	bladder pump
SampleTime	11:39
Field ORP (mV)	124.2
Water Temperature (C)	4.8
Field TDS (mg/L)	-99
Conductivity (uS/cm)	8.1
Field DO (%)	73
Field pH	7.23

color and clarity Clear

Final Depth to Water (inches from top of collar) 254.4

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'TJesse', written over a white background.

Signed 2022-08-23 11:49:46 MDT

Notes No draw down. Did not flush entire cas9nv but got stable readings.

2022-08-23

Created	2022-08-23 10:03:22 MDT by Environmental Department
Updated	2022-08-23 10:34:31 MDT by Environmental Department
Location	37.9751956, -107.7525759
Groundwater 2021 Field Data	
Well ID	GW-99
Duplicated Well	GW-2B
Date	2022-08-23
Time	10:03

Observations

Weather Conditions	Partly cloudy. Heavy rain last night
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Well Information

Stick Up (inches from ground surface)	12
Depth to Water (inches from top of collar)	123.6
Depth to Bottom (inches from top of collar)	346.8
Cubic feet of water in well	0.40558354099200006
Gallons of water in well	3.0339757900614766
Pumping Notes	Discharge 12 fill 20
Purge Time (minutes)	25
Purge Volume (Gallons)	2.5

Field Chemistry

Water Temperature (C) 1	6.5
Conductivity (uS/cm) 1	6.1
Field DO (%) 1	184.6
Field pH 1	7.06
Water Temperature (C) 2	5.9
Conductivity (uS/cm) 2	24.6
Field DO (%) 2	117.3
Field pH 2	6.93
Water Temperature (C) 3	6.1
Conductivity (uS/cm) 3	21.5
Field DO (%) 3	111.8
Field pH 3	6.9
Sample method	bladder pump
SampleTime	10:03
Field ORP (mV)	-521
Water Temperature (C)	6.3
Field TDS (mg/L)	-99
Conductivity (uS/cm)	24.1
Field DO (%)	104.4

Field pH	6.94
color and clarity	Clear
Final Depth to Water (inches from top of collar)	123.6

Photos



Sampler Name	Todd Jesse
Signature	

Signed 2022-08-23 10:03:47 MDT

Notes	Duplicate on well GW2B. No draw down
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2022-12-15

Created	2022-12-15 13:26:40 MST by Environmental Department
Updated	2022-12-15 13:29:14 MST by Environmental Department
Location	37.9739404, -107.750819
Groundwater 2021 Field Data	
Well ID	GW-0
Date	2022-12-15
Time	13:26

Observations

Weather Conditions	Snowing
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Well Information

Stick Up (inches from ground surface)	0
Depth to Water (inches from top of collar)	0
Depth to Bottom (inches from top of collar)	0
Cubic feet of water in well	0
Gallons of water in well	0
Pumping Notes	D=13 f=20
Purge Time (minutes)	0
Purge Volume (Gallons)	0

Field Chemistry

Sample method	bladder pump
SampleTime	13:26
Field ORP (mV)	94.8
Water Temperature (C)	6.2
Field TDS (mg/L)	-99
Conductivity (uS/cm)	6
Field DO (%)	73
Field pH	8.57
color and clarity	Clear
Final Depth to Water (inches from top of collar)	-99

Photos



Sampler Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'TJesse'.

Signed 2022-12-15 13:27:31 MST

Notes

Equipment blank

2022-12-15

Created	2022-12-15 09:23:54 MST by Environmental Department
Updated	2022-12-15 13:33:39 MST by Environmental Department
Location	37.9756497, -107.7551316
Groundwater 2021 Field Data	
Well ID	GW-1A
Date	2022-12-15
Time	09:23

Observations

Weather Conditions	Snowing
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Well Information

Stick Up (inches from ground surface)	60
Depth to Water (inches from top of collar)	108.6
Depth to Bottom (inches from top of collar)	108.6
Cubic feet of water in well	0
Gallons of water in well	0
Pumping Notes	No water in well. Did not pump
Purge Time (minutes)	0
Purge Volume (Gallons)	0

Field Chemistry

Sample method	bladder
SampleTime	09:23
Field ORP (mV)	-99
Water Temperature (C)	-99
Field TDS (mg/L)	-99
Conductivity (uS/cm)	-99
Field DO (%)	-99
Field pH	-99
color and clarity	no water
Final Depth to Water (inches from top of collar)	108.6

Photos



Sampler Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'TJesse', written over a white background.

Signed 2022-12-15 09:38:47 MST

Notes

Well is dry

2022-12-15

Created	2022-12-15 09:38:54 MST by Environmental Department
Updated	2022-12-15 13:30:08 MST by Environmental Department
Location	37.9753787, -107.7543635
Groundwater 2021 Field Data	
Well ID	GW-1B
Date	2022-12-15
Time	09:38

Observations

Weather Conditions	Snowing
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Well Information

Stick Up (inches from ground surface)	53.4
Depth to Water (inches from top of collar)	111
Depth to Bottom (inches from top of collar)	205.2
Cubic feet of water in well	0.17117369875199998
Gallons of water in well	1.280468276988311
Pumping Notes	D=13 F=20
Purge Time (minutes)	15
Purge Volume (Gallons)	2

Field Chemistry

Water Temperature (C) 1	1.2
Conductivity (uS/cm) 1	367
Field DO (%) 1	52.1
Field pH 1	8.78
Water Temperature (C) 2	1.8
Conductivity (uS/cm) 2	224
Field DO (%) 2	55.4
Field pH 2	8.31
Water Temperature (C) 3	1.5
Conductivity (uS/cm) 3	227
Field DO (%) 3	55.9
Field pH 3	8.2
Sample method	bladder pump
SampleTime	09:38
Field ORP (mV)	83.8
Water Temperature (C)	1.3
Field TDS (mg/L)	-99
Conductivity (uS/cm)	228
Field DO (%)	54.8
Field pH	8.11

color and clarity Clear

Final Depth to Water (inches from top of collar) 111

Photos



Sampler Name Todd Jesse

Signature

Signed 2022-12-15 10:03:06 MST

Notes Bladder pump freezing

2022-12-15

Created	2022-12-15 13:51:48 MST by Environmental Department
Updated	2023-01-27 13:10:17 MST by Environmental Department
Location	38.0375965, -107.6801871
Groundwater 2021 Field Data	
Well ID	GW-2A
Date	2022-12-15
Time	13:51

Observations

Weather Conditions	Snowing
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Well Information

Stick Up (inches from ground surface)	12
Depth to Water (inches from top of collar)	124
Depth to Bottom (inches from top of collar)	174
Cubic feet of water in well	0.090856528
Gallons of water in well	0.6796540748345601
Pumping Notes	D=10 f=18
Purge Time (minutes)	20
Purge Volume (Gallons)	1

Field Chemistry

Water Temperature (C) 1	1.9
Conductivity (uS/cm) 1	190
Field DO (%) 1	40
Field pH 1	7.6
Water Temperature (C) 2	2.8
Conductivity (uS/cm) 2	190
Field DO (%) 2	46
Field pH 2	7.47
Water Temperature (C) 3	2.5
Conductivity (uS/cm) 3	194
Field DO (%) 3	45.4
Field pH 3	7.36
Sample method	bladder pump
SampleTime	13:51
Field ORP (mV)	105
Water Temperature (C)	2.5
Field TDS (mg/L)	124
Conductivity (uS/cm)	194
Field DO (%)	45.4
Field pH	7.36

color and clarity	Clear
Final Depth to Water (inches from top of collar)	124
Photos	



Sampler Name	Todd Jesse
Signature	

Handwritten signature of Todd Jesse.

Signed 2022-12-15 13:53:21 MST

Notes	Cell phone died due to cold Temps. Data entered at later date into fulcrum
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2022-12-15

Created	2022-12-15 14:08:49 MST by Environmental Department
Updated	2023-01-27 13:15:52 MST by Environmental Department
Location	37.9753331, -107.7527072
Groundwater 2021 Field Data	
Well ID	GW-2B
Date	2022-12-15
Time	14:08

Observations

Weather Conditions	Snowing
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Well Information

Stick Up (inches from ground surface)	12
Depth to Water (inches from top of collar)	133
Depth to Bottom (inches from top of collar)	346.8
Cubic feet of water in well	0.38850251372800010
Gallons of water in well	2.906200823992579
Pumping Notes	D=10 F=20
Purge Time (minutes)	25
Purge Volume (Gallons)	2.5

Field Chemistry

Water Temperature (C) 1	3.6
Conductivity (uS/cm) 1	90
Field DO (%) 1	47.4
Field pH 1	7.88
Water Temperature (C) 2	1.6
Conductivity (uS/cm) 2	171
Field DO (%) 2	46
Field pH 2	7.3
Water Temperature (C) 3	1.5
Conductivity (uS/cm) 3	171
Field DO (%) 3	46.3
Field pH 3	7.22
Sample method	bladder pump
SampleTime	14:08
Field ORP (mV)	925
Water Temperature (C)	1.9
Field TDS (mg/L)	113
Conductivity (uS/cm)	174
Field DO (%)	46.6
Field pH	7.2

color and clarity Clear

Final Depth to Water (inches from top of collar) 133

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'TJesse'.

Signed 2023-01-27 13:14:38 MST

Notes Cell phone died due to cold. Data recorded in notebook and entered later

2022-12-15

Created	2022-12-15 09:58:42 MST by Environmental Department
Updated	2022-12-15 13:32:15 MST by Environmental Department
Location	37.9753258, -107.754293
Groundwater 2021 Field Data	
Well ID	GW-99
Duplicated Well	GW-1B
Date	2022-12-15
Time	09:58

Observations

Weather Conditions	Snowing
--------------------	---------

Well Information

Stick Up (inches from ground surface)	53.4
Depth to Water (inches from top of collar)	111
Depth to Bottom (inches from top of collar)	205
Cubic feet of water in well	0.17081027264
Gallons of water in well	1.2777496606889729
Pumping Notes	D=12 G =20
Purge Time (minutes)	15
Purge Volume (Gallons)	2

Field Chemistry

Water Temperature (C) 1	1.33
Conductivity (uS/cm) 1	341
Field DO (%) 1	52.2
Field pH 1	7.8
Water Temperature (C) 2	2.1
Conductivity (uS/cm) 2	221
Field DO (%) 2	56.5
Field pH 2	8.4
Water Temperature (C) 3	1.4
Conductivity (uS/cm) 3	226
Field DO (%) 3	54.9
Field pH 3	8.16
Sample method	bladder pump
SampleTime	09:58
Field ORP (mV)	84.7
Water Temperature (C)	1.8
Field TDS (mg/L)	-99
Conductivity (uS/cm)	236
Field DO (%)	54.8

Field pH	8.12
color and clarity	Clear
Final Depth to Water (inches from top of collar)	111
Photos	



Sampler Name	Todd Jesse
Signature	

Signed 2022-12-15 10:04:06 MST

2022-12-20

Created	2022-12-20 13:56:39 MST by Environmental Department
Updated	2022-12-20 14:51:04 MST by Environmental Department
Location	37.9754267, -107.750749
Groundwater 2021 Field Data	
Well ID	GW-3B
Date	2022-12-20
Time	13:56

Observations

Weather Conditions	Cloudy
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Well Information

Stick Up (inches from ground surface)	37.2
Depth to Water (inches from top of collar)	204
Depth to Bottom (inches from top of collar)	594
Cubic feet of water in well	0.7086809184
Gallons of water in well	5.301301783709569
Pumping Notes	F=12 D=18
Purge Time (minutes)	35
Purge Volume (Gallons)	5

Field Chemistry

Water Temperature (C) 1	4.1
Conductivity (uS/cm) 1	813
Field DO (%) 1	35.2
Field pH 1	8.23
Water Temperature (C) 2	4.2
Conductivity (uS/cm) 2	657
Field DO (%) 2	34.4
Field pH 2	7.63
Water Temperature (C) 3	4
Conductivity (uS/cm) 3	343
Field DO (%) 3	39
Field pH 3	7.2
Sample method	bladder pump
SampleTime	13:56
Field ORP (mV)	67
Water Temperature (C)	4
Field TDS (mg/L)	219
Conductivity (uS/cm)	337
Field DO (%)	36.7
Field pH	7.17

color and clarity Clear

Final Depth to Water (inches from top of collar) 204

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'TJesse'.

Signed 2022-12-20 13:58:35 MST

2022-12-20

Created	2022-12-20 14:51:17 MST by Environmental Department
Updated	2023-01-27 13:17:17 MST by Environmental Department
Location	37.9752067, -107.7509246
Groundwater 2021 Field Data	
Well ID	GW-3R
Date	2022-12-20
Time	14:51

Observations

Weather Conditions	Cloudy
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Well Information

Stick Up (inches from ground surface)	8.4
Depth to Water (inches from top of collar)	255.6
Depth to Bottom (inches from top of collar)	408
Cubic feet of water in well	0.276930697344
Gallons of water in well	2.071585620095739
Pumping Notes	F=12 D=20
Purge Time (minutes)	25
Purge Volume (Gallons)	2.5

Field Chemistry

Water Temperature (C) 1	0.9
Conductivity (uS/cm) 1	609
Field DO (%) 1	43.8
Field pH 1	7.33
Water Temperature (C) 2	2.7
Conductivity (uS/cm) 2	345
Field DO (%) 2	41.6
Field pH 2	7.2
Water Temperature (C) 3	2.7
Conductivity (uS/cm) 3	519
Field DO (%) 3	41.3
Field pH 3	7.2
Sample method	bladder
SampleTime	14:51
Field ORP (mV)	73.5
Water Temperature (C)	2.7
Field TDS (mg/L)	357
Conductivity (uS/cm)	550
Field DO (%)	40.8
Field pH	7.2

color and clarity Clear

Final Depth to Water (inches from top of collar) 255.6

Photos



Sampler Name Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'Todd Jesse', written on a white background.

Signed 2022-12-20 15:08:42 MST

Notes No draw down. Some data entered latter because phone died in the cold

2022-01-10, 11:30, OF002A

Created	2022-01-10 11:30:57 MST by Environmental Department
Updated	2022-01-10 12:46:43 MST by Environmental Department
Location	,
Outfall Field Data	
Sample ID	OF002A
Date	2022-01-10
Time	11:30

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	7.63
Field Water's Temperature (C)	1

Flow Information

Staff Gauge Height (feet)	0.25
Flow (CFS)	0.485
Continuous Monitor download?	Yes

Photos



Notes	CDPS Bimonthly sample collected. DO% = 53.6, DO = 7.61 mg/L; SpCnd = 451.4 mg/L; TDS = 293.4 mg/L; ORP = 243.1 mV.
Sampler's Name	Joshua Moore

Signature

John N. Nore

Signed 2022-01-10 11:53:54 MST

2022-01-26, 12:26, OF002A

Created	2022-01-26 12:26:17 MST by Environmental Department
Updated	2022-01-26 12:47:04 MST by Environmental Department
Location	37.97536411791851, -107.74813849488994
Outfall Field Data	
Sample ID	OF002A
Date	2022-01-26
Time	12:26

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	7.33
Field Water's Temperature (C)	0.6

Flow Information

Staff Gauge Height (feet)	0.21
Flow (CFS)	0.3719
Continuous Monitor download?	No

Photos







Sampler's Name

Briana Greer

Signature

A handwritten signature in black ink, appearing to read "Briana Greer".

Signed 2022-01-26 12:40:51 MST

2022-02-10, 12:21, OF002A

Created	2022-02-10 12:21:21 MST by Environmental Department
Updated	2022-02-10 12:40:16 MST by Environmental Department
Location	37.9747418, -107.7495969
Outfall Field Data	
Sample ID	OF002A
Date	2022-02-10
Time	12:21

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	7.26
Field Water's Temperature (C)	0.8

Flow Information

Staff Gauge Height (feet)	0.2
Flow (CFS)	0.3453
Continuous Monitor download?	No

Photos



Notes	Nee computer has driver issue and won't talk to data logger. Will fix resolve before end next sampling event
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Sampler's Name	Todd Jesse
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Signature	
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Signed 2022-02-10 12:39:27 MST

2022-02-17, 11:53, OF002A

Created	2022-02-17 11:53:03 MST by Environmental Department
Updated	2022-02-17 16:56:26 MST by Environmental Department
Location	37.9752372, -107.7481273
Outfall Field Data	
Sample ID	OF002A
Date	2022-02-17
Time	11:53

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	8.01
Field Water's Temperature (C)	0.8

Flow Information

Staff Gauge Height (feet)	0.2
Flow (CFS)	0.3453
Continuous Monitor download?	Yes

Photos



Notes	Only collected pH and temp as field parameters. Sunny day, heavy snow last night and this morning.
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Sampler's Name	Todd Jesse
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Signature	
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Signed 2022-02-17 12:08:49 MST

2022-03-02, 10:33, OF002A

Created	2022-03-02 10:33:57 MST by Environmental Department
Updated	2022-03-02 11:05:10 MST by Environmental Department
Location	37.9753431, -107.7482287
Outfall Field Data	
Sample ID	OF002A
Date	2022-03-02
Time	10:33

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	7.71
Field Water's Temperature (C)	0.4

Flow Information

Staff Gauge Height (feet)	0.2
Flow (CFS)	0.3194
Continuous Monitor download?	Yes

Photos



Notes	Quarterly sampling. Conductivity = 441.9 ORP = 141.6 DO = -99
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Sampler's Name	Todd Jesse
----------------	------------

Signature	
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Signed 2022-03-02 11:04:35 MST

2022-03-14, 10:50, OF002A

Created	2022-03-14 10:50:05 MDT by Environmental Department
Updated	2022-03-14 12:33:54 MDT by Environmental Department
Location	37.9749068, -107.7415494
Outfall Field Data	
Sample ID	OF002A
Date	2022-03-14
Time	10:50

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	-99
Field Water's Temperature (C)	-99

Flow Information

Staff Gauge Height (feet)	0.2
Flow (CFS)	0.3453
Continuous Monitor download?	No

Photos



Notes	Q1 WET test sample collection. Collected 5 gallons.
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

Signed 2022-03-14 10:51:09 MDT

2022-03-16, 09:29, OF002A

Created	2022-03-16 09:29:45 MDT by Environmental Department
Updated	2022-03-16 10:16:41 MDT by Environmental Department
Location	37.9753166, -107.7482803
Outfall Field Data	
Sample ID	OF002A
Date	2022-03-16
Time	09:29

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	7.3
Field Water's Temperature (C)	0.8

Flow Information

Staff Gauge Height (feet)	0.19
Flow (CFS)	0.3194
Continuous Monitor download?	No

Photos



Notes

Bi-monthly and 2nd WET sample collection. Middle of storm cycle couldn't download data logger because computer battery died

Sampler's Name

Todd Jesse

Signature

A handwritten signature in black ink, consisting of a stylized 'H' followed by a large 'Q' and a long horizontal stroke.

Signed 2022-03-16 09:31:20 MDT

2022-03-18, 10:35, OF002A

Created	2022-03-18 10:35:59 MDT by Environmental Department
Updated	2022-03-18 10:39:10 MDT by Environmental Department
Location	37.9750904, -107.7474748
Outfall Field Data	
Sample ID	OF002A
Date	2022-03-18
Time	10:35

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry


equipment calibrated?	No
Field pH	-99
Field Water's Temperature (C)	-99

Flow Information

Staff Gauge Height (feet)	0.19
Flow (CFS)	0.3194
Continuous Monitor download?	No

Photos



Notes	3rd WET test collection. Collected 6 gallons per GEI request
Sampler's Name	Todd Jesse
Signature	
	Signed 2022-03-18 10:38:16 MDT

2022-04-06, 08:57, OF002A

Created	2022-04-06 08:57:17 MDT by Environmental Department
Updated	2022-04-06 09:10:24 MDT by Environmental Department
Location	37.9752969, -107.7482205
Outfall Field Data	
Sample ID	OF002A
Date	2022-04-06
Time	08:57

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	8.37
Field Water's Temperature (C)	0.9

Flow Information

Staff Gauge Height (feet)	0.19
Flow (CFS)	0.3194
Continuous Monitor download?	Yes

Photos



Notes

Bi-monthly outfall sampling

Sampler's Name

Todd Jesse

Signature

A handwritten signature in black ink, consisting of several overlapping loops and a final horizontal stroke.

Signed 2022-04-06 08:57:58 MDT

2022-04-14, 10:35, OF002A

Created	2022-04-14 10:35:30 MDT by Environmental Department
Updated	2022-04-14 10:57:48 MDT by Environmental Department
Location	,
Outfall Field Data	
Sample ID	OF002A
Date	2022-04-14
Time	10:35

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	7.89
Field Water's Temperature (C)	1.2

Flow Information

Staff Gauge Height (feet)	0.21
Flow (CFS)	0.3453
Continuous Monitor download?	No

Photos





Notes	Sunny. Snow storm 2 days ago.
Sampler's Name	Todd Jesse
Signature	

Signed 2022-04-14 10:52:38 MDT

2022-05-04, 09:09, OF002A

Created	2022-05-04 09:09:23 MDT by Environmental Department
Updated	2022-05-04 14:19:19 MDT by Environmental Department
Location	37.9752684, -107.7481649
Outfall Field Data	
Sample ID	OF002A
Date	2022-05-04
Time	09:09

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	7.99
Field Water's Temperature (C)	4.2

Flow Information

Staff Gauge Height (feet)	0.28
Flow (CFS)	0.6079
Continuous Monitor download?	Yes

Photos



Notes	First bimonthly and second set of wet samples
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Sampler's Name	Todd Jesse
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Signature	
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A handwritten signature in black ink, appearing to read 'Todd Jesse', with a long horizontal line extending to the right.

Signed 2022-05-04 14:19:17 MDT

2022-05-17, 10:51, OF002A

Created	2022-05-17 10:51:32 MDT by Environmental Department
Updated	2022-05-17 11:18:22 MDT by Environmental Department
Location	37.9753259, -107.7481549
Outfall Field Data	
Sample ID	OF002A
Date	2022-05-17
Time	10:51

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	7.88
Field Water's Temperature (C)	-99

Flow Information


Staff Gauge Height (feet)	0.42
Flow (CFS)	1.068
Continuous Monitor download?	No

Photos



Notes	Todd Jesse
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Sampler's Name	Todd Jesse
----------------	------------

Signature	
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Signed 2022-05-17 11:18:21 MDT

2022-05-31, 11:05, OF002A

Created	2022-05-31 11:05:59 MDT by Environmental Department
Updated	2022-05-31 11:21:34 MDT by Environmental Department
Location	37.9753527, -107.7481913
Outfall Field Data	
Sample ID	OF002A
Date	2022-05-31
Time	11:05

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	8.19
Field Water's Temperature (C)	5

Flow Information

Staff Gauge Height (feet)	0.5
Flow (CFS)	1.393

Photos





Notes	Filter collapsed. Needs to be rebuilt. Has partially filled in weir
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Sampler's Name	Todd Jesse
----------------	------------

Signature	
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Todd Jesse

Signed 2022-05-31 11:08:15 MDT

2022-06-01, 15:50, OF002A

Created	2022-08-01 15:50:14 MDT by Environmental Department
Updated	2022-08-01 15:52:08 MDT by Environmental Department
Location	38.0386392, -107.6792921
Outfall Field Data	
Sample ID	OF002A
Date	2022-06-01
Time	15:50

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	-99
Field Water's Temperature (C)	-99

Flow Information

Staff Gauge Height (feet)	-99
Flow (CFS)	-99
Continuous Monitor download?	No

Photos



Notes Record did not save when entered at sample station. This record was created at a later date. Field parameters would match closely with data gathered on May 31

Sampler's Name Todd Jesse

Signature



Signed 2022-08-01 15:52:07 MDT

2022-06-21, 09:44, OF002A

Created	2022-06-21 09:44:02 MDT by Environmental Department
Updated	2022-06-21 09:59:25 MDT by Environmental Department
Location	37.9751762, -107.748018
Outfall Field Data	
Sample ID	OF002A
Date	2022-06-21
Time	09:44

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	8.4
Field Water's Temperature (C)	9.44

Flow Information

Staff Gauge Height (feet)	0.6
Flow (CFS)	1.838
Continuous Monitor download?	No

Photos





Notes	Sand filter in P3 removed prior to sampling. Was clogged and overtipping causing it to slump. Will be replaced when
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Sampler's Name	Todd Jesse
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Signature	
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Signed 2022-06-21 09:56:20 MDT

2022-07-06, 09:54, OF002A

Created	2022-07-06 09:54:45 MDT by Environmental Department
Updated	2022-07-06 10:12:18 MDT by Environmental Department
Location	37.9752732, -107.7480298
Outfall Field Data	
Sample ID	OF002A
Date	2022-07-06
Time	09:54

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	8.02
Field Water's Temperature (C)	8.5

Flow Information

Staff Gauge Height (feet)	0.51
Flow (CFS)	1.435
Continuous Monitor download?	No

Photos



Notes	Didn't download monitor because the battery on the computer
-------	---

Sampler's Name	Todd Jesse
----------------	------------

Signature	
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Signed 2022-07-06 10:04:03 MDT

2022-07-13, 11:02, OF002A

Created	2022-07-13 11:02:15 MDT by Environmental Department
Updated	2022-07-13 11:14:05 MDT by Environmental Department
Location	37.9752238, -107.748295
Outfall Field Data	
Sample ID	OF002A
Date	2022-07-13
Time	11:02

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
Field pH	7.82
Field Water's Temperature (C)	10.5

Flow Information

Staff Gauge Height (feet)	0.49
Flow (CFS)	1.351
Continuous Monitor download?	Yes

Photos



Notes	Continuous monitor downloaded yesterday.
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Sampler's Name	Todd Jesse
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Signature	
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Signed 2022-07-13 11:10:36 MDT

2022-08-09, 09:32, OF002A

Created	2022-08-09 09:32:52 MDT by Environmental Department
Updated	2022-08-11 07:41:58 MDT by Environmental Department
Location	37.97543368771483, -107.74826229559979
Outfall Field Data	
Sample ID	OF002A
Date	2022-08-09
Time	09:32

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	8.04
Field Water's Temperature (C)	10.6

Flow Information

Staff Gauge Height (feet)	0.44
Flow (CFS)	1.15
Continuous Monitor download?	Yes

Photos



Sampler's Name	Poppy Staub
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Signature

A handwritten signature in black ink, consisting of a stylized 'M' followed by a horizontal line.

Signed 2022-08-09 09:41:52 MDT

2022-08-17, 10:24, OF002A

Created	2022-08-17 10:24:37 MDT by Environmental Department
Updated	2022-08-17 10:38:04 MDT by Environmental Department
Location	37.9752618, -107.7482048
Outfall Field Data	
Sample ID	OF002A
Date	2022-08-17
Time	10:24

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	8.08
Field Water's Temperature (C)	9.3

Flow Information

Staff Gauge Height (feet)	0.42
Flow (CFS)	1.068
Continuous Monitor download?	No

Photos



Notes

Cloudy, lots of rain over last couple of weeks

Sampler's Name

Todd Jesse

Signature

Signed 2022-08-17 10:26:14 MDT

2022-09-07, 09:51, OF002A

Created	2022-09-07 09:51:36 MDT by Environmental Department
Updated	2022-09-07 10:15:47 MDT by Environmental Department
Location	37.9753647, -107.7481638
Outfall Field Data	
Sample ID	OF002A
Date	2022-09-07
Time	09:51

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	7.95
Field Water's Temperature (C)	10.1

Flow Information

Staff Gauge Height (feet)	0.48
Flow (CFS)	1.309
Continuous Monitor download?	Yes

Photos



Notes	Quarterly outfall and first set of WET samples. 11 gallons collected for WET.
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of several overlapping, stylized strokes that form an abstract, cursive-like shape.

Signed 2022-09-07 10:05:02 MDT

2022-09-09, 07:37, OF002A

Created	2022-09-09 07:37:35 MDT by Environmental Department
Updated	2022-09-09 07:39:35 MDT by Environmental Department
Location	37.97560941431499, -107.74807160730263
Outfall Field Data	
Sample ID	OF002A
Date	2022-09-09
Time	07:37

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	-99
Field Water's Temperature (C)	-99

Flow Information

Staff Gauge Height (feet)	-99
Flow (CFS)	-99
Continuous Monitor download?	No

Photos



Notes	Day 2 of WET sampling
Sampler's Name	Poppy Staub

Signature

A handwritten signature in black ink, consisting of a stylized 'M' or 'W' shape with a long horizontal stroke extending to the right.

Signed 2022-09-09 07:39:01 MDT

2022-09-12, 09:32, OF002A

Created	2022-09-12 09:32:51 MDT by Environmental Department
Updated	2022-09-12 09:34:06 MDT by Environmental Department
Location	37.9751637, -107.7481948
Outfall Field Data	
Sample ID	OF002A
Date	2022-09-12
Time	09:32

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	-99
Field Water's Temperature (C)	-99

Flow Information

Staff Gauge Height (feet)	-99
Flow (CFS)	-99
Continuous Monitor download?	No

Photos



Notes	Collected 5 gallons for WET test. Third sample collection
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of stylized, overlapping loops and a long horizontal stroke extending to the right.

Signed 2022-09-12 09:34:03 MDT

2022-09-15, 11:37, OF002A

Created	2022-09-15 11:37:26 MDT by Environmental Department
Updated	2022-09-15 11:46:07 MDT by Environmental Department
Location	37.9754466, -107.7480378
Outfall Field Data	
Sample ID	OF002A
Date	2022-09-15
Time	11:37

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

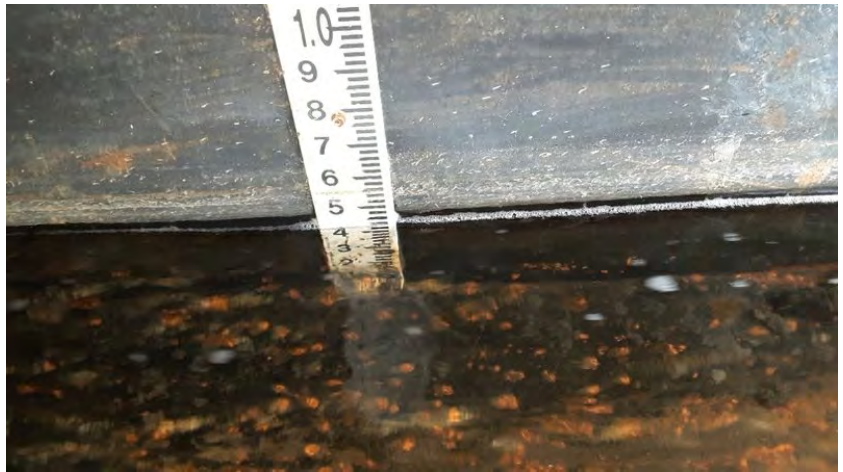
Field Chemistry

equipment calibrated?	No
Field pH	7.93
Field Water's Temperature (C)	6.7

Flow Information

Staff Gauge Height (feet)	0.44
Flow (CFS)	1.147
Continuous Monitor download?	No

Photos



Notes

Second September outfall sample.

Sampler's Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'TJesse', with a stylized, cursive-like script.

Signed 2022-09-15 11:46:01 MDT

2022-10-04, 08:32, OF002A

Created	2022-10-04 08:32:39 MDT by Environmental Department
Updated	2022-10-04 09:40:52 MDT by Environmental Department
Location	37.97534769398923, -107.74810584650359
Outfall Field Data	
Sample ID	OF002A
Date	2022-10-04
Time	08:32

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	7.8
Field Water's Temperature (C)	4.8

Flow Information

Staff Gauge Height (feet)	0.42
Flow (CFS)	0.99
Continuous Monitor download?	No

Photos



Notes	Sunny day. Cold. Outfall in good shape
Sampler's Name	Poppy Staub

Signature

A handwritten signature in black ink, consisting of a stylized 'M' or 'u' shape.

Signed 2022-10-04 08:42:21 MDT

2022-10-18, 11:08, OF002A

Created	2022-10-18 11:08:39 MDT by Environmental Department
Updated	2022-10-18 11:14:35 MDT by Environmental Department
Location	37.9752438, -107.7481545
Outfall Field Data	
Sample ID	OF002A
Date	2022-10-18
Time	11:08

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	7.78
Field Water's Temperature (C)	5.3

Flow Information

Staff Gauge Height (feet)	0.42
Flow (CFS)	1.068
Continuous Monitor download?	Yes

Photos





Notes	Gauge within +/- 10 percent of qta logger for flow.
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Sampler's Name	Todd Jesse
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Signature	
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Signed 2022-10-18 11:14:32 MDT

2022-10-24, 11:10, OF002A

Created	2022-10-24 11:10:21 MDT by Environmental Department
Updated	2022-10-24 14:17:07 MDT by Environmental Department
Location	37.9753505, -107.7480508
Outfall Field Data	
Sample ID	OF002A
Date	2022-10-24
Time	11:10

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	-99
Field Water's Temperature (C)	-99

Flow Information

Staff Gauge Height (feet)	-99
Flow (CFS)	-99
Continuous Monitor download?	No

Photos



Notes	9 gallons collected for WET test. First day of collection.
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of stylized, overlapping loops and a long horizontal stroke extending to the right.

Signed 2022-10-24 14:17:04 MDT

2022-10-26, 11:09, OF002A

Created	2022-10-26 11:09:03 MDT by Environmental Department
Updated	2022-10-26 11:10:23 MDT by Environmental Department
Location	37.9752479, -107.7479983
Outfall Field Data	
Sample ID	OF002A
Date	2022-10-26
Time	11:09

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	-99
Field Water's Temperature (C)	-99

Flow Information

Staff Gauge Height (feet)	-99
Flow (CFS)	-99
Continuous Monitor download?	No

Photos



Notes	2nd round 3rd quarter WET test collection. 8 gallons. No field parameters collected
Sampler's Name	Todd Jesse

Signature

TW

Signed 2022-10-26 11:10:21 MDT

2022-10-28, 10:50, OF002A

Created	2022-10-28 10:50:53 MDT by Environmental Department
Updated	2022-10-28 10:53:38 MDT by Environmental Department
Location	37.9752083, -107.7481144
Outfall Field Data	
Sample ID	OF002A
Date	2022-10-28
Time	10:50

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

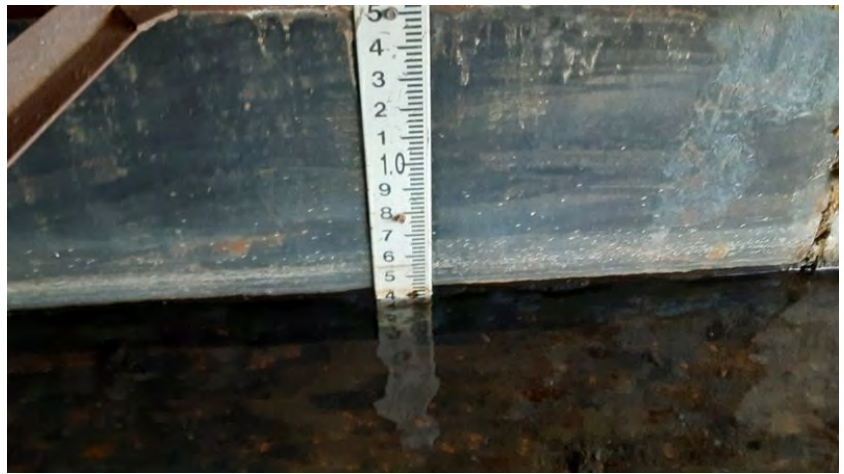
Field Chemistry

equipment calibrated?	No
Field pH	-99
Field Water's Temperature (C)	-99

Flow Information

Staff Gauge Height (feet)	0.4
Flow (CFS)	0.9917
Continuous Monitor download?	No

Photos



Notes

3rd WET test collection. 5 gallons. Field data not collected

Sampler's Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'Todd Jesse', with a stylized, cursive script.

Signed 2022-10-28 10:53:36 MDT

2022-11-07, 10:56, OF002A

Created	2022-11-07 10:56:33 MST by Environmental Department
Updated	2022-11-07 11:28:13 MST by Environmental Department
Location	37.9752772, -107.7482964
Outfall Field Data	
Sample ID	OF002A
Date	2022-11-07
Time	10:56

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	7.86
Field Water's Temperature (C)	1.6

Flow Information

Staff Gauge Height (feet)	0.39
Flow (CFS)	0.9542
Continuous Monitor download?	Yes

Photos







Notes

High winds. Ice starting to form on ponds.

Sampler's Name

Todd Jesse

Signature

Signed 2022-11-07 11:27:22 MST

2022-11-17, 09:58, OF002A

Created	2022-11-17 09:58:13 MST by Environmental Department
Updated	2022-11-17 10:16:24 MST by Environmental Department
Location	37.9754264, -107.7476065
Outfall Field Data	
Sample ID	OF002A
Date	2022-11-17
Time	09:58

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	7.55
Field Water's Temperature (C)	0.1

Flow Information

Staff Gauge Height (feet)	0.34
Flow (CFS)	0.7744
Continuous Monitor download?	Yes

Photos





Notes	2nd bi-monthly outfall sampling
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of several overlapping, stylized loops and lines.

Signed 2022-11-17 10:12:04 MST

2022-12-05, 11:02, OF002A

Created	2022-12-05 11:02:06 MST by Environmental Department
Updated	2022-12-05 11:14:54 MST by Environmental Department
Location	37.9755337, -107.7481537
Outfall Field Data	
Sample ID	OF002A
Date	2022-12-05
Time	11:02

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	No
Field pH	7.5
Field Water's Temperature (C)	0.1

Flow Information

Staff Gauge Height (feet)	0.31
Flow (CFS)	0.6728
Continuous Monitor download?	Yes

Photos





Notes

Ponds iced over. Recent snow storm.

Sampler's Name

Todd Jesse

Signature

Signed 2022-12-05 11:13:15 MST

2022-12-13, 09:58, OF002A

Created	2022-12-13 09:58:24 MST by Environmental Department
Updated	2022-12-13 10:04:46 MST by Environmental Department
Location	37.9754424, -107.7478868
Outfall Field Data	
Sample ID	OF002A
Date	2022-12-13
Time	09:58

Observations

Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

equipment calibrated?	Yes
pH analysis time	09:58
Field pH	7.67
Field Water's Temperature (C)	-0.7

Flow Information

Staff Gauge Height (feet)	0.3
Flow (CFS)	0.641
Continuous Monitor download?	Yes

Photos



Notes	Quarterly sampling. Ice on staff gauge needed to be removed.
Sampler's Name	Todd Jesse
Signature	

TJ

Signed 2022-12-13 10:02:51 MST

2022-05-26, 13:50, SW-0

Created	2022-05-26 13:50:36 MDT by Environmental Department
Updated	2022-05-26 13:52:38 MDT by Environmental Department
Location	37.9814852, -107.7612846
Surface Water Field Data	
Sample ID	SW-0
Date	2022-05-26
Time	13:50

Observations

Weather Conditions	Sunny. Precipitation 3 days ago
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	13:50
Was a calibration check performed?	Yes
Field pH	6.57
Field Water's Temperature (C)	25
Field ORP (mV)	109.3
Field DO (%)	59.4
Field DO mg/L	5.16
Field Conductivity (uS/cm)	19.4

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	-99
Width at Water's Edge (feet)	0
Flow (CFS)	-99

Photos



Notes	Blank. No flow data
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, appearing to be 'T.M. R.', written in a cursive style.

Signed 2022-05-26 13:52:14 MDT

2022-05-26, 09:43, SW-1

Created	2022-05-26 09:43:20 MDT by Environmental Department
Updated	2022-05-26 11:14:54 MDT by Environmental Department
Location	37.9750529, -107.7531817
Surface Water Field Data	
Sample ID	SW-1
Date	2022-05-26
Time	09:43

Observations

Weather Conditions	Sunny precipitation 3 days ago
Color and Clarity	Slight Turbidity
Oil and Grease observation	Absent

Field Chemistry

Sample Time	09:43
Was a calibration check performed?	Yes
Field pH	7.52
Field Water's Temperature (C)	3
Field ORP (mV)	202.3
Field DO (%)	69.5
Field DO mg/L	9.36
Field Conductivity (uS/cm)	127

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	1
Width at Water's Edge (feet)	5
Flow (CFS)	4.6139

Photos



Notes

Startdard qc error on flow.

Sampler's Name

Todd Jesse

Signature

Handwritten signature of Todd Jesse.

Signed 2022-05-26 09:45:30 MDT

2022-05-26, 12:47, SW-2

Created	2022-05-26 12:47:19 MDT by Environmental Department
Updated	2022-05-26 12:50:18 MDT by Environmental Department
Location	37.9790772, -107.7602184
Surface Water Field Data	
Sample ID	SW-2
Date	2022-05-26
Time	12:47

Observations

Weather Conditions	Sunny precipitation 3 days ago
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	12:47
Was a calibration check performed?	Yes
Field pH	7.68
Field Water's Temperature (C)	7
Field ORP (mV)	89.4
Field DO (%)	69.8
Field DO mg/L	8.48
Field Conductivity (uS/cm)	110

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	14
Flow (CFS)	20.54

Photos



Notes	Standard warning on flow
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Sampler's Name	Todd Jesse
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Signature	
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Handwritten signature of Todd Jesse.

Signed 2022-05-26 12:50:16 MDT

2022-05-26, 10:27, SW-3

Created	2022-05-26 10:27:10 MDT by Environmental Department
Updated	2022-05-26 10:38:01 MDT by Environmental Department
Location	37.9751681, -107.7503119
Surface Water Field Data	
Sample ID	SW-3
Date	2022-05-26
Time	10:27

Observations

Weather Conditions	Sunny. Precipitation 3 days ago
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	10:27
Was a calibration check performed?	Yes
Field pH	7.2
Field Water's Temperature (C)	3.7
Field ORP (mV)	203.5
Field DO (%)	60.8
Field DO mg/L	8.04
Field Conductivity (uS/cm)	290.4

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	14
Flow (CFS)	1.115

Photos



Sampler's Name

Todd Jesse

Signature

Signed 2022-05-26 10:30:47 MDT

2022-05-26, 09:02, SW-4

Created	2022-05-26 09:02:51 MDT by Environmental Department
Updated	2022-05-26 09:43:17 MDT by Environmental Department
Location	37.9752074, -107.7462083
Surface Water Field Data	
Sample ID	SW-4
Date	2022-05-26
Time	09:02

Observations

Weather Conditions	Sunny. Precipitation 3 days ago
Color and Clarity	Clear
Oil and Grease observation	Absent

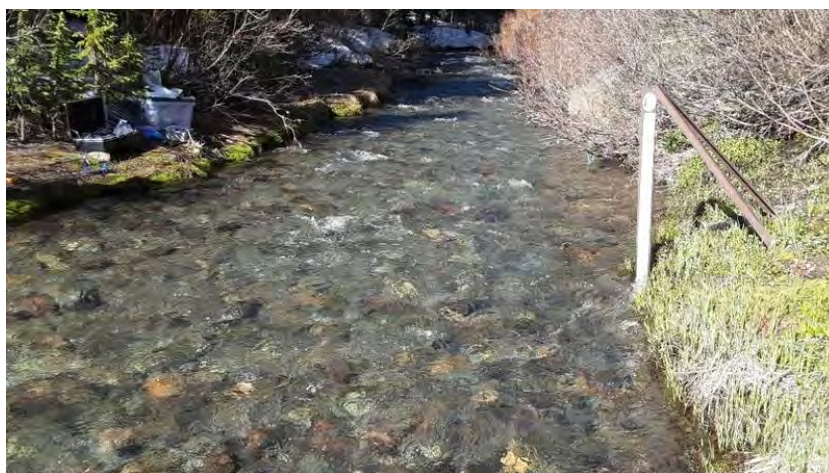
Field Chemistry

Sample Time	09:02
Was a calibration check performed?	Yes
Field pH	7.58
Field Water's Temperature (C)	2.6
Field ORP (mV)	198.9
Field DO (%)	70
Field DO mg/L	9.52
Field Conductivity (uS/cm)	140.9

Flow Information

Staff Gauge Height (feet)	0.85
Interval Spacing (feet)	2
Width at Water's Edge (feet)	14
Flow (CFS)	27.682

Photos



Notes

Velocity angle qc error on flow

Sampler's Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read "Todd Jesse".

Signed 2022-05-26 09:06:12 MDT

2022-05-26, 11:54, SW-15

Created	2022-05-26 11:54:33 MDT by Environmental Department
Updated	2022-05-26 11:59:13 MDT by Environmental Department
Location	37.976104, -107.7553453
Surface Water Field Data	
Sample ID	SW-15
Date	2022-05-26
Time	11:54

Observations

Weather Conditions	Sunny precipitation 3 day ago
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	11:54
Was a calibration check performed?	Yes
Field pH	7.54
Field Water's Temperature (C)	6.5
Field ORP (mV)	159
Field DO (%)	70
Field DO mg/L	8.61
Field Conductivity (uS/cm)	113.6

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	15
Flow (CFS)	19.7045

Photos



Sampler's Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read "Todd Jesse". The signature is stylized with a large "T" and a long horizontal line extending to the right.

Signed 2022-05-26 11:59:09 MDT

2022-05-26, 11:14, SW-16

Created	2022-05-26 11:14:57 MDT by Environmental Department
Updated	2022-05-26 11:18:07 MDT by Environmental Department
Location	37.975254, -107.752916
Surface Water Field Data	
Sample ID	SW-16
Date	2022-05-26
Time	11:14

Observations

Weather Conditions	Sunny precipitation 3 days ago
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	11:14
Was a calibration check performed?	Yes
Field pH	7.37
Field Water's Temperature (C)	5.6
Field ORP (mV)	197.3
Field DO (%)	70
Field DO mg/L	8.81
Field Conductivity (uS/cm)	120.6

Flow Information

Staff Gauge Height (feet)	2.5
Interval Spacing (feet)	2
Width at Water's Edge (feet)	13
Flow (CFS)	24.6664

Photos



Notes	Downstream of sw1. Should have flushed by now. stanford qc error on flow
Sampler's Name	Todd Jesse
Signature	

Handwritten signature of Todd Jesse

Signed 2022-05-26 11:17:41 MDT

2022-05-26, 13:25, SW-17

Created	2022-05-26 13:25:54 MDT by Environmental Department
Updated	2022-05-26 13:28:07 MDT by Environmental Department
Location	37.981579, -107.7614251
Surface Water Field Data	
Sample ID	SW-17
Date	2022-05-26
Time	13:25

Observations

Weather Conditions	Sunny precipitation 3 days ago
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	13:25
Was a calibration check performed?	Yes
Field pH	7.62
Field Water's Temperature (C)	7.5
Field ORP (mV)	116.2
Field DO (%)	70.8
Field DO mg/L	8.47
Field Conductivity (uS/cm)	100

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	14
Flow (CFS)	16.8465

Photos



Notes	Standard error >qc on flow.
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, appearing to be 'T. H. K.', written in a cursive style.

Signed 2022-05-26 13:28:04 MDT

2022-05-26, 08:10, SW-21

Created	2022-05-26 08:10:28 MDT by Environmental Department
Updated	2022-05-26 08:21:44 MDT by Environmental Department
Location	37.9718243, -107.7284458
Surface Water Field Data	
Sample ID	SW-21
Date	2022-05-26
Time	08:10

Observations

Weather Conditions	Sunny. Precipitation 3 days ago
Color and Clarity	Slight Turbidity
Oil and Grease observation	Absent

Field Chemistry

Sample Time	08:10
Was a calibration check performed?	Yes
Field pH	7.66
Field Water's Temperature (C)	2.2
Field ORP (mV)	205.5
Field DO (%)	75
Field DO mg/L	10.34
Field Conductivity (uS/cm)	133.4

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	20
Flow (CFS)	33.9116

Photos



Notes

Flow is estimated. There were velocity angle qc warning.

Sampler's Name

Todd Jesse

Signature

Handwritten signature of Todd Jesse.

Signed 2022-05-26 08:13:25 MDT

2022-05-26, 11:55, SW-99

Created	2022-05-26 11:55:40 MDT by Environmental Department
Updated	2022-05-26 11:58:17 MDT by Environmental Department
Location	37.9761678, -107.7555799
Surface Water Field Data	
Sample ID	SW-99
Date	2022-05-26
Time	11:55

Observations

Weather Conditions	Sunny precipitation 3 days ago
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	11:55
Was a calibration check performed?	Yes
Field pH	7.54
Field Water's Temperature (C)	6.5
Field ORP (mV)	157.1
Field DO (%)	70.2
Field DO mg/L	8.62
Field Conductivity (uS/cm)	113.6

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	15
Flow (CFS)	119.7405

Photos



Notes

Standard qc error on flow. Duplicate for sw 15

Sampler's Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to be 'Todd Jesse'.

Signed 2022-05-26 11:57:56 MDT

2022-06-29, 12:48, SW-0

Created	2022-06-29 12:48:09 MDT by Environmental Department
Updated	2022-10-10 15:50:10 MDT by Environmental Department
Location	37.9751337, -107.7505656
Surface Water Field Data	
Sample ID	SW-0
Date	2022-06-29
Time	12:48

Observations

Weather Conditions	Partly cloudy
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	12:48
Was a calibration check performed?	Yes
Field pH	5.71
Field Water's Temperature (C)	19.9
Field ORP (mV)	228.7
Field DO (%)	76.2
Field DO mg/L	6.95
Field Conductivity (uS/cm)	229.7

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	-99
Width at Water's Edge (feet)	0
Flow (CFS)	-99

Photos



Notes	Blank at mime site. Used DI water. No flow data.
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, appearing to be 'TMR' with a stylized flourish extending to the right.

Signed 2022-06-29 12:49:34 MDT

2022-06-29, 11:56, SW-1

Created	2022-06-29 11:56:49 MDT by Environmental Department
Updated	2022-06-29 11:58:56 MDT by Environmental Department
Location	37.9750382, -107.7532027
Surface Water Field Data	
Sample ID	SW-1
Date	2022-06-29
Time	11:56

Observations

Weather Conditions	Partly cloudy
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	11:56
Was a calibration check performed?	Yes
Field pH	7.55
Field Water's Temperature (C)	5.6
Field ORP (mV)	183.2
Field DO (%)	10.8
Field DO mg/L	8.9
Field Conductivity (uS/cm)	136.4

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	1
Width at Water's Edge (feet)	5
Flow (CFS)	1.794

Photos



Notes	Standard error > qc on flow tracker
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of several overlapping, fluid strokes that form an abstract, cursive shape.

Signed 2022-06-29 11:58:55 MDT

2022-06-29, 10:25, SW-2

Created	2022-06-29 10:25:52 MDT by Environmental Department
Updated	2022-06-29 10:28:21 MDT by Environmental Department
Location	37.9789655, -107.7597387
Surface Water Field Data	
Sample ID	SW-2
Date	2022-06-29
Time	10:25

Observations

Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	10:25
Was a calibration check performed?	Yes
Field pH	7.35
Field Water's Temperature (C)	7.3
Field ORP (mV)	224
Field DO (%)	68.5
Field DO mg/L	8.25
Field Conductivity (uS/cm)	126.6

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	13
Flow (CFS)	8.1233

Photos



Notes	Standard error > qc on flowtracker.
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, appearing to be 'T. J. R.', written in a cursive style.

Signed 2022-06-29 10:28:02 MDT

2022-06-29, 12:24, SW-3

Created	2022-06-29 12:24:25 MDT by Environmental Department
Updated	2022-06-29 12:29:35 MDT by Environmental Department
Location	37.9750129, -107.7506182
Surface Water Field Data	
Sample ID	SW-3
Date	2022-06-29
Time	12:24

Observations

Weather Conditions	Party cloudy
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	12:24
Was a calibration check performed?	Yes
Field pH	6.96
Field Water's Temperature (C)	3.2
Field ORP (mV)	192.1
Field DO (%)	66.8
Field DO mg/L	8.94
Field Conductivity (uS/cm)	259.4

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	0.5
Width at Water's Edge (feet)	1
Flow (CFS)	0.1732

Photos



Notes	Standard error > qc on flow tracker. Flow measured at culvert downstream
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of stylized, overlapping letters that appear to be 'T', 'M', and 'L'.

Signed 2022-06-29 12:26:07 MDT

2022-06-29, 08:20, SW-4

Created	2022-06-29 08:20:56 MDT by Environmental Department
Updated	2022-06-29 08:23:44 MDT by Environmental Department
Location	37.9750289, -107.7462275
Surface Water Field Data	
Sample ID	SW-4
Date	2022-06-29
Time	08:20

Observations

Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	08:20
Was a calibration check performed?	Yes
Field pH	7.44
Field Water's Temperature (C)	4.7
Field ORP (mV)	134
Field DO (%)	70.3
Field DO mg/L	9.04
Field Conductivity (uS/cm)	145.4

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	15
Flow (CFS)	10.545

Photos



Notes	Standard error > qc on flow tracker. Had error on flowtracjer and had to redo flow measurement.
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of stylized, overlapping loops and a long horizontal stroke extending to the right.

Signed 2022-06-29 08:23:40 MDT

2022-06-29, 09:44, SW-15

Created	2022-06-29 09:44:56 MDT by Environmental Department
Updated	2022-06-29 09:48:17 MDT by Environmental Department
Location	37.9761299, -107.7555505
Surface Water Field Data	
Sample ID	SW-15
Date	2022-06-29
Time	09:44

Observations

Weather Conditions	Sunny.
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	09:44
Was a calibration check performed?	Yes
Field pH	7.36
Field Water's Temperature (C)	6.2
Field ORP (mV)	155.3
Field DO (%)	69.8
Field DO mg/L	8.63
Field Conductivity (uS/cm)	127.1

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	15
Flow (CFS)	8.54

Photos



Notes	Standard error > qc on flow tracker. Calculated flow using measured velocity and stram profile. Calculations of flow tracker not giving accurate numbers
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

Signed 2022-06-29 09:47:56 MDT

2022-06-29, 09:06, SW-16

Created	2022-06-29 09:06:57 MDT by Environmental Department
Updated	2022-06-29 09:09:08 MDT by Environmental Department
Location	37.9752004, -107.7529754
Surface Water Field Data	
Sample ID	SW-16
Date	2022-06-29
Time	09:06

Observations

Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	09:06
Was a calibration check performed?	Yes
Field pH	7.32
Field Water's Temperature (C)	5.2
Field ORP (mV)	143.8
Field DO (%)	69
Field DO mg/L	8.76
Field Conductivity (uS/cm)	129.9

Flow Information

Staff Gauge Height (feet)	0.3
Interval Spacing (feet)	1.5
Width at Water's Edge (feet)	12
Flow (CFS)	12.182

Photos



Notes	Standard error > qc on flow tracker
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of stylized, overlapping loops and a long horizontal stroke at the end.

Signed 2022-06-29 09:09:05 MDT

2022-06-29, 10:59, SW-17

Created	2022-06-29 10:59:47 MDT by Environmental Department
Updated	2022-06-29 11:02:11 MDT by Environmental Department
Location	37.9814663, -107.7611893
Surface Water Field Data	
Sample ID	SW-17
Date	2022-06-29
Time	10:59

Observations

Weather Conditions	Party cloudy
Color and Clarity	Slight Turbidity
Oil and Grease observation	Absent

Field Chemistry

Sample Time	10:59
Was a calibration check performed?	Yes
Field pH	7.45
Field Water's Temperature (C)	8
Field ORP (mV)	184.7
Field DO (%)	69.7
Field DO mg/L	8.26
Field Conductivity (uS/cm)	114.5

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	10
Flow (CFS)	5.105

Photos



Notes	Standarderror > qc on flow measurement
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, appearing to be 'T. M. R.', written in a cursive style.

Signed 2022-06-29 11:02:09 MDT

2022-06-29, 12:26, SW-99

Created	2022-06-29 12:26:52 MDT by Environmental Department
Updated	2022-06-29 12:29:12 MDT by Environmental Department
Location	37.9752164, -107.7506273
Surface Water Field Data	
Sample ID	SW-99
Date	2022-06-29
Time	12:26

Observations

Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	12:26
Was a calibration check performed?	Yes
Field pH	6.96
Field Water's Temperature (C)	3.2
Field ORP (mV)	192.4
Field DO (%)	66.9
Field DO mg/L	8.94
Field Conductivity (uS/cm)	192.5

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	0.5
Width at Water's Edge (feet)	1
Flow (CFS)	0.1732

Photos



Notes	Duplicate for sw3. Standard error > qc on flowtracker. Flow measured and culvert downstream.
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of a vertical line on the left, followed by a series of loops and a long horizontal stroke extending to the right.

Signed 2022-06-29 12:28:31 MDT

2022-10-06, 12:35, SW-0

Created	2022-10-06 12:35:00 MDT by Environmental Department
Updated	2022-10-06 12:49:34 MDT by Environmental Department
Location	37.975193378550905, -107.75060872557363
Surface Water Field Data	
Sample ID	SW-0
Date	2022-10-06
Time	12:35

Observations

Weather Conditions	Partly cloudy
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	12:35
Was a calibration check performed?	Yes
Field pH	6.37
Field Water's Temperature (C)	16.2
Field ORP (mV)	155.6
Field DO (%)	74
Field DO mg/L	7.27
Field Conductivity (uS/cm)	5.5

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	-99
Width at Water's Edge (feet)	0
Flow (CFS)	-99

Photos



Sampler's Name

Poppy Staub

Signature

A handwritten signature in black ink, appearing to be 'PS' or similar, written in a cursive style.

Signed 2022-10-06 12:48:29 MDT

2022-10-06, 11:51, SW-1

Created	2022-10-06 11:51:16 MDT by Environmental Department
Updated	2022-10-06 12:05:59 MDT by Environmental Department
Location	37.974811959667804, -107.7526900640765
Surface Water Field Data	
Sample ID	SW-1
Date	2022-10-06
Time	11:51

Observations

Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	11:51
Was a calibration check performed?	Yes
Field pH	7.75
Field Water's Temperature (C)	4.6
Field ORP (mV)	159.7
Field DO (%)	70.3
Field DO mg/L	9.06
Field Conductivity (uS/cm)	234.2

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	1
Width at Water's Edge (feet)	4
Flow (CFS)	0.023
Photos	





Notes	Flow in cubic meters per sec
Sampler's Name	Poppy Staub
Signature	

Poppy Staub

Signed 2022-10-06 12:05:43 MDT

2022-10-06, 10:20, SW-2

Created	2022-10-06 10:20:33 MDT by Environmental Department
Updated	2022-10-06 10:37:41 MDT by Environmental Department
Location	37.97911866571566, -107.7601051704099
Surface Water Field Data	
Sample ID	SW-2
Date	2022-10-06
Time	10:20

Observations

Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	10:20
Was a calibration check performed?	Yes
Field pH	7.72
Field Water's Temperature (C)	4.4
Field ORP (mV)	155.6
Field DO (%)	68.5
Field DO mg/L	8.89
Field Conductivity (uS/cm)	160.4

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	12
Flow (CFS)	0.2922
Photos	



Sampler's Name

Poppy Staub

Signature

A handwritten signature in black ink, consisting of a series of connected, wavy lines that form a stylized, cursive 'M' or similar shape.

Signed 2022-10-06 10:37:39 MDT

2022-10-06, 12:17, SW-3

Created	2022-10-06 12:17:31 MDT by Environmental Department
Updated	2022-10-06 12:32:51 MDT by Environmental Department
Location	37.97531370077093, -107.750760354202
Surface Water Field Data	
Sample ID	SW-3
Date	2022-10-06
Time	12:17

Observations

Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	12:17
Was a calibration check performed?	Yes
Field pH	7.35
Field Water's Temperature (C)	5.7
Field ORP (mV)	155.3
Field DO (%)	73.8
Field DO mg/L	9.24
Field Conductivity (uS/cm)	338.2

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	1
Width at Water's Edge (feet)	1
Flow (CFS)	0.0066
Photos	



Notes	Flow in cubic meters per sec
Sampler's Name	Poppy Staub

Signature

A handwritten signature in black ink, consisting of a stylized 'A' followed by a cursive 'M'.

Signed 2022-10-06 12:32:46 MDT

2022-10-06, 08:25, SW-4

Created	2022-10-06 08:25:42 MDT by Environmental Department
Updated	2022-10-06 09:04:16 MDT by Environmental Department
Location	37.97517317816426, -107.74607688198587
Surface Water Field Data	
Sample ID	SW-4
Date	2022-10-06
Time	08:25

Observations

Weather Conditions	Sunny and cold
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	08:25
Was a calibration check performed?	Yes
Field pH	7.42
Field Water's Temperature (C)	3
Field ORP (mV)	219.1
Field DO (%)	69.1
Field DO mg/L	9.3
Field Conductivity (uS/cm)	193.1

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	15
Flow (CFS)	3.5
Photos	



Notes

Flow in Cms

Sampler's Name

Poppy Staub

Signature

A handwritten signature in black ink, consisting of a series of connected, flowing strokes that form a stylized, somewhat abstract shape.

Signed 2022-10-06 08:44:52 MDT

2022-10-06, 09:40, SW-15

Created	2022-10-06 09:40:04 MDT by Environmental Department
Updated	2022-10-06 10:21:49 MDT by Environmental Department
Location	37.976148161141175, -107.75565898987256
Surface Water Field Data	
Sample ID	SW-15
Date	2022-10-06
Time	09:40

Observations

Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	09:40
Was a calibration check performed?	Yes
Field pH	7.61
Field Water's Temperature (C)	3.5
Field ORP (mV)	158.2
Field DO (%)	69.7
Field DO mg/L	9.25
Field Conductivity (uS/cm)	162.8

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	1.5
Width at Water's Edge (feet)	6
Flow (CFS)	0.2144
Photos	





Notes	Collected dupe SW99 at this location
Sampler's Name	Poppy Staub
Signature	

Poppy Staub

Signed 2022-10-06 09:53:48 MDT

2022-10-06, 09:04, SW-16

Created	2022-10-06 09:04:30 MDT by Environmental Department
Updated	2022-10-06 09:23:54 MDT by Environmental Department
Location	37.97526848040351, -107.75292472923897
Surface Water Field Data	
Sample ID	SW-16
Date	2022-10-06
Time	09:04

Observations

Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	09:04
Was a calibration check performed?	Yes
Field pH	7.48
Field Water's Temperature (C)	3.3
Field ORP (mV)	160
Field DO (%)	68.7
Field DO mg/L	9.16
Field Conductivity (uS/cm)	164.8

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	2
Width at Water's Edge (feet)	10
Flow (CFS)	0.325
Photos	



Notes

Flow in Cms

Sampler's Name

Poppy Staub

Signature

A handwritten signature in black ink, consisting of a stylized 'Z' followed by a 'u' and a vertical line.

Signed 2022-10-06 09:23:53 MDT

2022-10-06, 10:53, SW-17

Created	2022-10-06 10:53:28 MDT by Environmental Department
Updated	2022-10-06 11:09:46 MDT by Environmental Department
Location	37.98158503259053, -107.76126910955172
Surface Water Field Data	
Sample ID	SW-17
Date	2022-10-06
Time	10:53

Observations

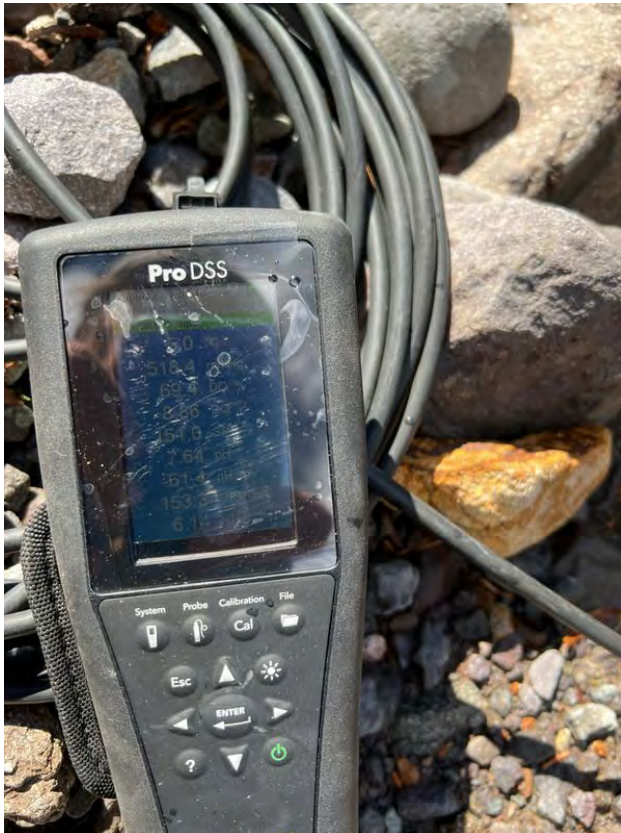
Weather Conditions	Sunny
Color and Clarity	Slight Turbidity
Oil and Grease observation	Absent

Field Chemistry

Sample Time	10:53
Was a calibration check performed?	Yes
Field pH	7.62
Field Water's Temperature (C)	5
Field ORP (mV)	154.3
Field DO (%)	69.4
Field DO mg/L	8.86
Field Conductivity (uS/cm)	151

Flow Information

Staff Gauge Height (feet)	-99
Interval Spacing (feet)	1.5
Width at Water's Edge (feet)	7
Flow (CFS)	0.1392
Photos	





Notes	Flow measured in Meters/sec
Sampler's Name	Poppy Staub
Signature	



Signed 2022-10-06 11:09:33 MDT

2022-03-23, 11:11, UG-2

Created	2022-03-23 11:11:59 MDT by Environmental Department
Updated	2023-02-02 09:27:04 MST by Environmental Department
Location	38.0386394, -107.6792832
Surface Water Field Data	
Sample ID	UG-2
Date	2022-03-23
Time	11:11

Observations

Outdoor Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	11:11
QuickCal?	Yes
Field pH	8.05
Field Water's Temperature (C)	4.9

Flow Information

Channel Height (feet)	0.3
Interval Spacing (feet)	1
Width at Water's Edge (feet)	2.9
Flow (CFS)	0.398

Photos



Notes	Conductivity 415.8
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of stylized, overlapping loops and lines.

Signed 2022-08-01 12:30:35 MDT

2022-03-23, 10:31, UG-5

Created	2022-03-23 10:31:24 MDT by Environmental Department
Updated	2022-08-01 12:29:37 MDT by Environmental Department
Location	38.0386377, -107.6792844
Surface Water Field Data	
Sample ID	UG-5
Date	2022-03-23
Time	10:31

Observations

Outdoor Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	10:31
QuickCal?	Yes
Field pH	8.13
Field Water's Temperature (C)	4.5

Flow Information

Channel Height (feet)	0.31
Interval Spacing (feet)	10
Width at Water's Edge (feet)	1.7
Flow (CFS)	0.511

Photos



Notes	Conductivity 239 us/cm
Sampler's Name	Todd Jesse

Signature

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the end.

Signed 2022-08-01 12:29:29 MDT

2022-03-23, 11:47, UG-8

Created	2022-03-23 11:47:29 MDT by Environmental Department
Updated	2022-08-01 12:31:22 MDT by Environmental Department
Location	38.0388053, -107.6794052
Surface Water Field Data	
Sample ID	UG-8
Date	2022-03-23
Time	11:47

Observations

Outdoor Weather Conditions	Sunny
Color and Clarity	Clear
Oil and Grease observation	Absent

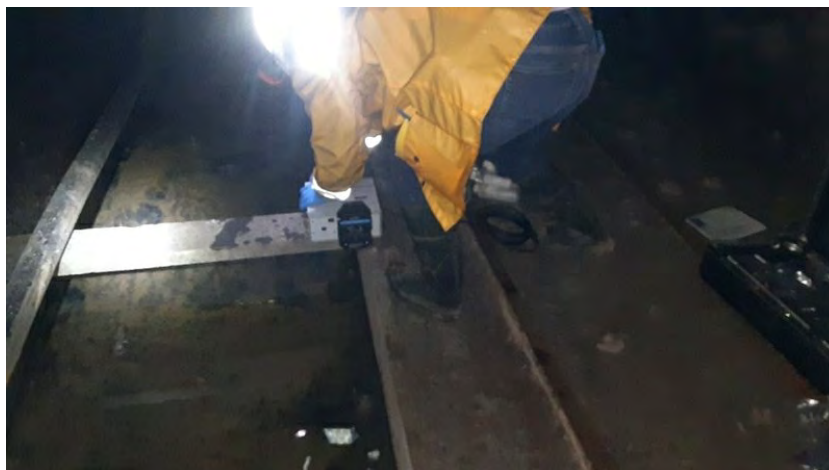
Field Chemistry

Sample Time	11:47
QuickCal?	Yes
Field pH	7.88
Field Water's Temperature (C)	7.7

Flow Information

Channel Height (feet)	0.143
Interval Spacing (feet)	1
Width at Water's Edge (feet)	3.45
Flow (CFS)	0.208

Photos



Notes	502 us/cm
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Sampler's Name	Todd Jesse
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Signature	
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Signed 2022-08-01 12:31:18 MDT

2022-06-23, 09:50, UG-2

Created	2022-06-23 09:50:49 MDT by Environmental Department
Updated	2022-08-01 14:58:09 MDT by Environmental Department
Location	38.0386382, -107.6792888
Surface Water Field Data	
Sample ID	UG-2
Date	2022-06-23
Time	09:50

Observations

Outdoor Weather Conditions	Precipitation last night. Partly sunny when we went under
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	09:50
QuickCal?	Yes
Field pH	7.76
Field Water's Temperature (C)	6.6

Flow Information

Channel Height (feet)	0.45
Interval Spacing (feet)	10
Width at Water's Edge (feet)	3.3
Flow (CFS)	1.64

Photos



Notes

Calculated flow rate seems high. Not good data

Sampler's Name

Todd Jesse

Signature

Signed 2022-06-23 09:52:07 MDT

2022-06-23, 09:29, UG-5

Created	2022-06-23 09:29:25 MDT by Environmental Department
Updated	2022-08-01 14:57:33 MDT by Environmental Department
Location	38.0386395, -107.6792824
Surface Water Field Data	
Sample ID	UG-5
Date	2022-06-23
Time	09:29

Observations

Outdoor Weather Conditions	Recent precipitation. Partly cloudy when we went underground.
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	09:29
QuickCal?	Yes
Field pH	7.5
Field Water's Temperature (C)	6.66

Flow Information

Channel Height (feet)	0.5875
Interval Spacing (feet)	1
Width at Water's Edge (feet)	0.8
Flow (CFS)	0.884

Photos



Notes

Entered temp on pH probe.

Sampler's Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read "Todd Jesse". The signature is stylized with a large "T" and a long horizontal stroke at the end.

Signed 2022-06-23 09:33:53 MDT

2022-06-23, 10:18, UG-8

Created	2022-06-23 10:18:08 MDT by Environmental Department
Updated	2022-08-01 14:58:29 MDT by Environmental Department
Location	38.0386377, -107.6792853
Surface Water Field Data	
Sample ID	UG-8
Date	2022-06-23
Time	10:18

Observations

Outdoor Weather Conditions	Precipitation last night. Partly sunny when we went underground.
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

Sample Time	10:18
QuickCal?	Yes
Field pH	7.63
Field Water's Temperature (C)	8.9

Flow Information

Channel Height (feet)	0.2
Interval Spacing (feet)	1
Width at Water's Edge (feet)	3.45
Flow (CFS)	0.5104

Photos



Sampler's Name	Todd Jesse
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Signature

A handwritten signature in black ink, consisting of stylized, overlapping letters that appear to be 'T', 'M', and 'A'.

Signed 2022-06-23 10:25:52 MDT

2022-09-15, 10:08, UG-2

Created	2022-09-15 10:08:49 MDT by Environmental Department
Updated	2023-02-01 14:59:59 MST by Environmental Department
Location	37.9739114, -107.7507268
Surface Water Field Data	
Sample ID	UG-2
Date	2022-09-15
Time	10:08

Observations

Outdoor Weather Conditions	Partly sunny. Recent rain.
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

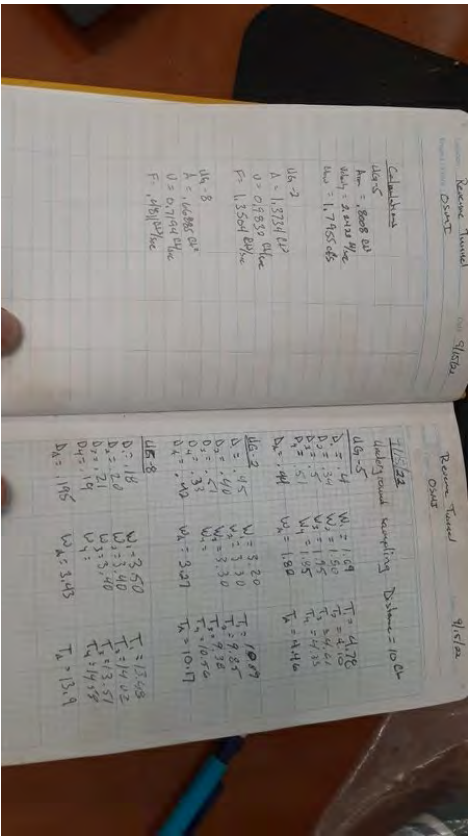
Sample Time	10:08
QuickCal?	No
Field pH	7.34
Field Water's Temperature (C)	6.3

Flow Information

Channel Height (feet)	0.42
Interval Spacing (feet)	3.27
Width at Water's Edge (feet)	3.27
Flow (CFS)	1.3504

Photos





Notes	Flow calculated using area of channel and velocity of water
Sampler's Name	Todd Jesse
Signature	

Signed 2023-02-01 14:57:08 MST

2022-09-15, 09:13, UG-5

Created	2022-09-15 09:13:23 MDT by Environmental Department
Updated	2023-02-01 15:00:17 MST by Environmental Department
Location	37.9740197, -107.7506043
Surface Water Field Data	
Sample ID	UG-5
Date	2022-09-15
Time	09:13

Observations

Outdoor Weather Conditions	Partly cloudy recent rain.
Color and Clarity	Clear
Oil and Grease observation	Absent

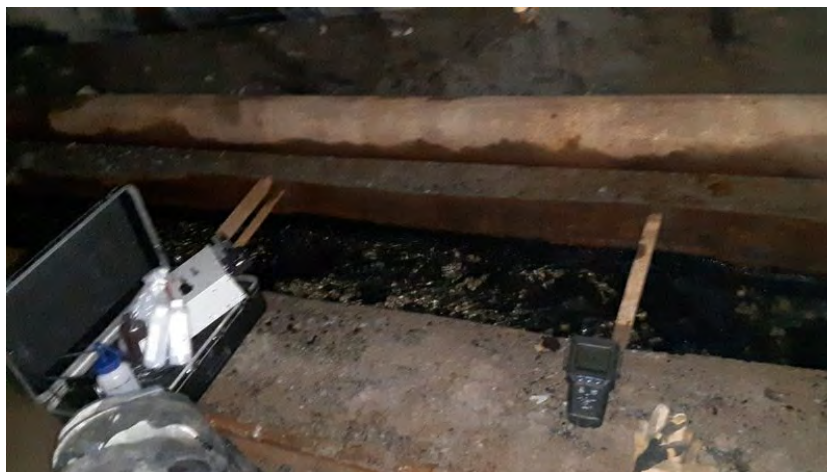
Field Chemistry

Sample Time	09:13
QuickCal?	No
Field pH	7.68
Field Water's Temperature (C)	6.3

Flow Information

Channel Height (feet)	0.44
Interval Spacing (feet)	3.27
Width at Water's Edge (feet)	3.27
Flow (CFS)	1.7955

Photos





<p>OSMT</p> <p>9/15/22</p> <p>Reverse Tunnel</p> <p>OSMT</p>		<p>9/15/22</p> <p>Reverse Tunnel</p> <p>OSMT</p>	
<p><u>Calculations</u></p> <p>Area = 8.008 sq ft</p> <p>Velocity = 2.0422 ft/sec</p> <p>Flow = 16.455 cfs</p>		<p>11/1/22</p> <p>Velocity sound sampling Distance = 10.0 ft</p>	
<p><u>UG-5</u></p> <p>D₁ = .34</p> <p>D₂ = .34</p> <p>D₃ = .34</p> <p>D₄ = .34</p>		<p><u>UG-5</u></p> <p>W₁ = 1.69</p> <p>W₂ = 1.50</p> <p>W₃ = 1.75</p> <p>W₄ = 1.95</p>	
<p><u>UG-2</u></p> <p>A = 1.8734 sq ft</p> <p>V = 0.9832 ft/sec</p> <p>F = 1.8504 cfs</p>		<p><u>UG-2</u></p> <p>W₁ = 3.20</p> <p>W₂ = 3.30</p> <p>W₃ = 3.30</p> <p>W₄ = 3.27</p>	
<p><u>UG-8</u></p> <p>A = 1.6686 sq ft</p> <p>V = 0.7144 ft/sec</p> <p>F = 1.194 cfs</p>		<p><u>UG-8</u></p> <p>W₁ = 3.50</p> <p>W₂ = 3.40</p> <p>W₃ = 3.40</p> <p>W₄ = 3.43</p>	
		<p>T₁ = 4.78</p> <p>T₂ = 4.10</p> <p>T₃ = 4.61</p> <p>T₄ = 4.33</p>	
		<p>T₁ = 10.09</p> <p>T₂ = 9.85</p> <p>T₃ = 9.76</p> <p>T₄ = 10.56</p>	
		<p>T₁ = 13.68</p> <p>T₂ = 14.02</p> <p>T₃ = 13.51</p> <p>T₄ = 14.19</p>	
		<p>T₁ = 13.9</p>	

Notes

Flow calculated using velocity and area of channel.

Sampler's Name

Todd Jesse

Signature

TJ

Signed 2023-02-01 14:55:12 MST

2022-09-15, 10:41, UG-8

Created	2022-09-15 10:41:05 MDT by Environmental Department
Updated	2023-02-01 14:59:20 MST by Environmental Department
Location	37.9739074, -107.7507332
Surface Water Field Data	
Sample ID	UG-8
Date	2022-09-15
Time	10:41

Observations

Outdoor Weather Conditions	Partly sunny recent rain.
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

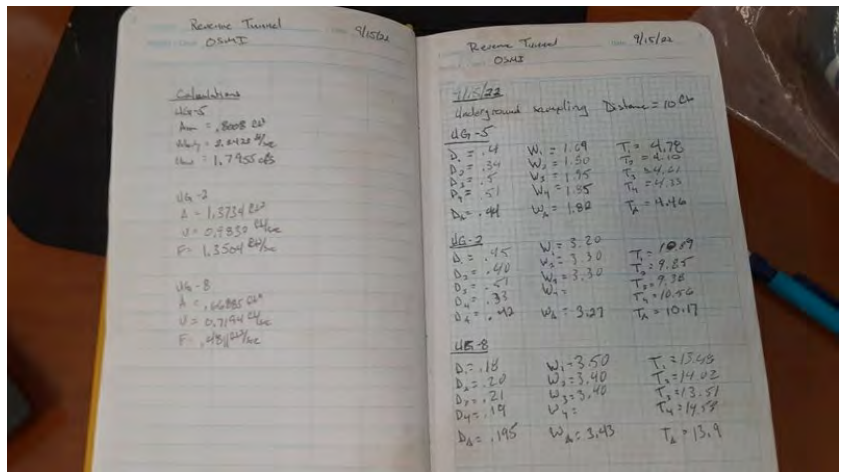
Sample Time	10:41
QuickCal?	No
Field pH	7.17
Field Water's Temperature (C)	6.7

Flow Information

Channel Height (feet)	0.195
Interval Spacing (feet)	3.43
Width at Water's Edge (feet)	3.43
Flow (CFS)	0.4811

Photos





Notes

Flow calculated using area of channel and velocity of water

Sampler's Name

Todd Jesse

Signature

Signed 2023-02-01 14:58:40 MST

2022-12-12, 09:57, UG-2

Created	2022-12-12 09:57:56 MST by Environmental Department
Updated	2023-02-01 15:05:25 MST by Environmental Department
Location	37.9739152, -107.7507264
Surface Water Field Data	
Sample ID	UG-2
Date	2022-12-12
Time	09:57

Observations

Outdoor Weather Conditions	Snow
Color and Clarity	Clear
Oil and Grease observation	Absent

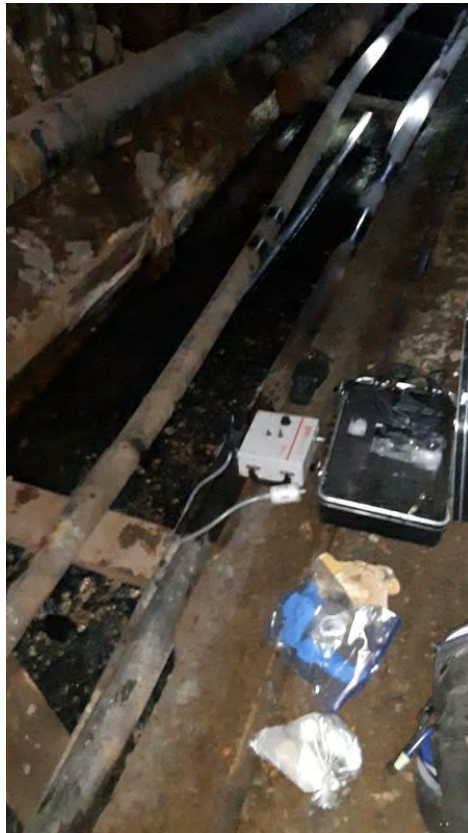
Field Chemistry

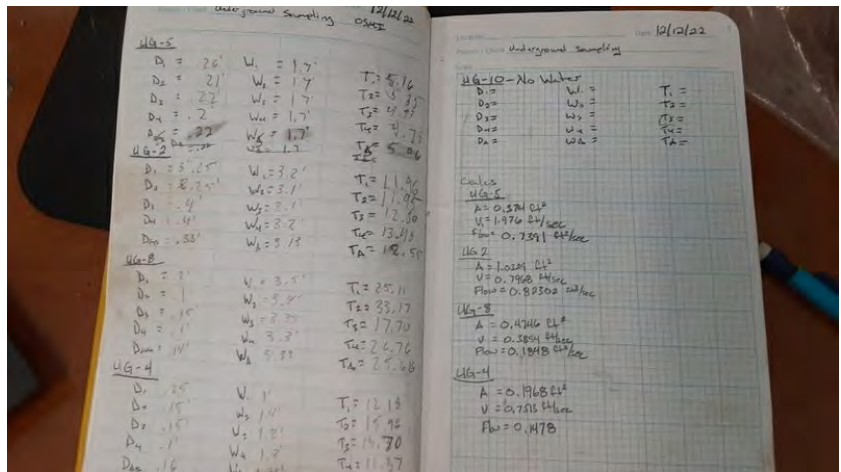
Sample Time	09:57
QuickCal?	No
Field pH	7.61
Field Water's Temperature (C)	5.1

Flow Information

Channel Height (feet)	0.33
Interval Spacing (feet)	3.13
Width at Water's Edge (feet)	3.13
Flow (CFS)	0.823

Photos





Notes

Snowing outside. Calculated flow from velocity of water and are of channel. May have been measuring errors as the calculated flow is higher here than at the portal.

Sampler's Name

Todd Jesse

Signature

Signed 2023-02-01 15:04:06 MST

2022-12-12, 10:53, UG-4

Created	2022-12-12 10:53:45 MST by Environmental Department
Updated	2023-02-01 15:08:28 MST by Environmental Department
Location	37.973901, -107.7507342
Surface Water Field Data	
Sample ID	UG-4
Date	2022-12-12
Time	10:53

Observations

Outdoor Weather Conditions	Snow
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

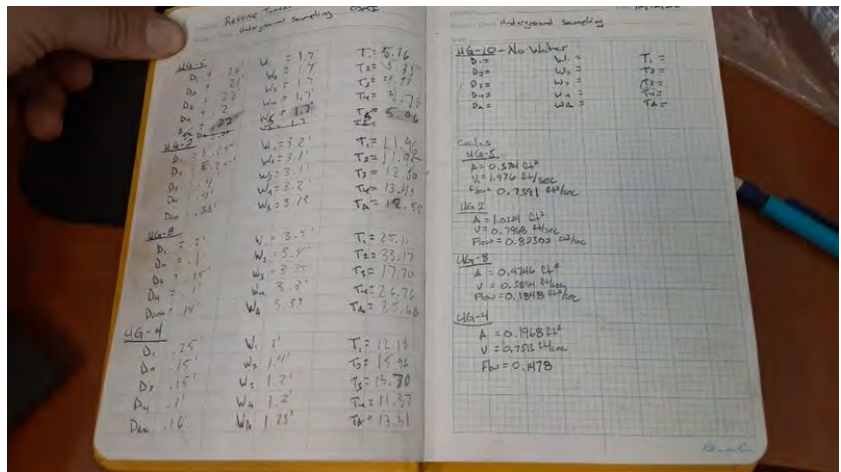
Sample Time	10:53
QuickCal?	No
Field pH	8.11
Field Water's Temperature (C)	6.7

Flow Information

Channel Height (feet)	0.16
Interval Spacing (feet)	1.23
Width at Water's Edge (feet)	1.23
Flow (CFS)	0.1478

Photos





Notes

Flow calculated using velocity of water and area of channel

Sampler's Name

Todd Jesse

Signature

Signed 2023-02-01 15:08:26 MST

2022-12-12, 09:18, UG-5

Created	2022-12-12 09:18:24 MST by Environmental Department
Updated	2023-02-01 15:03:10 MST by Environmental Department
Location	37.974086, -107.7506799
Surface Water Field Data	
Sample ID	UG-5
Date	2022-12-12
Time	09:18

Observations

Outdoor Weather Conditions	Snow
Color and Clarity	Clear
Oil and Grease observation	Absent

Field Chemistry

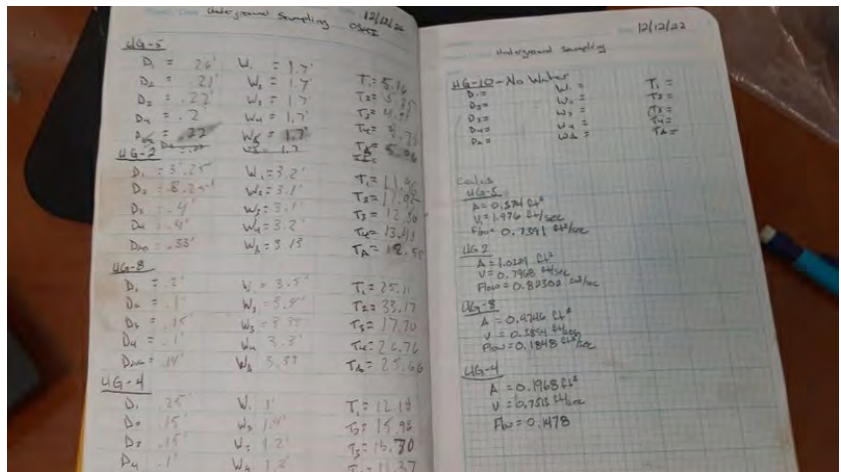
Sample Time	09:18
QuickCal?	No
Field pH	7.66
Field Water's Temperature (C)	6.7

Flow Information

Channel Height (feet)	0.22
Interval Spacing (feet)	1.7
Width at Water's Edge (feet)	1.7
Flow (CFS)	0.7391

Photos





Notes Snowing outside. Flow calculated using velocity of water and area of channel. May have measurement error as UG2 has higher flow than this station and is upstream.

Sampler's Name Todd Jesse

Signature

TJ

Signed 2023-02-01 15:02:23 MST

2022-12-12, 10:32, UG-8

Created	2022-12-12 10:32:32 MST by Environmental Department
Updated	2023-02-01 15:07:13 MST by Environmental Department
Location	37.9739395, -107.7507114
Surface Water Field Data	
Sample ID	UG-8
Date	2022-12-12
Time	10:32

Observations

Outdoor Weather Conditions	Snow
Color and Clarity	Clear
Oil and Grease observation	Absent

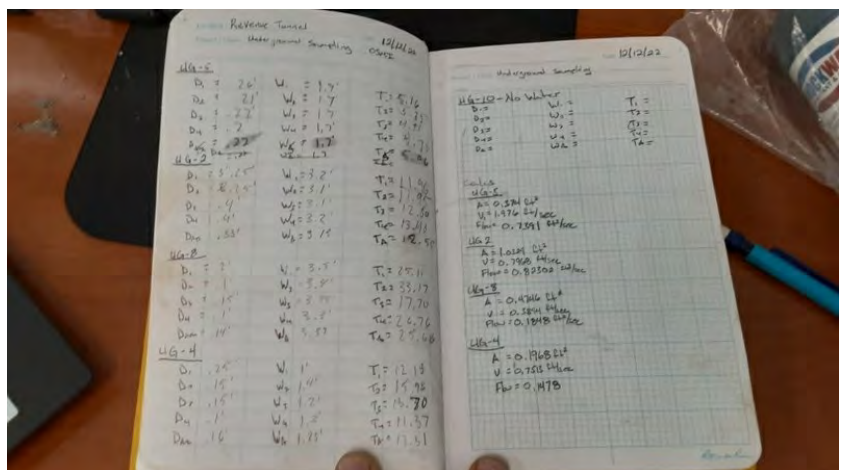
Field Chemistry

Sample Time	10:32
QuickCal?	No
Field pH	6.56
Field Water's Temperature (C)	8.7

Flow Information

Channel Height (feet)	0.14
Interval Spacing (feet)	3.39
Width at Water's Edge (feet)	3.39
Flow (CFS)	0.1848

Photos



Notes

10 foot flow measurement. Snowing outside. Now activity underground. Calibrated this morning, no rapid cal qt station. Flow calculated using velocity of water and area of channel

Sampler's Name

Todd Jesse

Signature

A handwritten signature in black ink, appearing to read 'TJesse', with a long horizontal stroke extending to the right.

Signed 2022-12-12 10:33:48 MST

2022-12-12, 11:17, UG-10

Created	2022-12-12 11:17:25 MST by Environmental Department
Updated	2023-02-01 15:00:36 MST by Environmental Department
Location	37.9739188, -107.7507186
Surface Water Field Data	
Sample ID	UG-10
Date	2022-12-12
Time	11:17

Observations

Outdoor Weather Conditions	Snow
Color and Clarity	no water
Oil and Grease observation	Absent

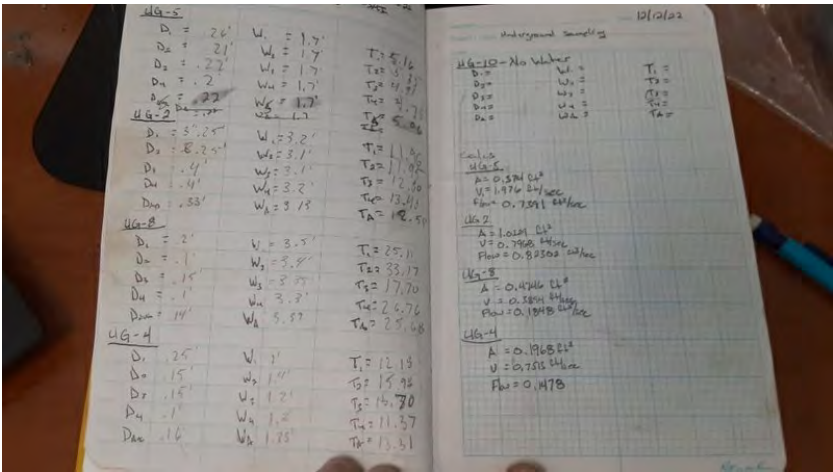
Field Chemistry

Sample Time	11:17
QuickCal?	No
Field pH	-99
Field Water's Temperature (C)	-99

Flow Information

Channel Height (feet)	0
Interval Spacing (feet)	10
Width at Water's Edge (feet)	0
Flow (CFS)	0

Photos



Notes	No water in drainage ditch. No sample or data collected
Sampler's Name	Todd Jesse
Signature	

TJ

Signed 2022-12-12 11:18:39 MST